

C タイプ コネクタ  
取扱説明書

Handling manual  
for  
C type connector

本取扱説明書は、発行先に対し連絡無しに  
改訂する場合がありますので、御了承下さい。

矢崎総業株式会社

矢崎部品株式会社

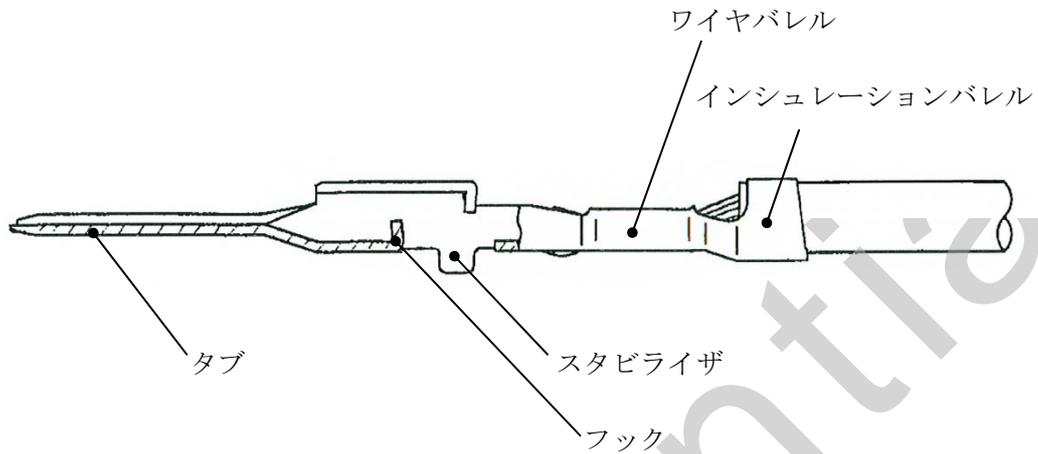
改訂年月日 2015年3月2日

本取扱説明書は、本製品をご使用頂く上で最低限必要な項目を記載したものです。  
取扱いの際には、本記載内容を遵守下さい。  
矢崎は、本内容を遵守しないで起こった損害、または誤使用により起こった損害に  
対しては責任を負いません。

## 目 次

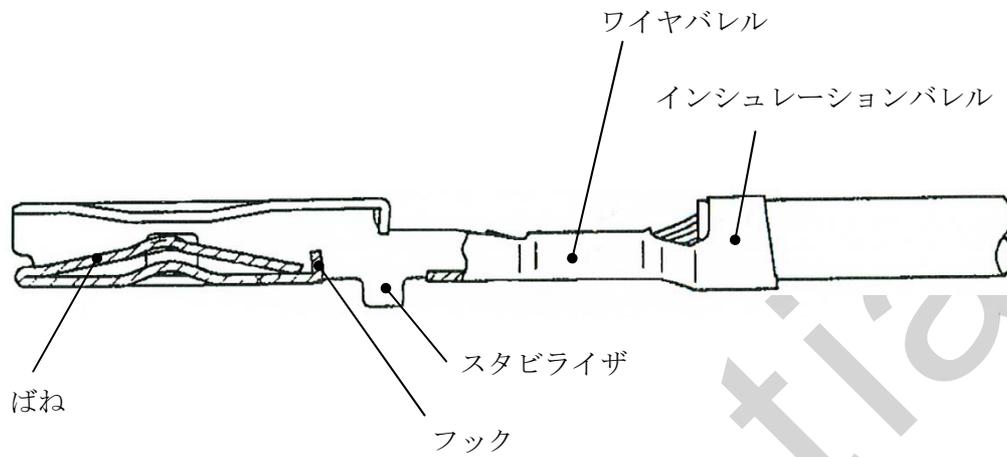
1. 構成部品と各部名称及び機能の概要	P. 2～P. 5
2. 各部品の取扱いについて	P. 6～P. 7
3. 端子圧着仕様	P. 8～P. 13
4. 端子圧着済品の取扱い	P. 14
5. 端子とリアホルダの組付け方法及び注意事項	P. 15～P. 17
6. 端子とリアホルダの引き抜き作業及び注意事項	P. 18～P. 21
7. ワイヤハーネス組立て時の注意事項	P. 22
8. 導通検査時の注意事項	P. 22
9. ワイヤハーネス梱包時の注意事項	P. 23～P. 24
10. コネクタのかん合・離脱方法	P. 25～P. 26
◎ 構成部品一覧表	別紙 1～12

1. 構成部品と各部名称及び機能の概要  
 1-1. 雄端子



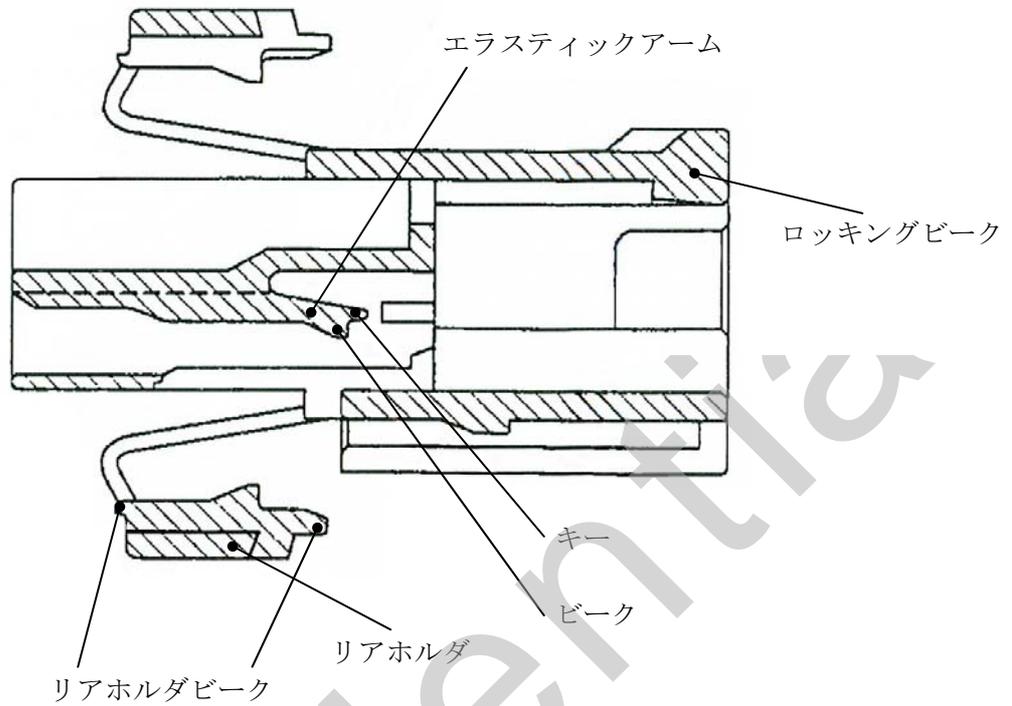
名 称	機 能
タブ	雌端子との接触部
フック	ハウジングとの係止部
スタビライザ	ハウジングへの逆挿入防止（誤方向）
ワイヤバレル	芯線保持及び電氣的接続
インシュレーションバレル	絶縁体の保持

## 1-2. 雌端子



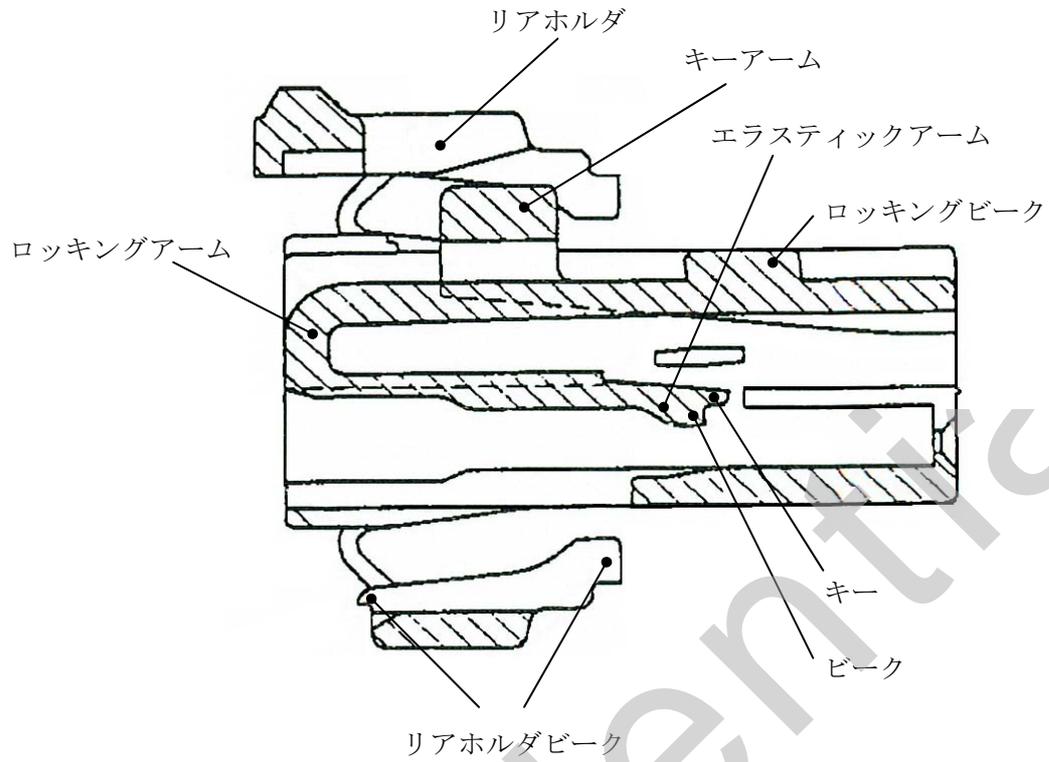
名 称	機 能
ばね	雄端子との接触部
フック	ハウジングとの係止部
スタビライザ	ハウジングへの逆挿入防止 (誤方向)
ワイヤバレル	芯線保持及び電氣的接続
インシュレーションバレル	絶縁体の保持

## 1-3. 雄ハウジング（リアホルダ含む）



名 称		機 能
ハウジング ランス	キー	ビーク解除
	エラスティックアーム	ビーク・キー保持
	ビーク	端子離脱防止
ロッキングビーク		雌ハウジングとの係止
リアホルダ		端子二重係止、端子中途挿入検知
リアホルダビーク		ハウジング本体との係止突起

1-4. 雌ハウジング（リアホルダ含む）



名 称		機 能
ハウ ジ ン グ ラ ン ス	キー	ビーク解除
	エラスティックアーム	ビーク・キー保持
	ビーク	端子離脱防止
ハウ ジ ン グ ロ ツ ク	ロッキングアーム	ロッキングアーム及びキーアームの保持部
	ロッキングビーク	雄ハウジングとの係止
	キーアーム	ハウジングロック解除部
リアホルダ		端子二重係止・端子中途挿入検知
リアホルダビーク		ハウジング本体との係止突起

## 2. 各部品の取扱いについて

## 2-1. 受入検査時の検査項目

部品受入時には下記項目について検査を行って下さい。

## 2-1-1. 端子

- ・異物、異品の混入
- ・バリ、クラック、変形、傷
- ・変色、錆、汚れ、めっき剥がれ
- ・リールからのほつれや絡み

## 2-1-2.ハウジング（リアホルダを含む）

- ・異物、異品の混入
- ・バリ、ヒケ、ダレ、欠け、クラック、ショートショット、変形、傷

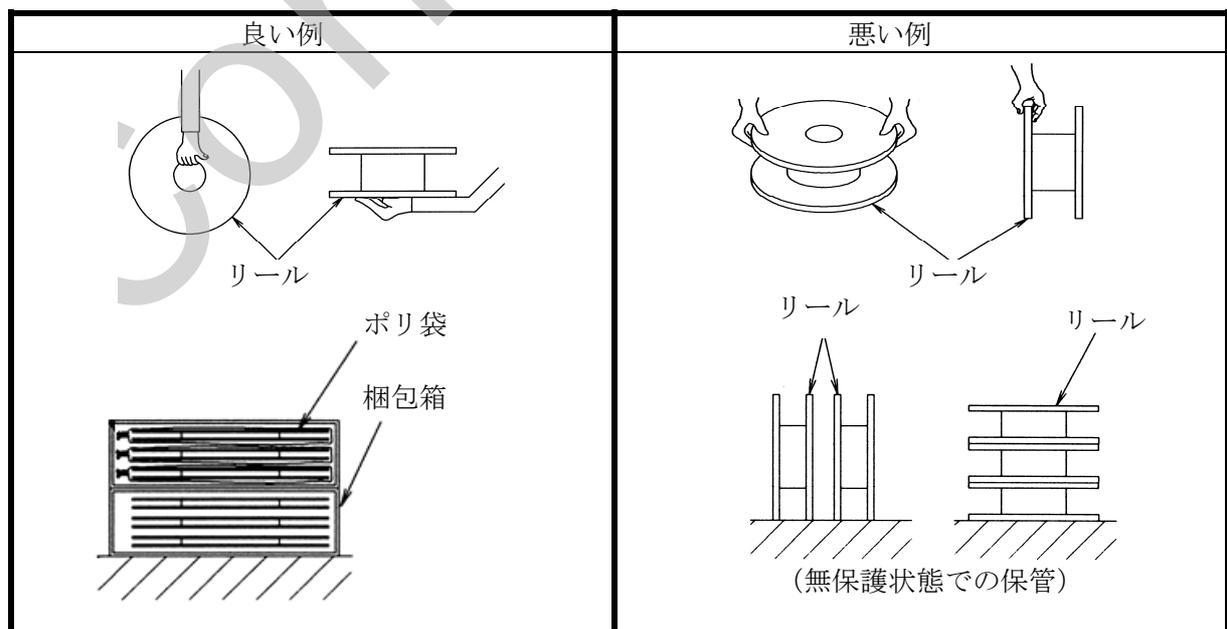
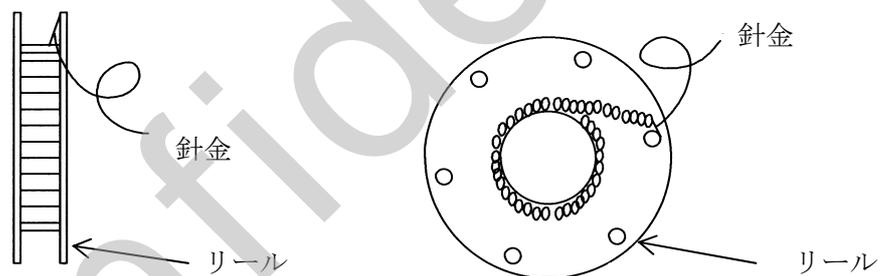
## 2-2. 部品の運搬、保存及び取り扱い注意事項

各部品の運搬・保管には次の内容を守り、変形や損傷を防いで下さい。

また、部品組立て工程などで製品使用環境・組付け条件の下での安全な取扱いにつきましても、適時弊社営業担当に問い合わせして下さい。

## 2-2-1. 端子

端子は、リールからのほつれを防ぐため、針金などでしっかりとリールに固定して下さい。  
運搬・保管は、下記の方法で行って下さい。



#### 運搬について

- ・リールは紙製なので、破損しないように注意して下さい。
- ・運搬時の衝撃を避けるため、梱包(保護)してください。  
梱包時には、部品が変形や損傷を受けることがないように十分注意して下さい。
- ・落下などによる、強い衝撃を与えないように十分注意して下さい。

#### 保管について

- ・搬時に使用する梱包箱に入れて保管して下さい。特に水、埃、油、有毒ガスから保護して、無保護状態で保管しないで下さい。
- ・直射日光を避け、室内で保管して下さい。
- ・高温多湿の場所を避けて保管して下さい。
- ・端子の変色・錆等変形に影響を及ぼす劣化の無いよう保管して下さい。

### 2-2-2. ハウジング

#### 運搬について

- ・運搬時の衝撃を避けるため、梱包(保護)して下さい。  
梱包時には、部品が変形や衝撃を受けることがないように十分注意して下さい。
- ・落下などによる、強い衝撃を与えないように十分注意して下さい。

#### 保管について

- ・運搬時に使用する梱包箱に入れて保管して下さい。特に水、埃、油、有毒ガスから保護して、無保護状態で保管しないで下さい。
- ・直射日光を避け、室内で保管して下さい。
- ・高温多湿の場所を避けて保管して下さい。
- ・コネクタの破損等、性能に影響の及ぼす劣化の無いように保管して下さい。

3. 端子圧着仕様

3-1. 圧着規格

圧着規格については、適時弊社営業担当にお問い合わせ下さい。

<注>

- ・圧着の際は、必ず規格内で圧着して下さい。規格外の場合、加締部の固着力・電気抵抗が維持できず、製品の機能に支障をきたす恐れがあります。
- ・本内容については、弊社の圧着型を使用した場合に限りです。

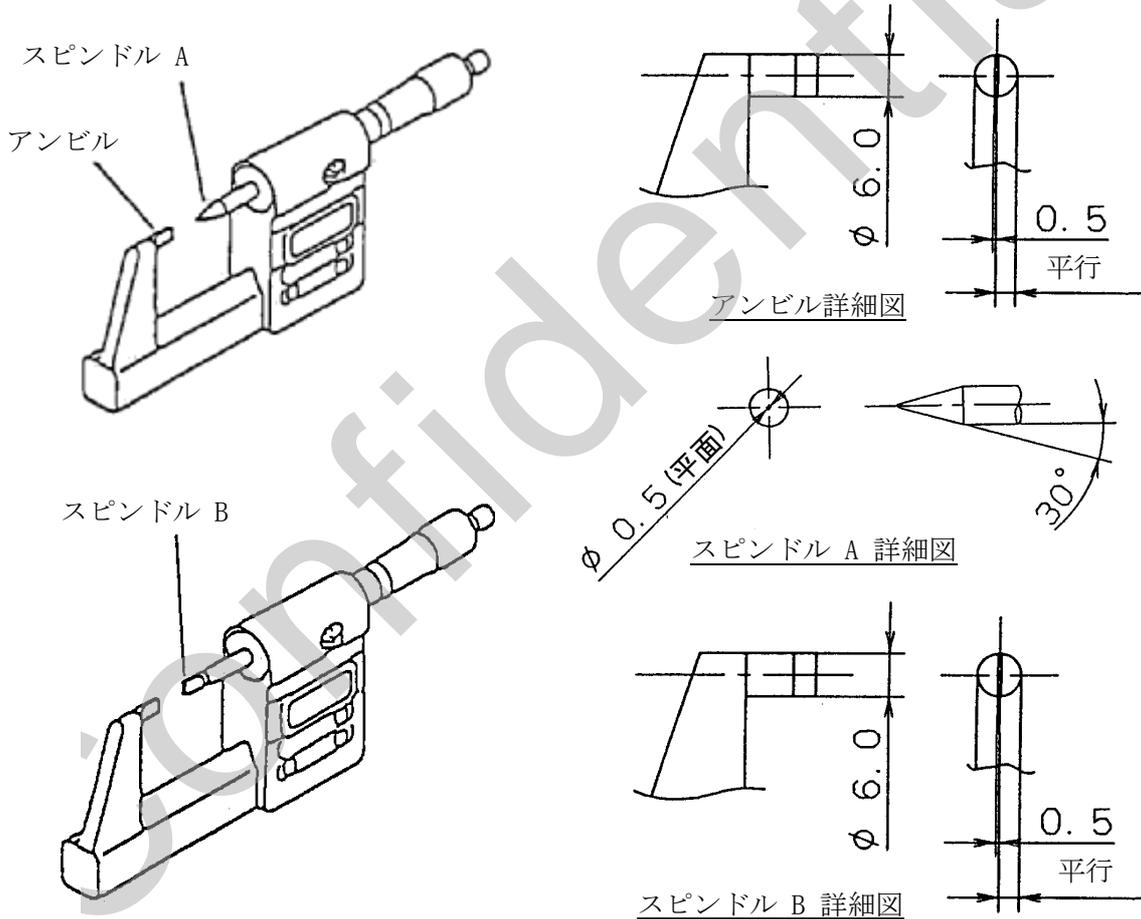
3-2. クリンプハイト及びクリンプワイドの測定器と測定方法

3-2-1. 測定器

マイクロメータを使用して測定して下さい。

マイクロメータは、下記仕様のアンビル、及びスピンドルを使用して下さい。

マイクロメータは、スタンドに固定して使用して下さい。



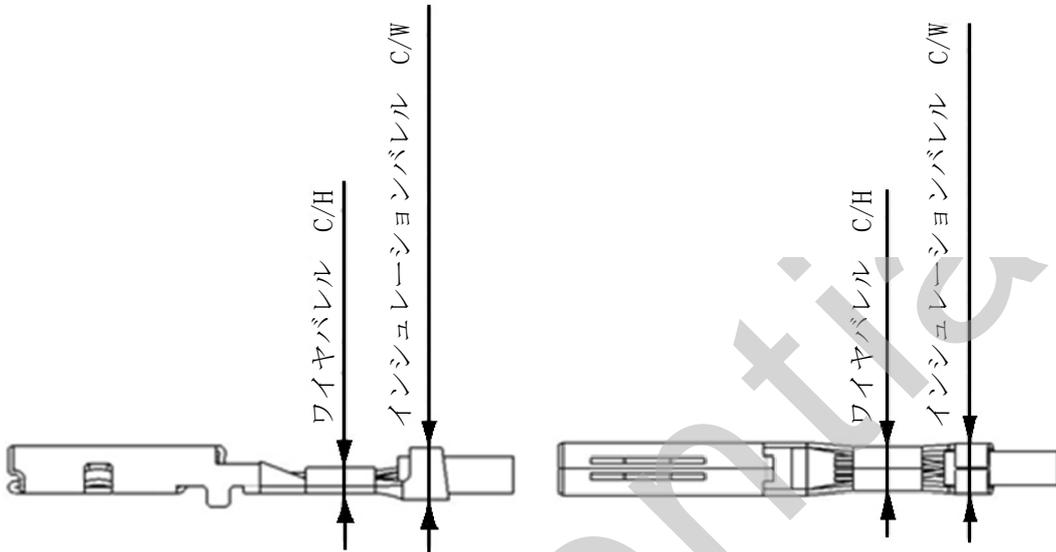
測定箇所	使用スピンドル
ワイヤバレル クリンプハイト	スピンドル A
ワイヤバレル クリンプワイド	スピンドル B
インシュレーションバレル クリンプハイト	
インシュレーションバレル クリンプワイド	

3-2-2 測定方法

芯線及び絶縁体の圧着部寸法は、それぞれの圧着部中央を測定して下さい。  
2点測定法にて測定して下さい

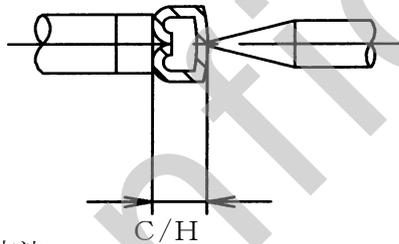
C/H.....クリンプハイト

C/W.....クリンプワイド

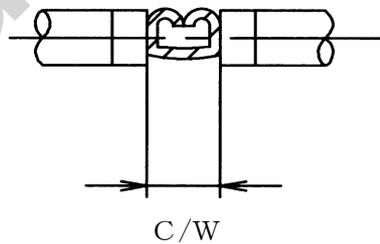


ワイヤバレル：マイクロメータを用いて下図の様に挟んで測定して下さい。

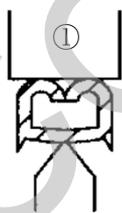
クリンプハイト測定方法



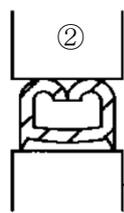
クリンプワイド測定方法



※2点測定法



スピンドル A

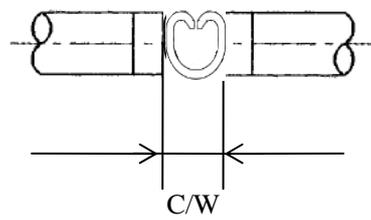
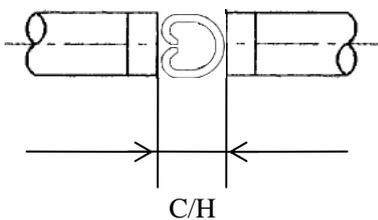


スピンドル B

\*①及び②で2点測定

\*②≦①のこと

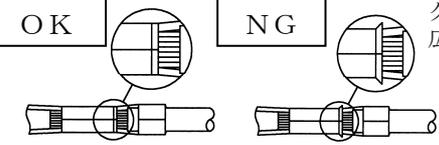
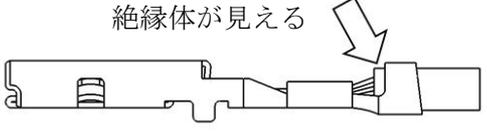
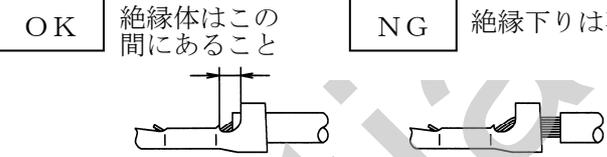
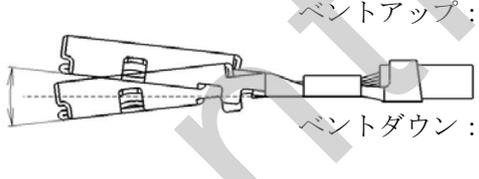
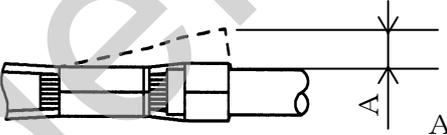
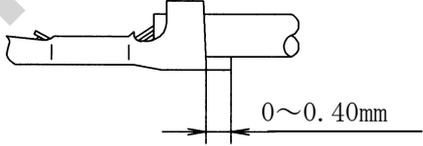
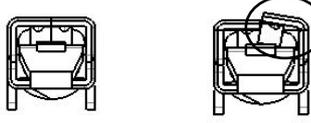
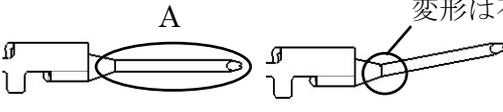
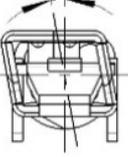
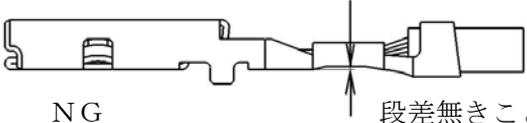
インシュレーションバレル：マイクロメータを用いて下図の様に挟んで測定して下さい。



3-3. 端子圧着時の注意事項と判定基準

- ・皮むきした電線は、すぐに圧着作業を行って下さい。  
移動や保管は、芯線がばらけやすく不良の原因となりやすいので、避けて下さい。
- ・変形した端子の手直しは絶対に行わないで下さい。
- ・圧着後は、速やかにハウジングに組付けて下さい。すぐに組付けない場合は、端子部を清潔なビニール袋などで保護して下さい。
- ・端子圧着時には、下記の項目を確認して下さい。  
表内に寸法指示がある項目は、指示寸法内で圧着して下さい。

項目	チェック内容	判定基準
1. 電線皮むき	1) 正常状態 2) 芯線の斜め切断 3) 芯線切れ 4) 芯線傷 5) 絶縁体の斜め切断 6) 絶縁体の切断不良	<p>1) 正常状態    2) 芯線の斜め切断    3) 芯線切れ 4) 芯線傷    5) 絶縁体の斜め切断    6) 絶縁体の切断不良</p>
2. 圧着部位 (ワイヤバレル)	正常圧着状態	<p>本線基準に左右対称 断線 A-A</p>
	1) 芯線ほつれ	<p>OK    NG</p>
	2) ベルマウス	<p>OK    NG ベルマウス部を残す フロント: 12 頁参照 リア: 12 頁参照</p>
	3) すきま	<p>NG    ワイヤバレルに芯線が見えるような隙間が無いようにして下さい。</p>
	4) ワイヤバレルによる絶縁体圧着状態	<p>OK    NG    前足で絶縁体を圧着しているものは不可</p>
	5) 芯線飛び出し	<p>芯線出し: 0~1.0mm 1.5mm以下</p>
6) バリ及びねじれ	<p>正常    本線基準に左右対称のこと    NG    ねじれ NG 本線を出さないこと</p>	

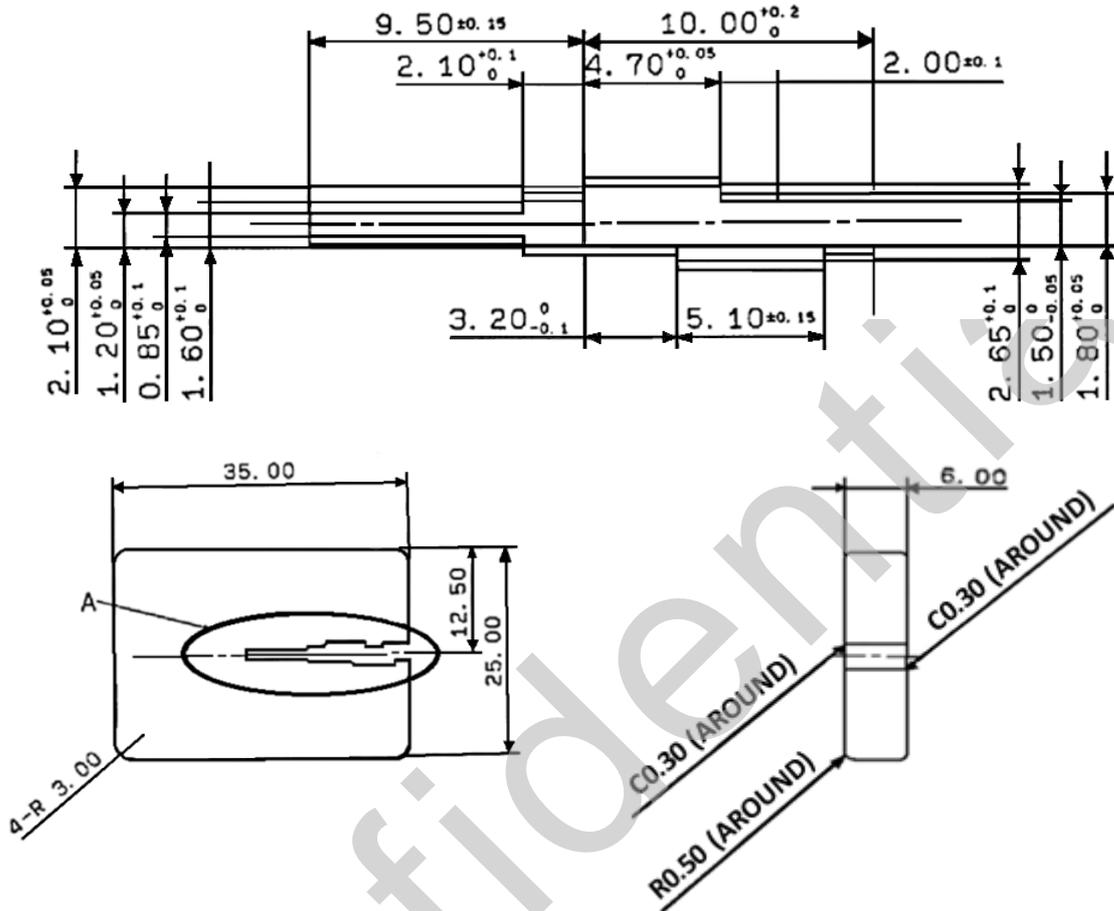
項目	チェック内容	判定基準
2. 圧着部位 (ワイヤ バレル)	7)ベルマウスの膨らみ	 <p>OK NG クリンプワイドより広がっている物は不可</p>
3. 圧着部位 (インシュ レーション バレル)	正常圧着状態	 <p>絶縁体が見える</p>
	1)絶縁体下がりがない事	 <p>OK 絶縁体はこの間にあること NG 絶縁下りは不可</p>
4. 圧着による 変形	1)ベントアップ/ダウン	 <p>ベントアップ：オス…1° 以内 メス…2° 以内 ベントダウン：オス…1° 以内 メス…1° 以内</p>
	2)横方向端子曲り	 <p>A : 0.1 mm以下</p>
	3)つなぎ出し長さ	 <p>0~0.40mm</p>
	4)雌端子の変形	 <p>変形は不可</p>
	5)雄端子の変形	 <p>A 変形は不可</p>
	6)ねじれ	 <p>目視でねじれの確認できるものは可</p>
	7)ワイヤバレルの段差	 <p>NG 段差無きこと</p>

## • ベルマウス

適用端子品番	ベルマウス [mm]	
	フロント	リア
7114-1300 (7B14-1300)	—	0.30~0.60
7114-1301 (7B14-1301)	—	0.30~0.60
7114-1300-08	—	0.30~0.60
7114-1301-08	—	0.30~0.60
7114-1601 (7B14-1601)	—	0.30~0.60
7114-1602-08 (7B14-1602-08)	—	0.30~0.60
7116-1300 (7B16-1300)	—	0.30~0.60
7116-1301 (7B16-1301)	0.00~0.30	0.00~0.55
7116-1300-08	—	0.30~0.60
7116-1301-08	0.00~0.30	0.00~0.55
7116-1601 (7B16-1601)	—	0.30~0.60
7116-1602-08 (7B16-1602-08)	—	0.30~0.60

3-4. 端子圧着検査ゲージ

※CM端子  
圧着検査ゲージ例

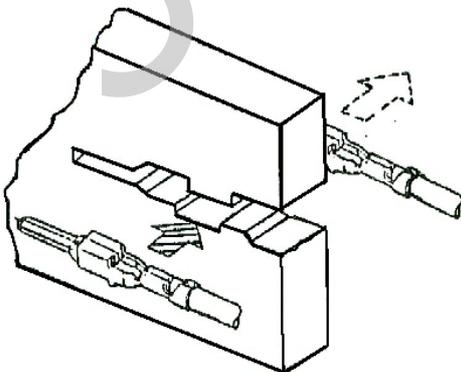


・目的

ベントアップ及びダウンによる相手ハウジングとのかん合不良を防止する。  
又、リアホルダ挿着性向上を図る。

・使用方法

ゲージ面に対し、平行に端子を合わせ挿入する。



OK⇒端子全体がスムーズに入る状態  
NG⇒端子が引っ掛かり入らない  
入るが少し硬い

・検査時期

ロット開始と終了の各1ヶを検査  
(異常があればメンテナンスを呼び調整して下さい)

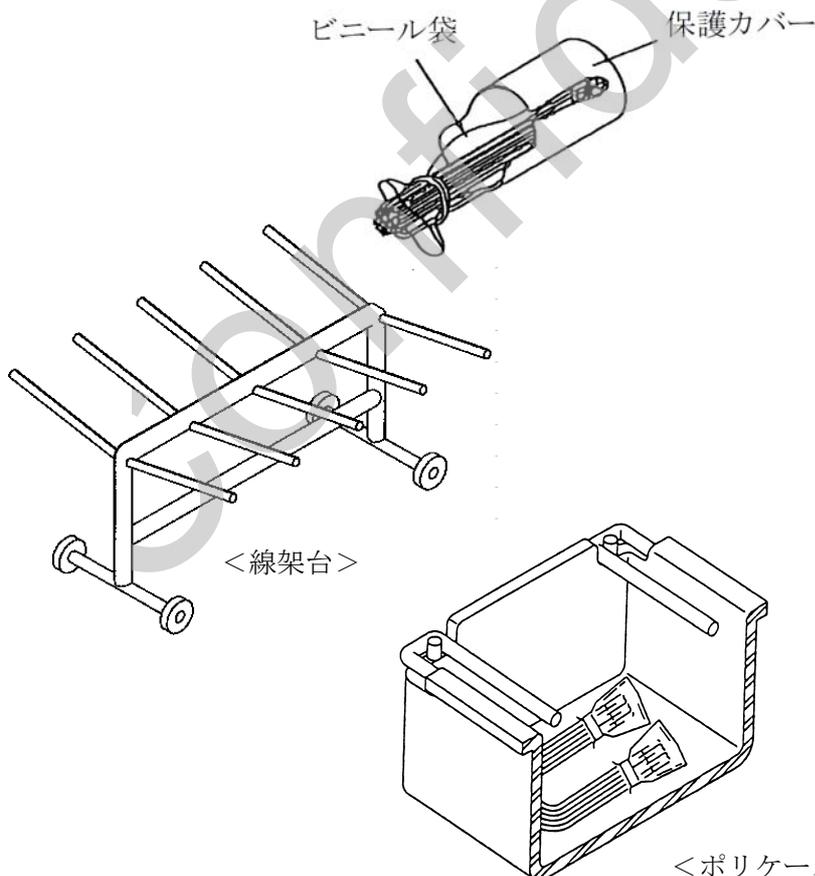
## 4. 端子圧着済品の取扱い

端子圧着後は速やかにハウジングに組付けて下さい。

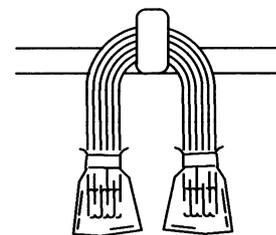
但し運搬・保管の際には、変形や損傷が発生しやすいため、下記項目を守って下さい。

- 端子圧着済品は、ばらばらにならないようにゴムなどで束ねて下さい。  
束ね本数が多すぎると、端子同士の引っ掛かりや自重による変形や損傷の発生が考えられますので、一束の本数は 100 本以下 として下さい。  
束ねる時に、端子先端を叩いて揃えないで下さい。
- 端子圧着済品にはポリ袋を被せて、埃から保護して下さい。  
運搬・保管の際は保護カバーを使用し、ハウジングに組付ける直前までビニール袋・保護カバーを外さないで下さい。
- 運搬は、線架台又はポリケース通い箱にて行い、端子圧着済品を積み重ねしないで下さい。  
ポリケース通い箱にて運搬する際、端子のスタビライザ、かん合部等が電線自重にて変形しない様、考慮する必要があります。
- 線架台に掛ける際は、端子先端が地面につかないよう留意して下さい。
- 投げ込みや投げ降しは絶対にしないで下さい。

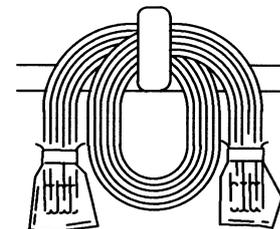
端子圧着済電線処理例



線架台使用例



&lt;短い製品&gt;



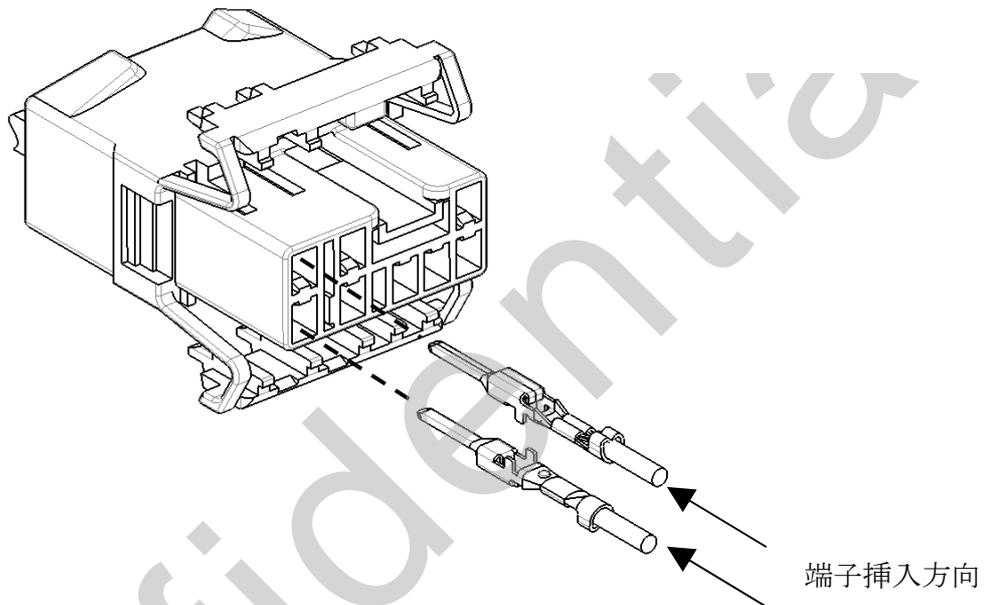
&lt;長い製品&gt;

## 5. 端子とリアホルダの組付け方法及び注意事項

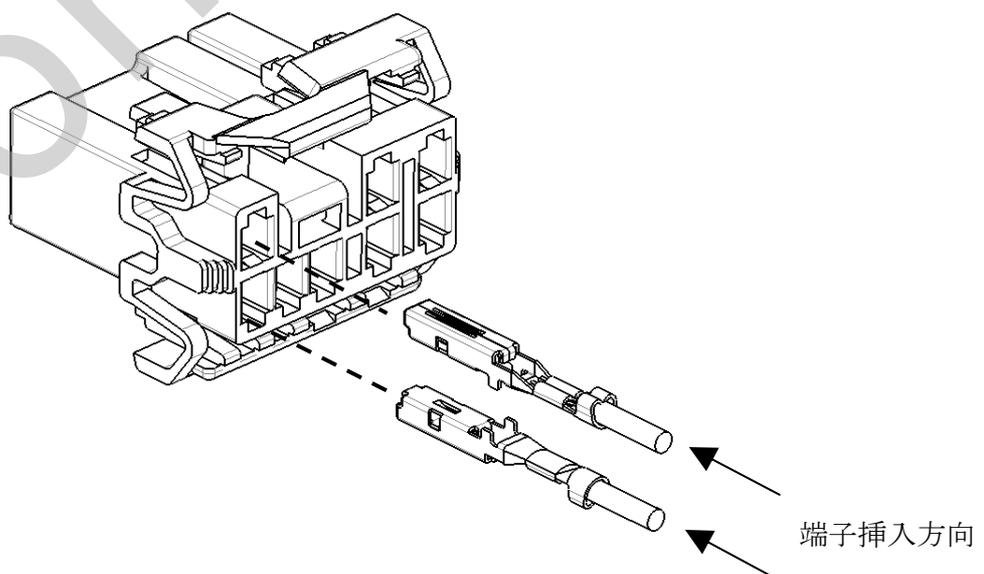
## 5-1. ハウジングへの端子挿入

- 1) 端子は図の様な方向で挿入します。  
リアホルダがハウジングに係止されている状態では端子を挿入出来ませんのでご注意ください。
- 2) 端子の挿入はビークがフックに掛かる時の「カチン」という音を確認するまで確実に挿入して下さい。
- 3) 電線を軽く引張り、ビークがフックに掛っていることを確認して下さい。

・雄端子は、雄ハウジングに挿入して下さい。

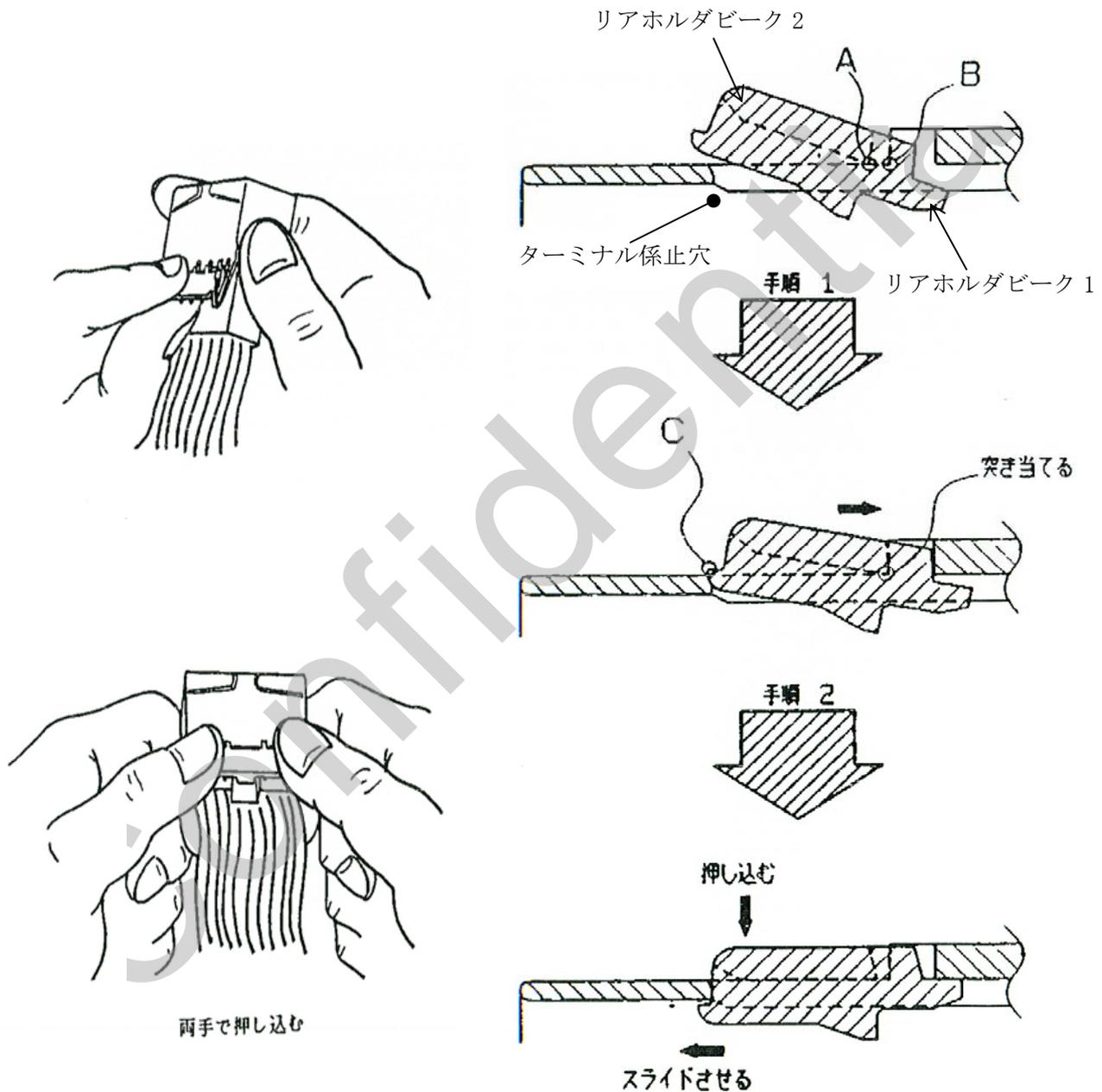


・雌端子は、雌ハウジングに挿入して下さい。



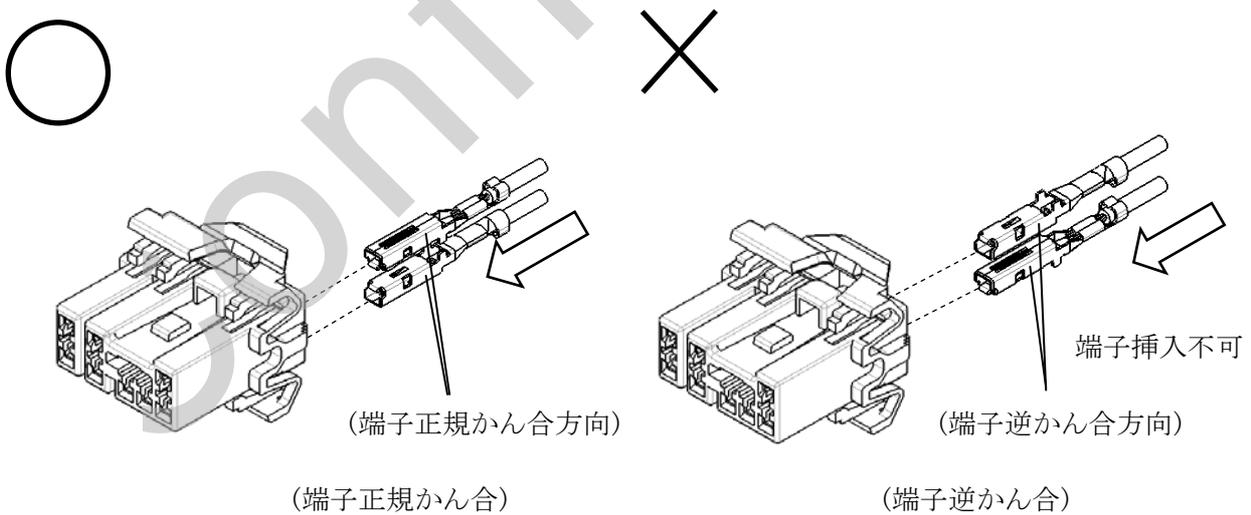
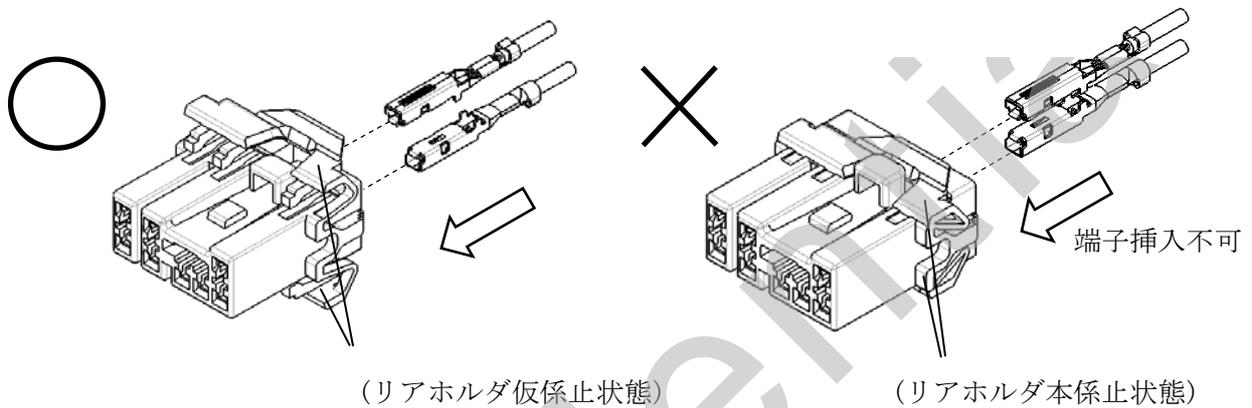
## 5-2. 二重係止作業（雄・雌共通）

- 1) 下図に示すようにハウジングとリアホルダは、一体構造となっています。  
リアホルダビーク 1 をハウジングのターミナル係止穴へ差し込み、リアホルダ A 部をハウジング B 部に突き当てる（手順 1）
- 2) リアホルダビーク 2 部 C を押し込み、後ろへスライドさせる。（手順 2）
- 3) リアホルダ装着後は、各係止部が完全に係止している事を確認し、片ぎきにならない様にする。特に、手順 2 によるビーク部のつぶれについては注意すること。



5-3. 注意事項

- 1) 端子が挿入出来ない。 → ①端子の挿入方向が逆ですと挿入出来ません。  
 ②リアホルダがハウジングに係止されている状態では挿入出来ませんので、ハウジングから外して下さい。  
 (6-2. 端子の引き抜き方を参照)
- 2) リアホルダの挿入がかたい又は、挿入出来ない。 → ①端子がハウジングに中途挿入状態であることが考えられるので、確認して下さい。  
 (無理に挿入した場合破損する恐れがあります)
- 3) 誤って、変形又は破損させた場合 → 新しい物と交換して下さい。

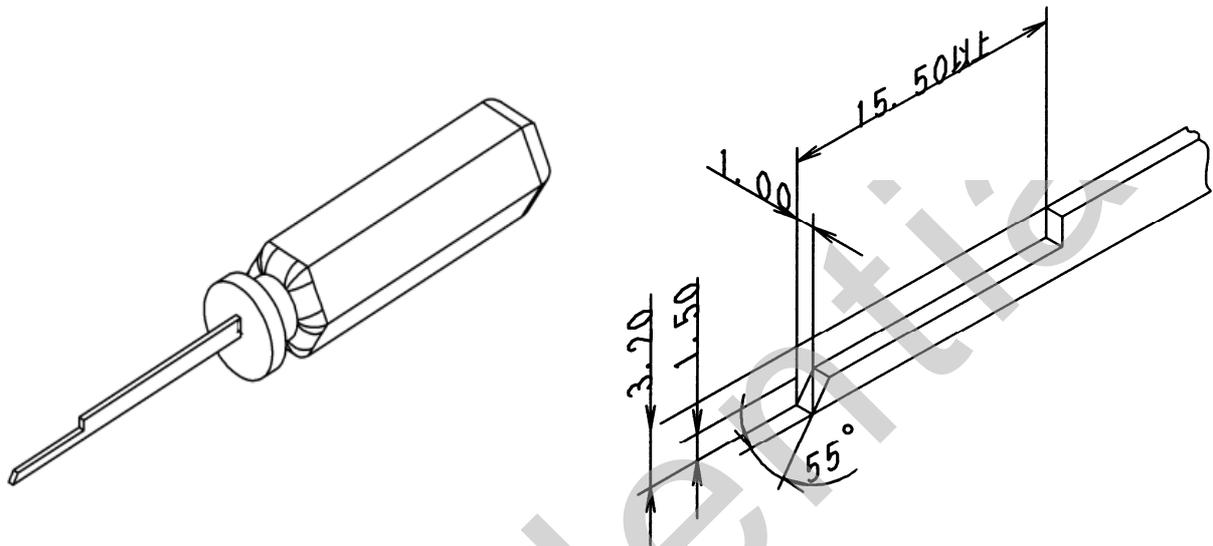


## 6. 端子とリアホルダの引き抜き作業及び注意事項

## 6-1. 抜き治具

治具は、下記に示す様な物を使用し、他の治具の使用は避けて下さい。

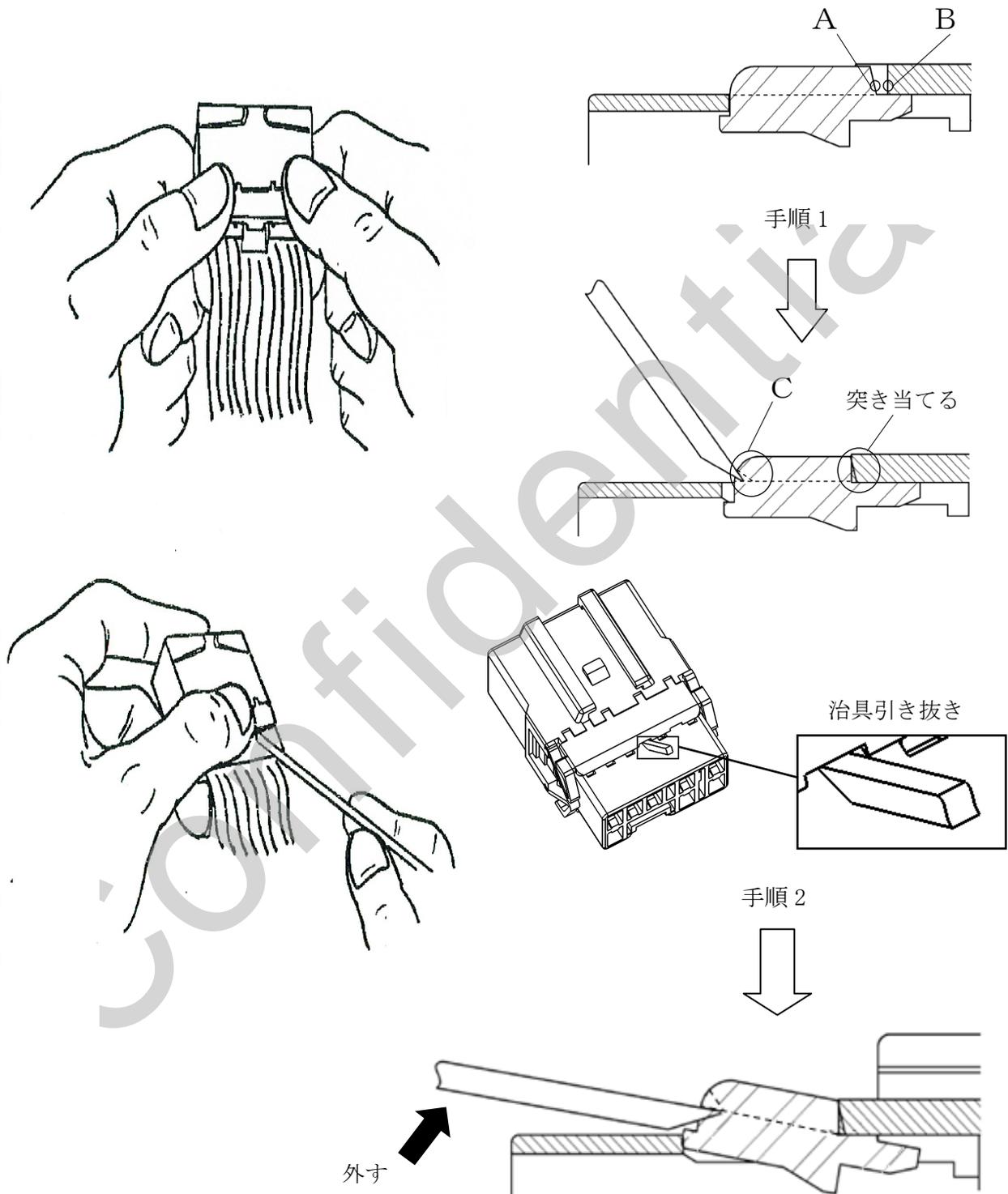
(CKZタイプ品番：49Y000057)



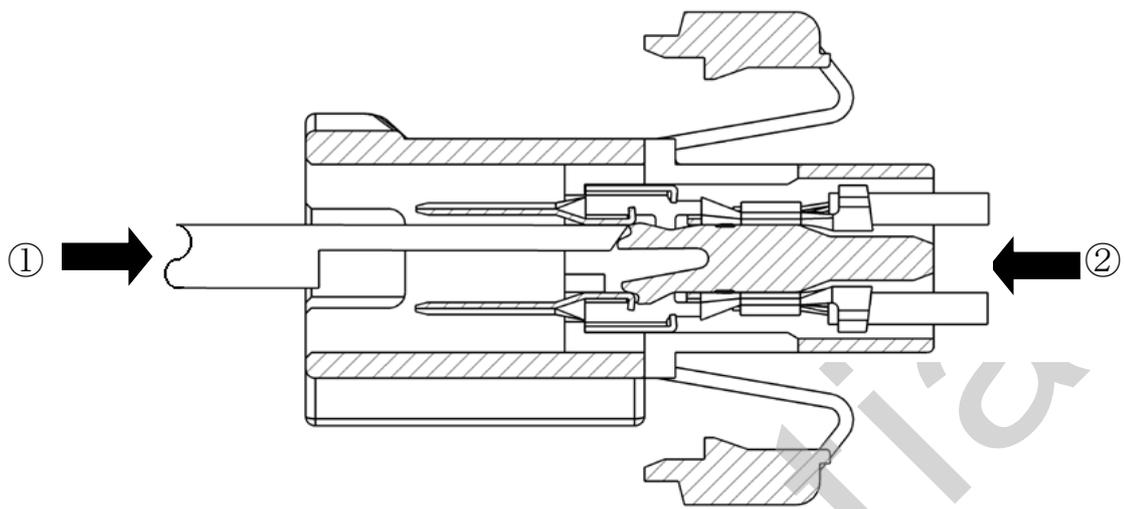
## 6-2. 端子の引き抜き方

- 1) リアホルダA部をハウジングB部に突き当て、リアホルダC部に治具を差し込む (手順1)。

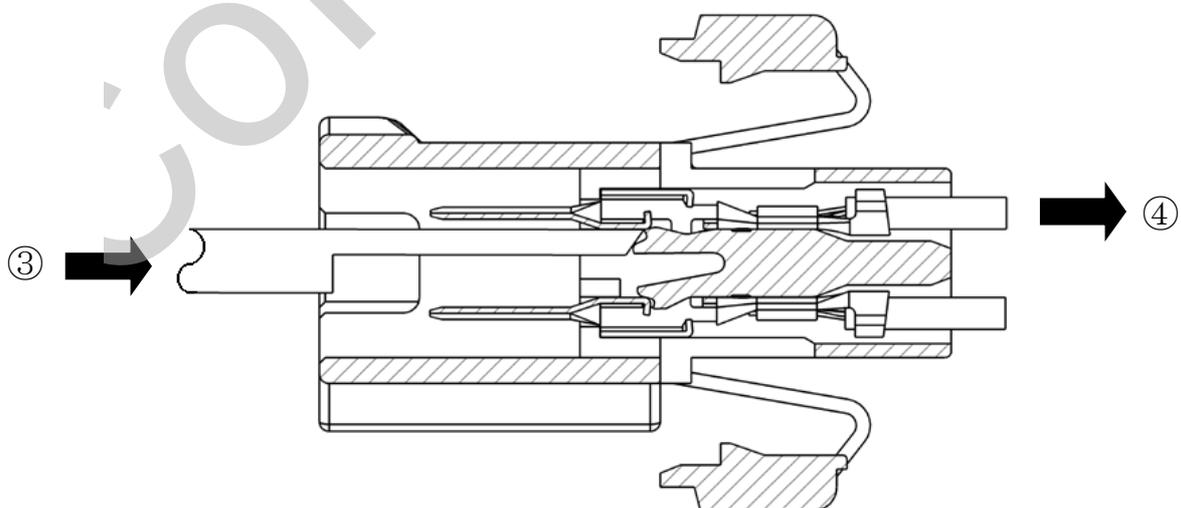
次にリアホルダビークを外して上方向へと引き抜く (手順2)。



- 2) リアホルダを外した後、下図の様に抜き治具の先端を端子とランスのキーの隙間にセットし①、電線を軽く②方向に差し込んで下さい。

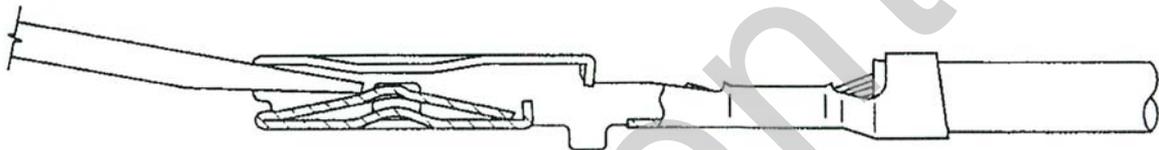


- 3) 次に治具を③方向へ軽く押し込みエラスティックアームをたわまし、電線を④方向へ引張り取り外して下さい。  
(治具をこじらずに端子は抜けます)



## 6-3. 注意事項

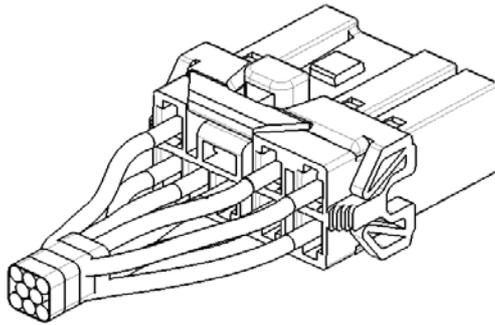
- 端子を引き抜く際、治具の先端が必ず、端子とランスのキーの隙間に有ることを確認して作業を始めて下さい。
- 治具は絶対にこじらないで下さい。端子に力がかかり端子を変形させる恐れがあります。
- 端子を引き抜く際、軽く引っ張って抜けない時は無理に引っ張らないで再度始めから作業して下さい。
- 引き抜いた後、端子に変形等が発生していないか確認して下さい。  
変形した端子は、手直しして使用せずに、必ず新しい端子と交換して下さい。
- 抜き治具を誤って雌端子内に差し込んでしまった場合は、新しい端子と交換して下さい。
- 指定の抜き治具の場合、雌端子内に入り込まない様になっていますが、万一、下図の様に指定以外の抜き治具で、差し込んでしまった場合には、多少に拘わらず新しい端子と交換して下さい。



×

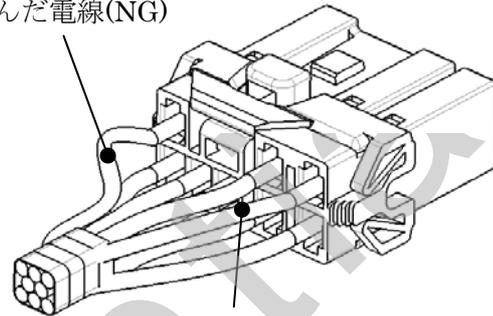
## 7. ワイヤハーネス組立て時の注意事項

- 端子が回りに引っ掛からないよう十分注意して下さい。
- 超音波などにて部品（電線・端子など）の接続を行う場合は、部品に悪影響を及ぼさないことを確認の上行って下さい。
- 全ての電線に均一な引張力がかかるようにテープ巻きを行って下さい。  
特定の電線が突っ張るようなテープ巻きをすると、引張力がその電線に集中し、端子抜けなどの悪影響を及ぼします。



OK

弛んだ電線(NG)



突っ張った電線(NG)

NG

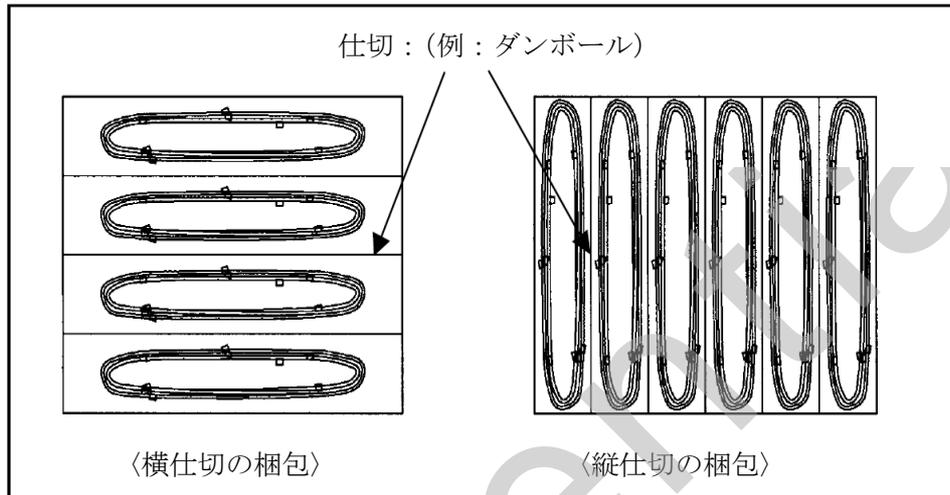
## 8. 導通検査時の注意事項

- 配線検査や、導通検査に使用する治具は、ハウジングや端子を破損しないようにかん合相手と同程度の精度として下さい。
- 部品に変形や損傷がある場合は、その多少に関係なく新しい部品と交換して下さい。

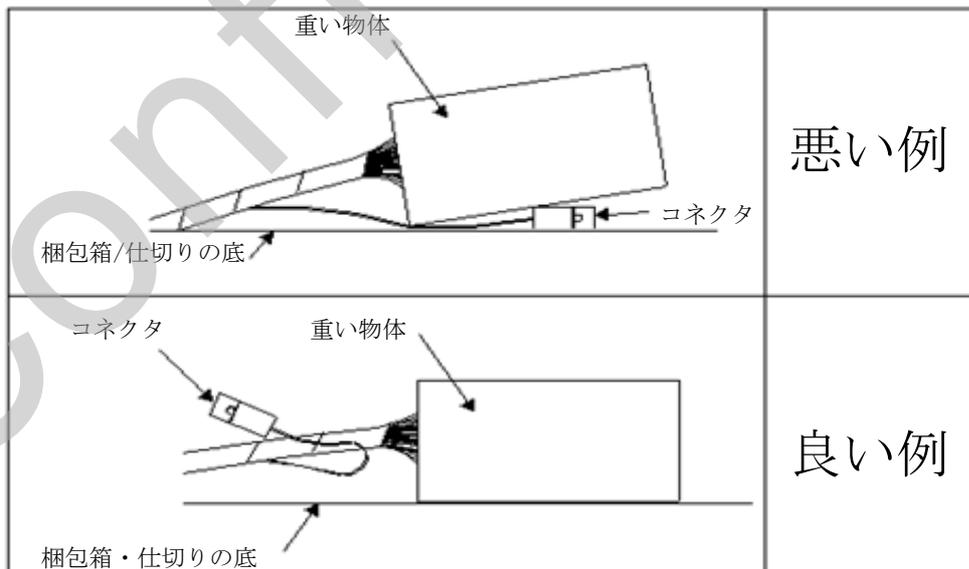
## 9. ワイヤハーネス梱包時の注意事項

他の多くのプラスチック部品と同じようにコネクタも、外力が運搬や保管中にかかるとう変形や損傷をする可能性があります。そこで、変形や損傷を防ぐ為以下の指示に従って下さい。

- 1) 多層にてワイヤハーネスを梱包する場合、各ワイヤハーネスの荷重が他のワイヤハーネスのコネクタを変形や損傷させることがあります。ダンボールの縦・横仕切、内部支えを図のように使用し、荷重が均等になるようにして、このような変形や損傷を防いで下さい。



- 2) J/B、R/B 等の BOX 類、及びプロテクター、ブラケット等の重いものや大きなものは、それらの部品の重量がコネクタに加わらないように箱や仕切面の底面に置くようにして下さい。

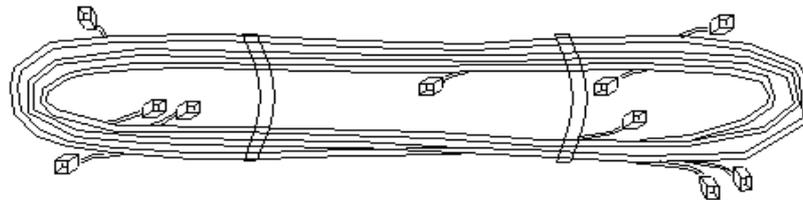


- 3) ワイヤハーネスの荷重が加わらないようワイヤハーネスの束の外あるいは中にコネクタを配置して下さい。

【梱包時のコネクタの置き方】

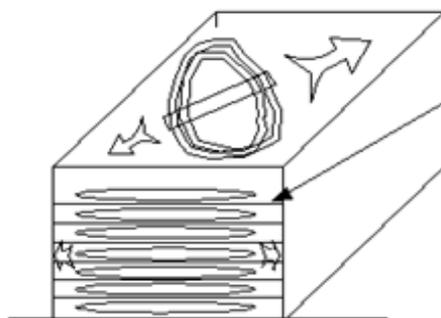
ワイヤハーネスの重量がコネクタにかからない様にする為、コネクタは全てワイヤハーネスの束の内側又は外側に出して下さい。

<良い例>



- 4) 梱包は、運搬や保管時にワイヤハーネスが動かない、最適な大きさにして下さい。

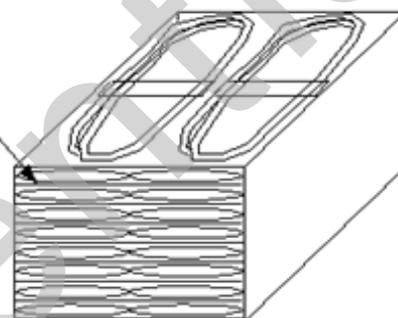
【梱包箱内のW/Hレイアウト：良い例：悪い例】



<悪い例>

スペースが余分にある為、運動中にハーネスが梱包箱内で動きやすくなっている。

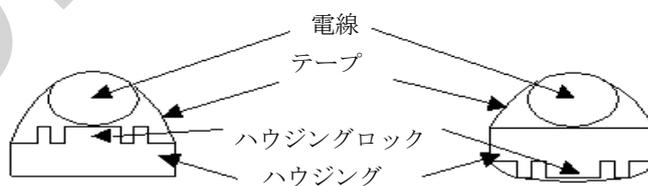
仕切



<良い例>

一段二列にハーネスを梱包することで、余分なスペースを排除し、運搬中のハーネスの動きを最小限に抑えている。

- 5) コネクタをワイヤハーネスにテープ止めする際は、コネクタのロック及び、他の弾性部にワイヤハーネスが当たらない配置として下さい。



<悪い例>

<良い例>

- 6) 車両に取り付ける為に、ワイヤハーネスを梱包箱より取り出す場合、コネクタにダメージを与えないよう、ワイヤハーネスが絡まないように気を付けて下さい。
- 7) 運搬及び、保管後、コネクタにダメージがないか確認して下さい。

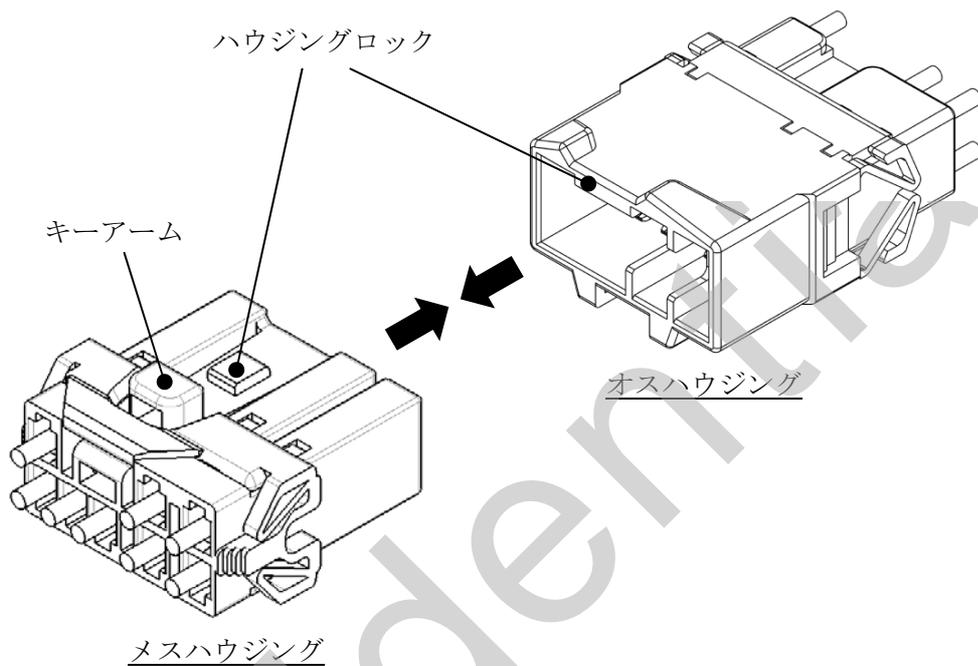
## 10. コネクタのかん合・離脱方法

## 10-1. コネクタのかん合

1) 下図のようにロック部を同方向に合わせこじらない様にかん合して下さい。

又、挿入力が大きい場合でも、ハウジングロックのキーアームを押し下げて挿入しない様に注意して下さい。

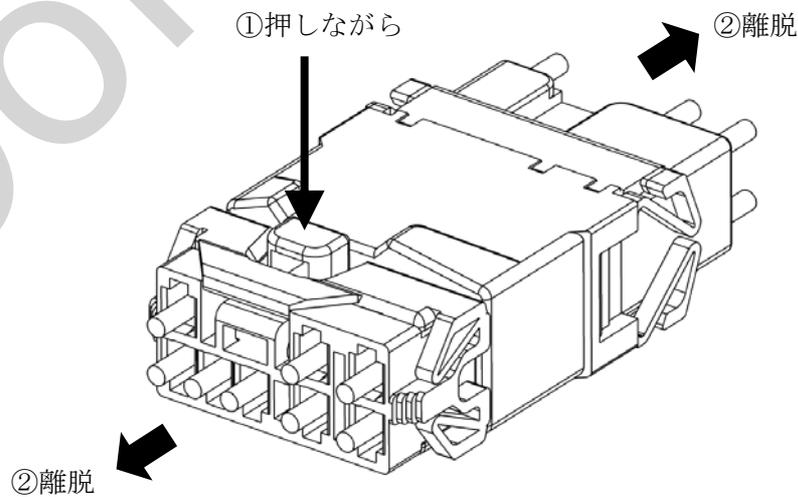
2) 必ずロックの掛るまで確実に挿入し、かん合後は軽く引張ってロックが掛っている事を確認して下さい。



## 10-2. コネクタの離脱

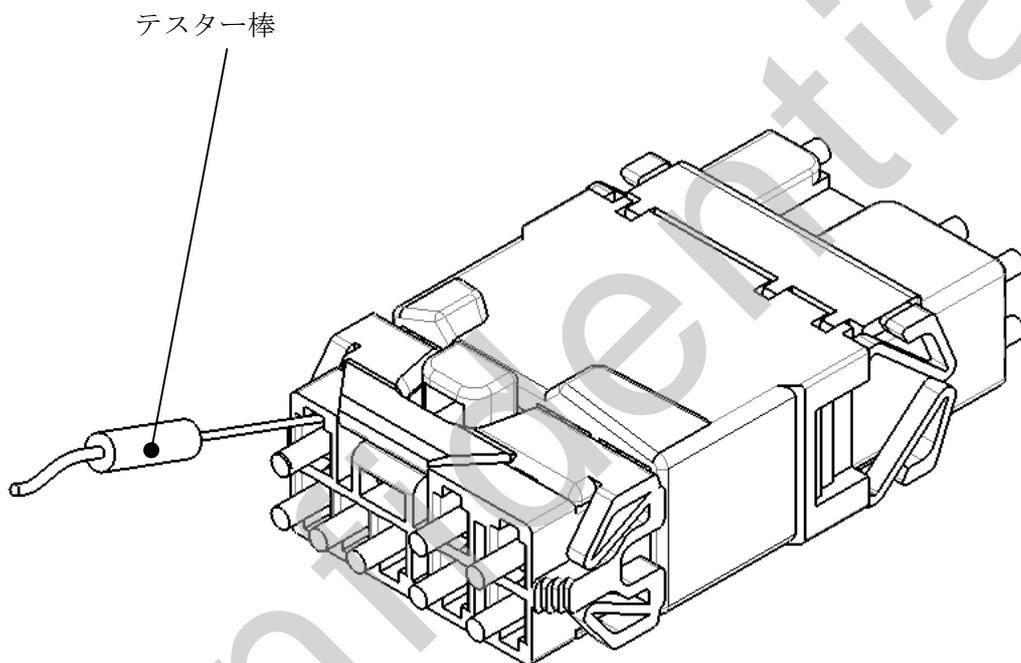
ハウジングを持って、キーアームを押しながら離脱して下さい。

※絶対に電線を引っ張らないで下さい。

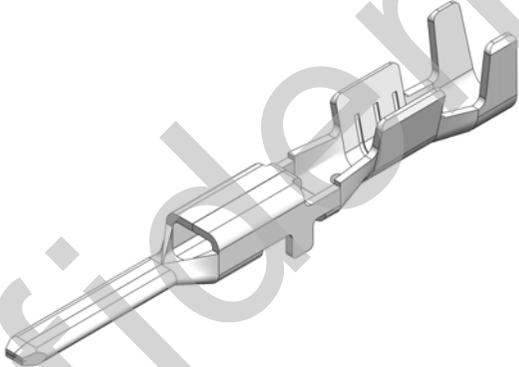


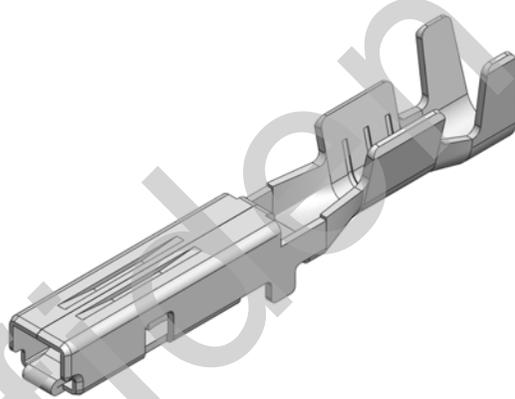
## 10-3. コネクタかん合後の回路チェック

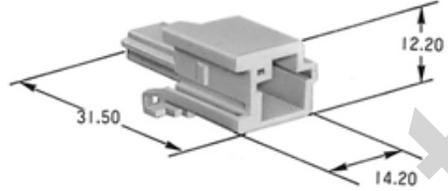
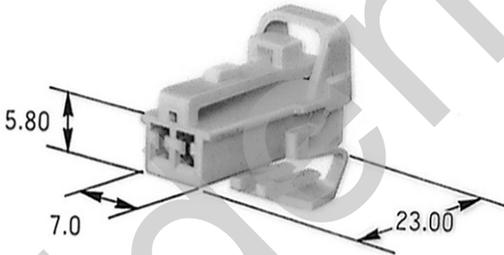
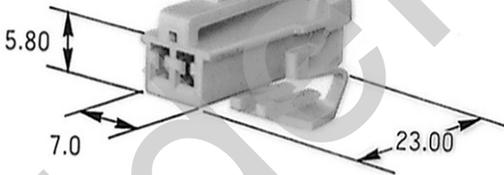
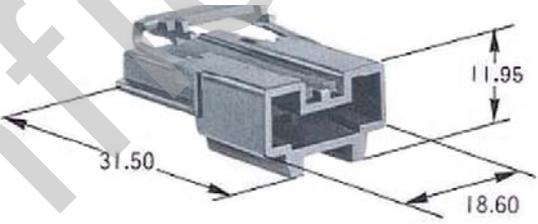
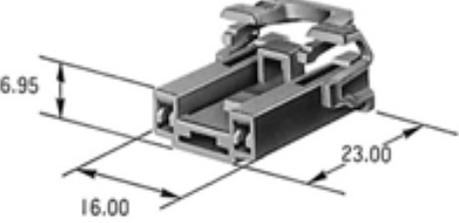
テスター等で導通や電圧等を調べる時、テスター棒は必ず図の様に、電線側から差し込んでください。差し込めない場合には、同一の種類のコネクタを用意し、それを使用してチェックして下さい。

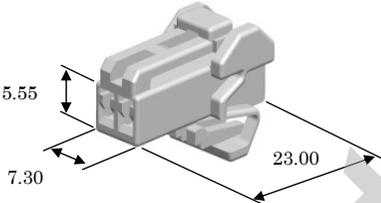
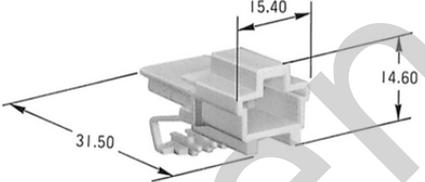
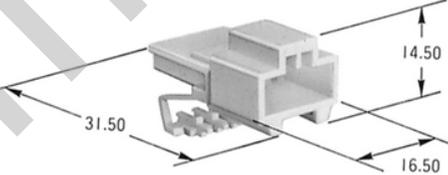
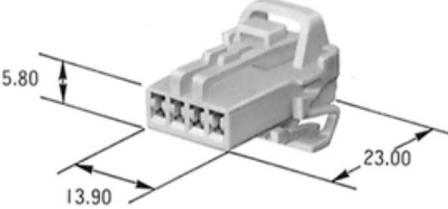


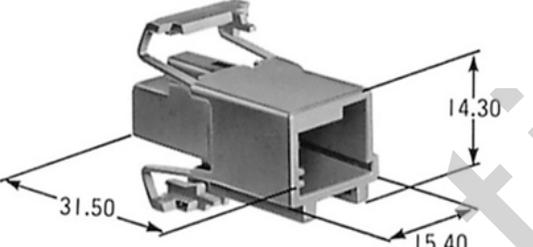
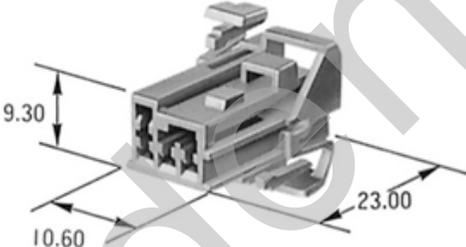
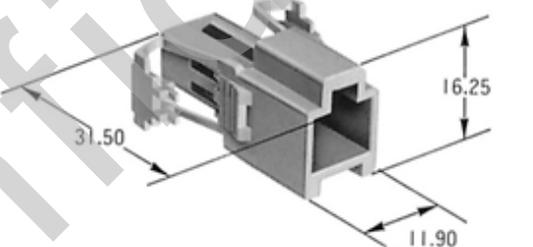
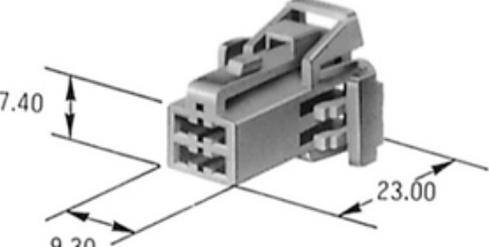
◎ 構成部品一覧表

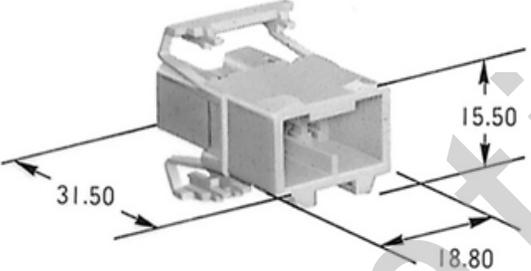
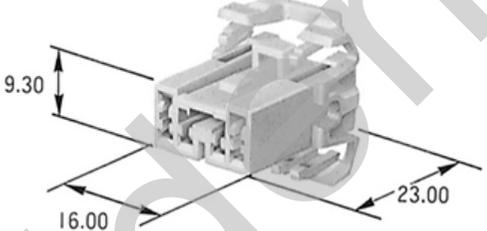
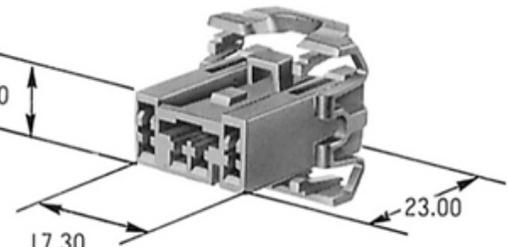
矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形 状	材 質 (表面处理・色)	備 考
7114-1300 (7B14-1300)	C TYPE TERMINAL MALE (CM)		黄銅 (TIN PLATING)	AVS, CAVS 0.3
7114-1301 (7B14-1301)				AVS, CAVS 0.5~0.85
7114-1300-08	C TYPE TERMINAL MALE (CM-AU)		黄銅 (GOLD PLATING 0.38 μm)	AVS, CAVS 0.3
7114-1301-08				AVS, CAVS 0.5~0.85
7114-1601 (7B14-1601)	C TYPE TERMINAL MALE (CM-2AU)		黄銅 (GOLD PLATING 0.76 μm)	AVX 0.5
7114-1602-08 (7B14-1602-08)				CAVS 0.5~0.85

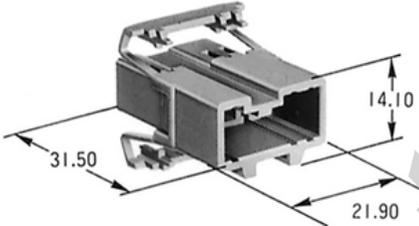
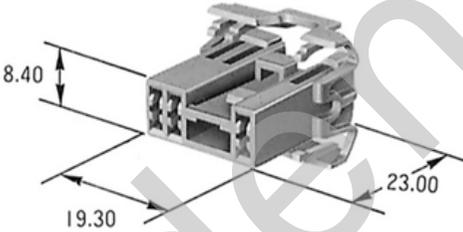
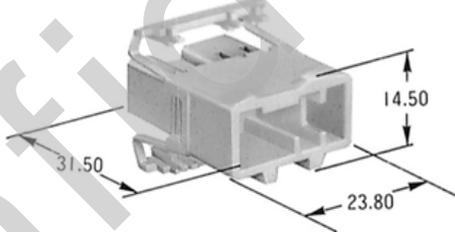
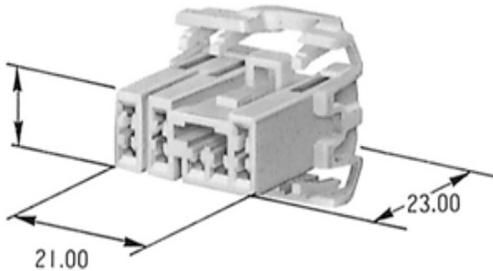
矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形 状	材 質 (表面処理・色)	備 考
7116-1300 (7B16-1300)	C TYPE TERMINAL FEMALE (CF)		銅合金 (TIN PLATING)	AVS, CAVS 0.3
7116-1301 (7B16-1301)				AVS, CAVS 0.5~0.85
7116-1300-08	C TYPE TERMINAL FEMALE (CF-AU)		銅合金 (GOLD PLATING 0.38 μm)	AVS, CAVS 0.3
7116-1301-08				AVS, CAVS 0.5~0.85
7116-1601 (7B16-1601)	C TYPE TERMINAL FEMALE (CF-2AU)		銅合金 (GOLD PLATING 0.76 μm)	AVX 0.5
7116-1602-08 (7B16-1602-08)				CAVS 0.5~0.85

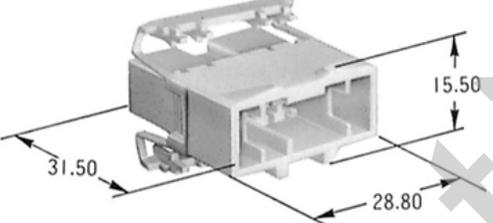
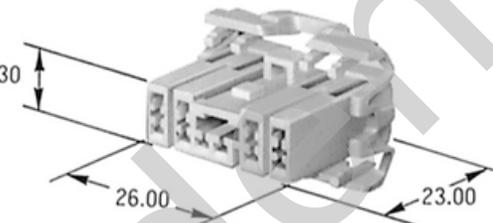
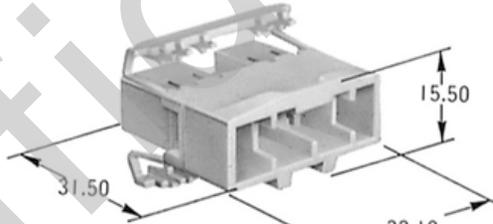
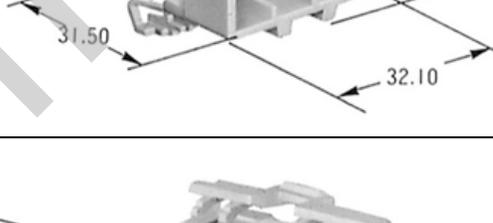
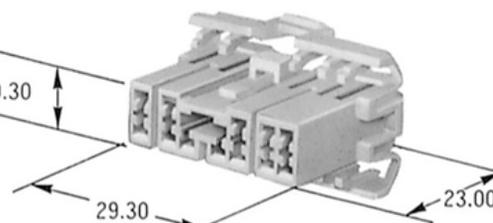
矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形 状	材 質 (表面処理・色)	備 考
7122-7820	C TYPE HOUSING 2P MALE (C02MW)		PBT (NATURAL)	
7123-7820	C TYPE HOUSING 2P FEMALE (C02FW)		PBT (NATURAL)	
7123-7820-30	C TYPE HOUSING 2P FEMALE (C02FW-B)		PBT (BLACK)	
7122-7821-30	C TYPE HOUSING 2P MALE (C02MB)		PBT (BLACK)	
7123-7821-30	C TYPE HOUSING 2P FEMALE (C02FB)		PBT (BLACK)	

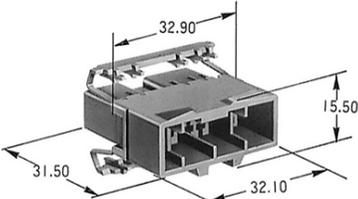
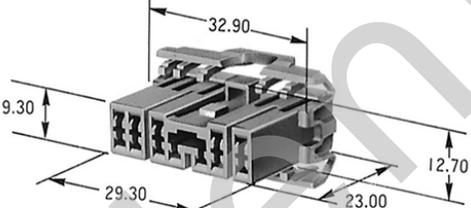
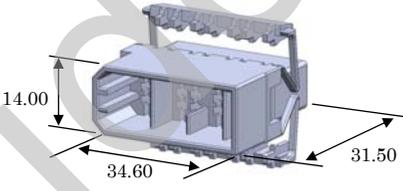
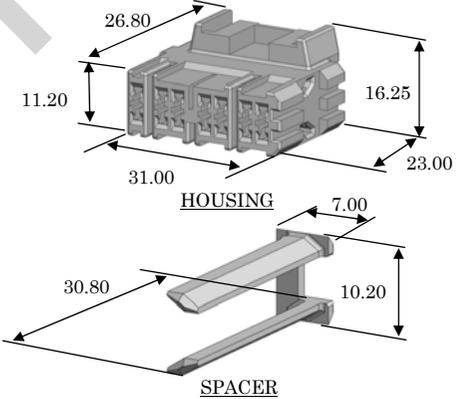
矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形状	材質 (表面処理・色)	備 考
7123-7822-80	C TYPE HOUSING 2P FEMALE (C02FBR)		PBT (BROWN)	
7122-7830	C TYPE HOUSING 3P MALE (C03MW)		PBT (NATURAL)	
7123-7830	C TYPE HOUSING 3P FEMALE (C03FW)		PBT (NATURAL)	
7122-7840	C TYPE HOUSING 4P MALE (C04MW)		PBT (NATURAL)	
7123-7840	C TYPE HOUSING 4P FEMALE (C04FW)		PBT (NATURAL)	

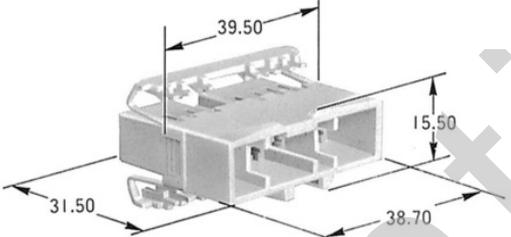
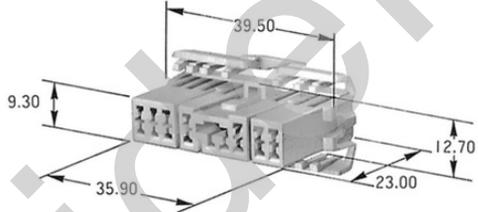
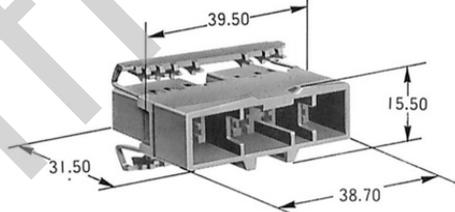
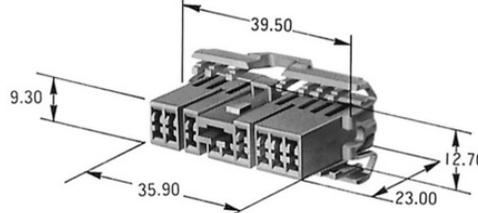
矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形状	材質 (表面処理・色)	備考
7122-7841-30	C TYPE HOUSING 4P MALE (C04MB)		PBT (BLACK)	
7123-7841-30	C TYPE HOUSING 4P FEMALE (C04FB)		PBT (BLACK)	
7122-7842-80	C TYPE HOUSING 4P MALE (C04MBR)		PBT (BROWN)	
7123-7842-80	C TYPE HOUSING 4P FEMALE (C04FBR)		PBT (BROWN)	

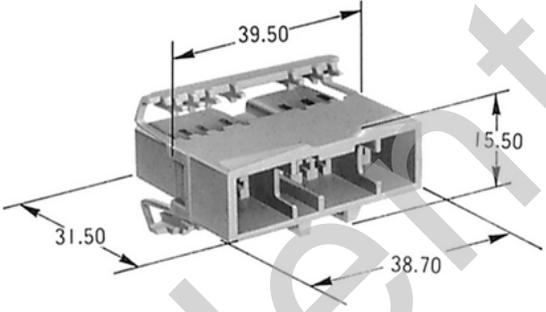
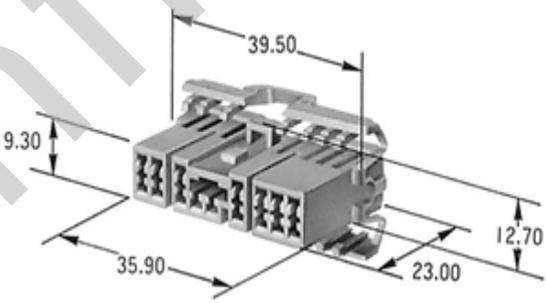
矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形 状	材 質 (表面処理・色)	備 考
7122-7860	C TYPE HOUSING 6P MALE (C06MW)		PBT (NATURAL)	
7122-7860-70 (7B22-7860-70)	C TYPE HOUSING 6P MALE (C06MW-Y)		PBT (YELLOW)	
7123-7860	C TYPE HOUSING 6P FEMALE (C06FW)		PBT (NATURAL)	
7122-7861-30	C TYPE HOUSING 6P MALE (C06MB)		PBT (BLACK)	
7123-7861-30	C TYPE HOUSING 6P FEMALE (C06FB)		PBT (BLACK)	

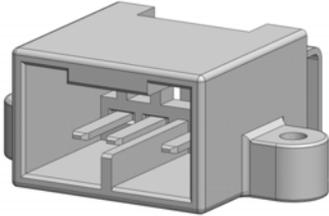
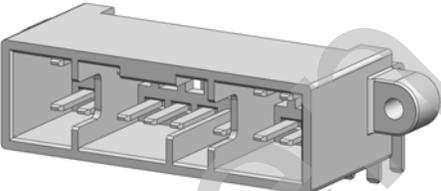
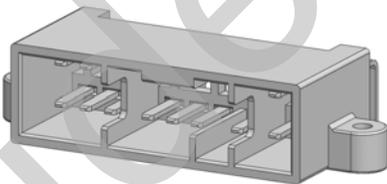
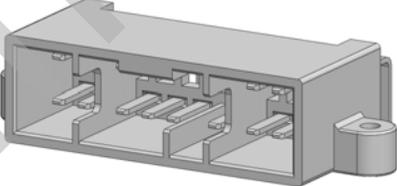
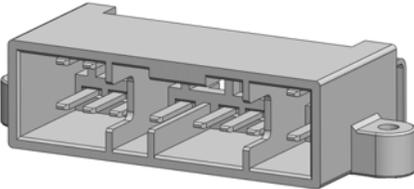
矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形状	材質 (表面处理・色)	備考
7122-7862-80 (7B22-7862-80)	C TYPE HOUSING 6P MALE (C06MBR)		PBT (BROWN)	
7123-7862-80 (7B23-7862-80)	C TYPE HOUSING 6P FEMALE (C06FBR)		PBT (BROWN)	
7122-7880	C TYPE HOUSING 8P MALE (C08MW)		PBT (NATURAL)	
7123-7880	C TYPE HOUSING 8P FEMALE (C08FW)		PBT (NATURAL)	
7123-7880-30	C TYPE HOUSING 8P FEMALE (C08FW-B)		PBT (BLACK)	
7123-7880-80	C TYPE HOUSING 8P FEMALE (C08FW-BR)		PBT (BROWN)	

矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形 状	材 質 (表面処理・色)	備 考
7122-7900	C TYPE HOUSING 10P MALE (C10MW)		PBT (NATURAL)	
7123-7900	C TYPE HOUSING 10P FEMALE (C10FW)		PBT (NATURAL)	
7122-7920	C TYPE HOUSING 12P MALE (C12MW)		PBT (NATURAL)	
7122-7920-70 (7B22-7920-70)	C TYPE HOUSING 12P MALE (C12MW-Y)		PBT (YELLOW)	
7123-7920 (7B23-7920)	C TYPE HOUSING 12P FEMALE (C12FW)		PBT (NATURAL)	

矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形 状	材 質 (表面処理・色)	備 考
7122-7921-30	C TYPE HOUSING 12P MALE (C12MB)		PBT (BLACK)	
7123-7921-30	C TYPE HOUSING 12P FEMALE (C12FB)		PBT (BLACK)	
7122-7943-40	C TYPE HOUSING 14P MALE (C14MGY)		PBT (GRAY)	
HOUSING: 7123-7943-40  SPACER: 7157-6990-30	C TYPE HOUSING 14P FEMALE (C14FGY-P)		<ul style="list-style-type: none"> <li>• HOUSING PBT (GRAY)</li> <li>• SPACER PBT (BLACK)</li> </ul>	

矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形 状	材 質 (表面处理・色)	備 考
7122-7960	C TYPE HOUSING 16P MALE (C16MW)		PBT (NATURAL)	
7122-7960-70 (7B22-7960-70)	C TYPE HOUSING 16P MALE (C16MW-Y)		PBT (YELLOW)	
7123-7960 (7B23-7960)	C TYPE HOUSING 16P FEMALE (C16FW)		PBT (NATURAL)	
7122-7961-30	C TYPE HOUSING 16P MALE (C16MB)		PBT (BLACK)	
7123-7961-30	C TYPE HOUSING 16P FEMALE (C16FB)		PBT (BLACK)	

矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形 状	材 質 (表面処理・色)	備 考
7122-7962-80	C TYPE HOUSING 16P MALE (C16MBR)		PBT (BROWN)	
7123-7962-80	C TYPE HOUSING 16P FEMALE (C16FBR)		PBT (BROWN)	

矢崎品番 (エアバッグ品番)	矢崎品名 (符号)	形 状	材 質 (表面処理・色)	備 考
7322-7864	C TYPE PCB CONNECTOR 6P ASSEMBLY (HORIZONTAL) (C06HW)		<ul style="list-style-type: none"> <li>・ HOUSING PBT (NATURAL)</li> <li>・ TERMINAL 黄銅 (TIN PLATING)</li> </ul>	
7322-7969	C TYPE PCB CONNECTOR 16P ASSEMBLY (HORIZONTAL) (C16HW)		<ul style="list-style-type: none"> <li>・ HOUSING PBT (NATURAL)</li> <li>・ TERMINAL 黄銅 (TIN PLATING)</li> </ul>	
7322-7967-80	C TYPE PCB CONNECTOR 16P ASSEMBLY (HORIZONTAL) (C16HBR)		<ul style="list-style-type: none"> <li>・ HOUSING PBT (BROWN)</li> <li>・ TERMINAL 黄銅 (TIN PLATING)</li> </ul>	
7322-7968-30	C TYPE PCB CONNECTOR 16P ASSEMBLY (HORIZONTAL) (C16HB)		<ul style="list-style-type: none"> <li>・ HOUSING PBT (BLACK)</li> <li>・ TERMINAL 黄銅 (TIN PLATING)</li> </ul>	
7322-7966	C TYPE PCB CONNECTOR 16P ASSEMBLY (VERTICAL) (C16VW)		<ul style="list-style-type: none"> <li>・ HOUSING PBT (NATURAL)</li> <li>・ TERMINAL 黄銅 (TIN PLATING)</li> </ul>	

Handling Manual  
for  
C Type Connector

<NOTE>

Please be informed that the contents in this handling manual  
may be revised without any notice.

YAZAKI CORPORATION  
YAZAKI PARTS CO., LTD

March 30, 2015

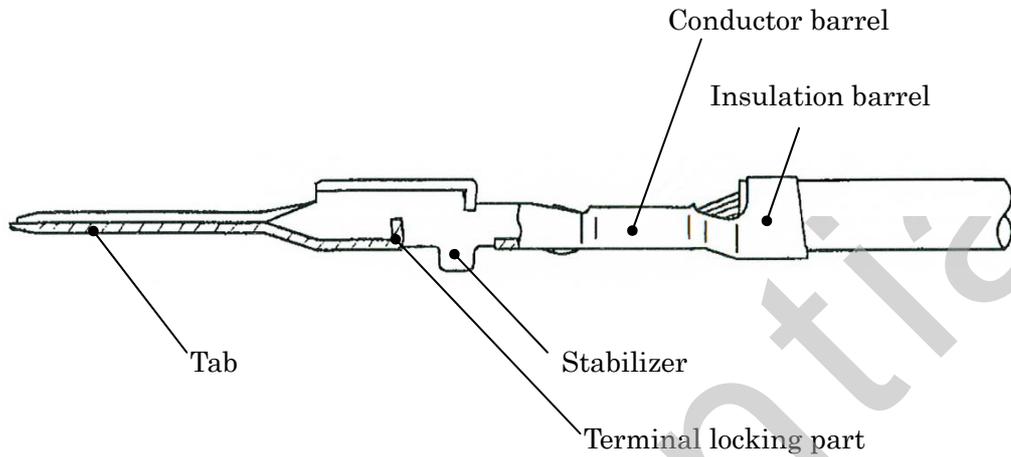
This handling manual mentions the minimum requirements on using this product. Please follow all of these requirements when you handle this product. We shall not be liable for any damages resulting from misuse or failure to follow this manual.

## Table of Contents

1. Component: Part name and function	P.2 - 5
2. Handling of components	P.6 - P.7
3. Terminal crimping specification	P.8 - 13
4. Handling of terminated wire	P. 14
5. Method and precautions for connector assembly	P.15 - 17
6. Terminal / rear holder removal method and precautions	P.18 - 21
7. Precautions for assembly of wiring harness	P. 22
8. Precautions for continuity inspection	P. 22
9. Precautions for packaging or wiring harness	P. 23 - 24
10. Connector mating and unmating	P. 25 - 26
Component parts list	Attached sheet 1-12

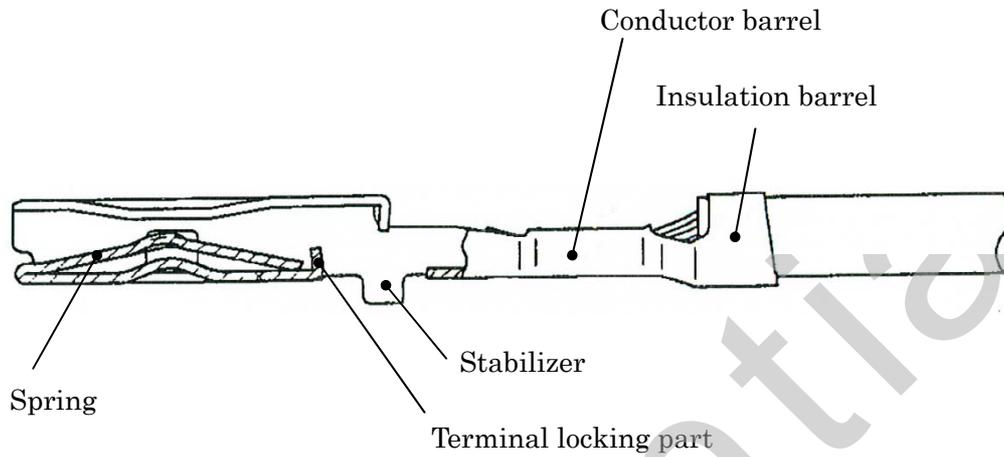
## 1. Component: Part name and function

## 1-1. Male terminal



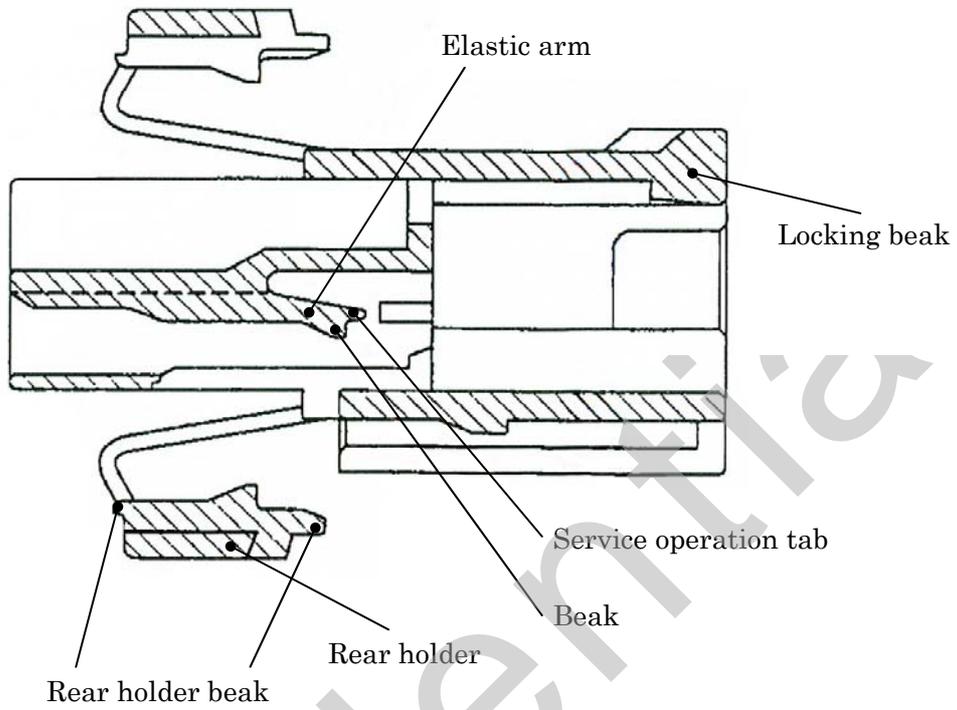
Part name	Function
Tab	Contact with a female terminal
Terminal locking part	Lock with a housing
Stabilizer	Prevent the terminal from being inserted in the housing in reverse.
Conductor barrel	Crimping on the wire conductor, and electrical connection
Insulation barrel	Crimping on the wire insulation, and strain relief

## 1-2. Female terminal



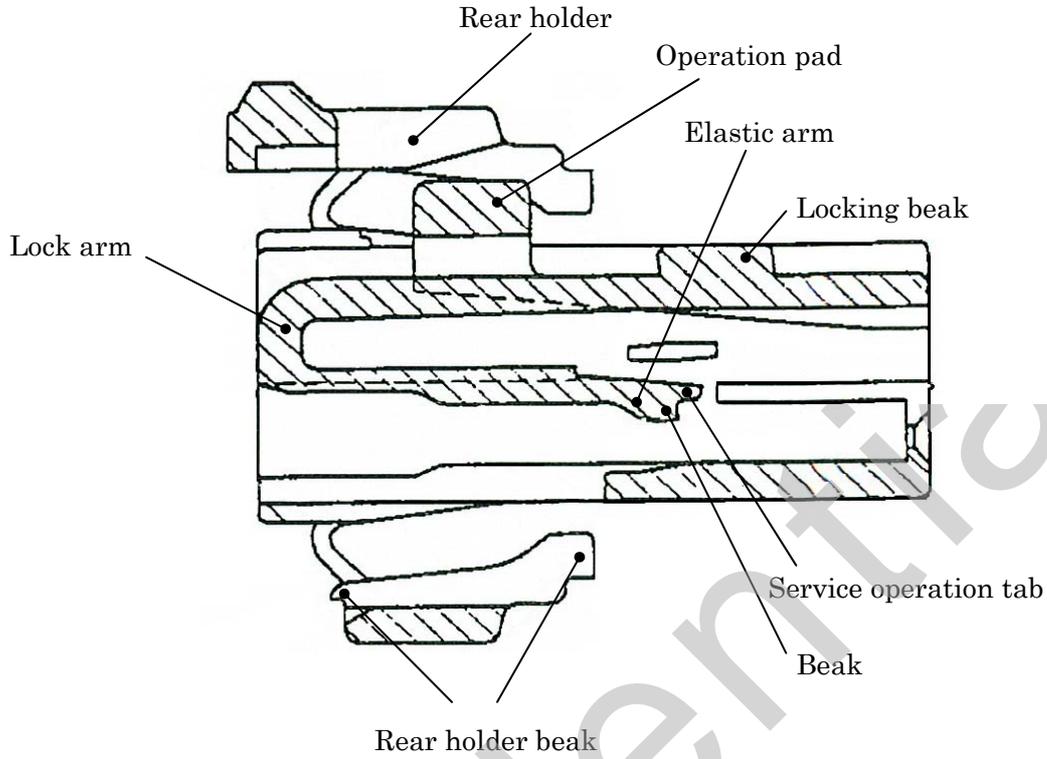
Part name	Function
Spring	Contact with a male terminal
Terminal locking part	Lock with a housing
Stabilizer	Prevent the terminal from being inserted in the housing in reverse.
Conductor barrel	Crimping on the wire conductor, and electrical connection
Insulation barrel	Crimping on the wire insulation, and strain relief

1-3. Male housing (including a rear holder)



Part name		Function
Housing lance	Service operation tab	Part used to release the beak
	Elastic arm	Flexible part of the lance
	Beak	Prevent a terminal from coming off
Locking beak		Lock with a female housing
Rear holder		Terminal secondary lock Detect terminal halfway-insertion
Rear holder beak		Locking with the housing body

1-4. Female housing (including a rear holder)



Part name		Function
Housing lance	Service operation tab	Part used to release the beak
	Elastic arm	Flexible part of the lance
	Beak	Prevent a terminal from coming off
Housing lock	Lock arm	Flexible part of the lock
	Locking beak	Lock with a male housing
	Operation pad	Surface used to release the housing lock
Rear holder		Terminal secondary lock Detect terminal halfway-insertion
Rear holder beak		Locking with the housing body

## 2. Handling of components

### 2-1. Incoming inspection

At the receiving of the parts, examine the parts for the following defects:

#### 2-1-1. Terminal

- Foreign object or wrong goods
- Burr, crack, deformation or flaw
- Discoloration, rust, unclean parts or peeling of plating
- Terminal tangling and loosening of terminals in the reel

#### 2-1-2. Housing (including rear holder)

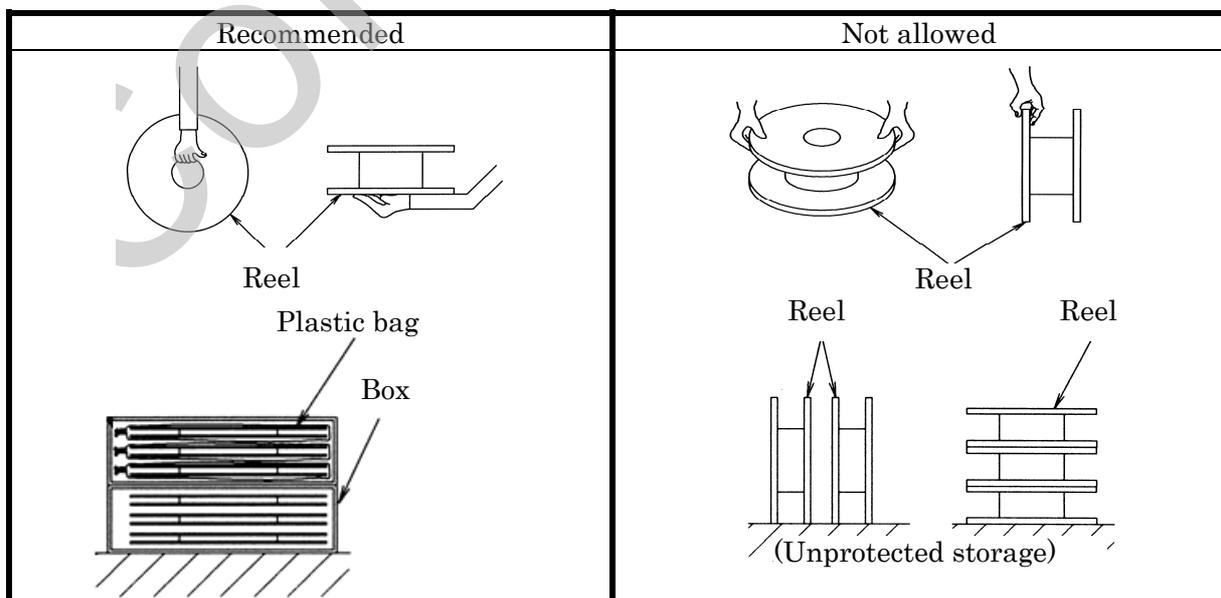
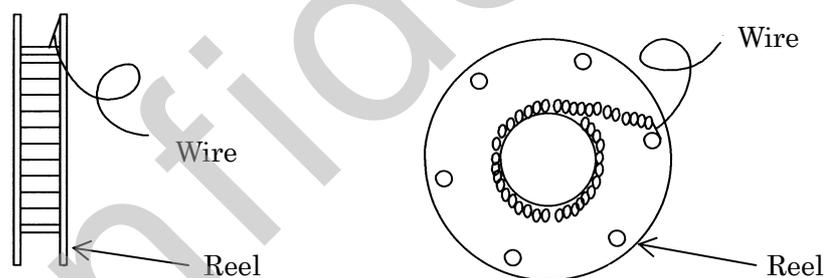
- Foreign object or wrong goods
- Flash, sink mark, drooping, chipping, crack, short shot, deformation or flaw

### 2-2. Precautions for shipping, storage and handling of parts

Following are the recommendations and precautions for transport or storage of parts, which should be followed in order to prevent the parts from deforming or being damaged. As to safety precautions at actual work environment, please ask our sales representative.

#### 2-2-1. Terminal

For an unfinished terminal reel, securely fix the terminals to the reel flange with e.g. a wire in order to prevent the terminal strip from unreeling in the reel. Observe the following instructions for transport or storage of the terminal reel.



#### Transport

- Terminal reel is made of a paper, so handle it gently.
- Put the terminal reel in a box (protection) in order to protect it against shock during transport. Use care not to damage or deform the parts during packaging.
- Do not apply strong shock to the parts, such as dropping them to the ground.

#### Storage

- Put the terminals (reel) in the box in which they were delivered. Keep water, dust, oil or toxic gas away from the parts, and do not leave them without protection.
- Terminals (reels) should be stored indoors, away from direct sunlight.
- Do not expose the terminals (reel) to heat or moisture.
- Make sure to store the terminals at proper conditions to avoid tarnishing, rust or other environmental defect.

#### 2-2-2. Housing

##### Transport

- Put the parts in a box (protection) in order to protect it against shock during transport. Use care not to damage or deform the parts during packaging.
- Do not apply strong shock to the parts, such as dropping them to the ground.

##### Storage

- Put the parts in the box in which they were delivered. Keep water, dust, oil or toxic gas away from the parts, and do not leave them without protection.
- Store the parts indoors, away from direct sunlight.
- Do not expose the parts to heat or moisture.
- Make sure to store the parts at proper conditions to avoid damage or other deterioration of the connector.

### 3. Terminal crimping specification

#### 3-1. Crimping standard

Please ask our sales representative for the crimping standards.

#### <NOTE>

- Crimping must be done satisfying all required crimping parameters. If any of the crimp parameters is out of specification, designed pull-out force and/or electrical performance (resistance) will not be achieved and the part will not work sufficiently.
- This section is only applicable when YAZAKI's crimping dies are used for crimping.

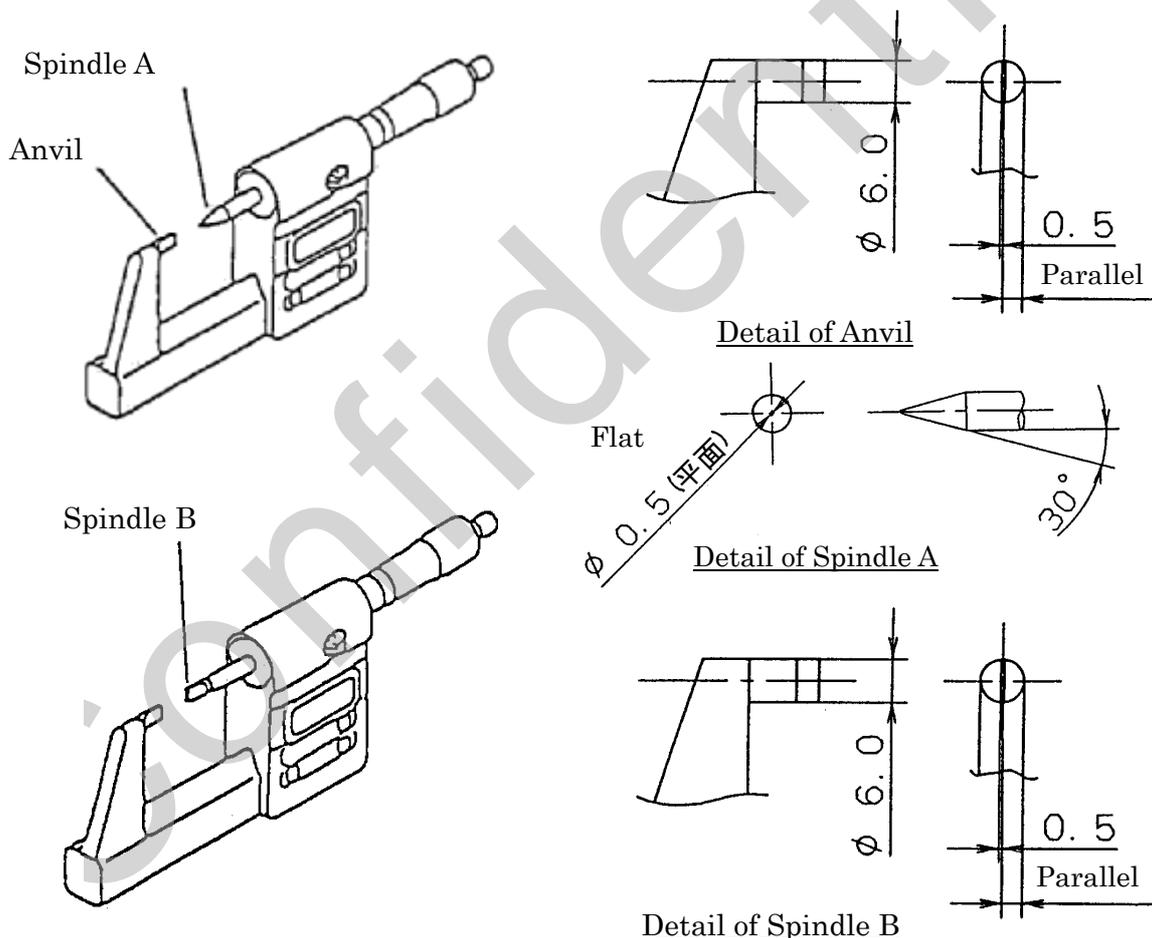
#### 3-2. Measurement equipment and method for crimp height and width

##### 3-2-1. Equipment

Micrometer shall be used for the measurement.

Use the following types of the anvil and spindle for the measurement.

The micrometer should be mounted on a stand during use.



Measurement	Spindle to be used
Conductor grip crimp height	Spindle A
Conductor grip crimp width	Spindle B
Insulation grip crimp height	
Insulation grip crimp width	

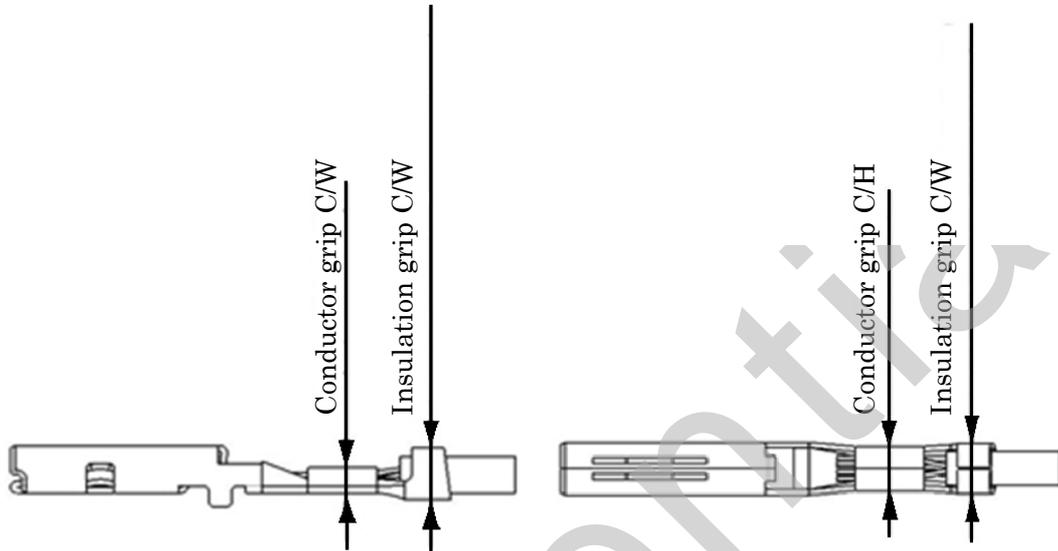
3-2-2. Measurement method for crimp height and width

Measure the crimp height and crimp width at the middle of each crimp.

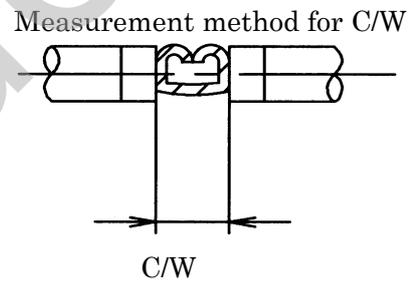
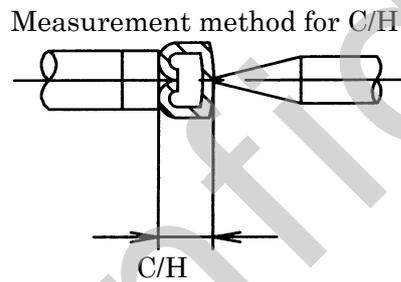
Use 2-points measurement method.

C/H ..... Crimp height

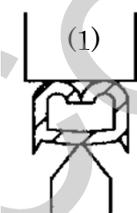
C/W ..... Crimp width



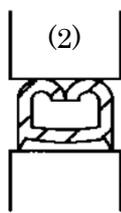
Conductor grip: Use a micro meter and measure it as shown below:



2-points measurement method



Spindle A

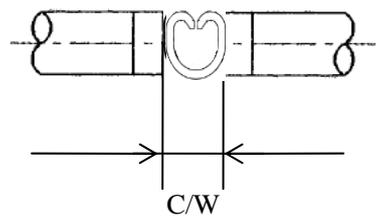
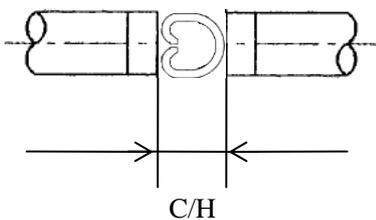


Spindle B

\* Measure it twice, (1) and (2)

\* (2) must be equal to or less than (1)

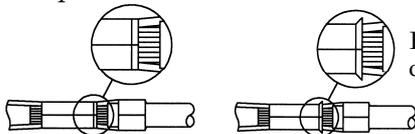
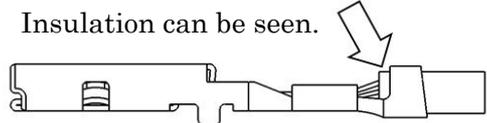
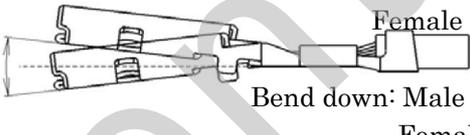
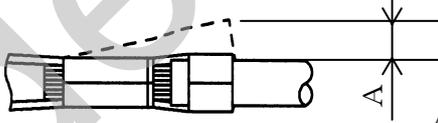
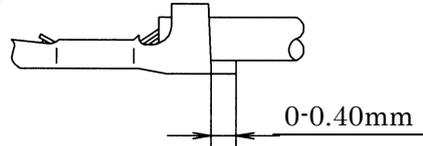
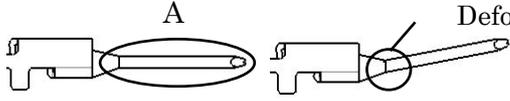
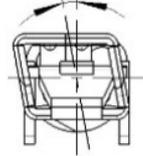
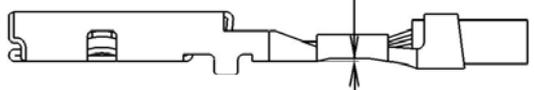
Insulation grip: Use a micro meter and measure it as shown below:



3-3. Precautions for crimping and acceptance criteria

- Crimp the wire as early as possible after the insulation is removed from the wire. Avoid moving or storing the stripped wires as the conductor strands can ravel easily.
- Do not use deformed or damaged terminal.
- Assemble the crimped terminal in housing as early as possible or use a clean plastic bag for the terminals to protect them from damage or contamination.
- Following checks should be made before, during and/or after crimping. Follow the dimensional requirements if specified in the following tables.

Check points	Check items	Criteria
1. Insulation stripping	1) Normal condition 2) Diagonal cut conductor 3) Cut conductor 4) Flaw on conductor 5) Diagonal cut insulation 6) Damaged insulation	
2. Crimped area (Conductor grip)	Normal crimping condition	
	1) Conductor fray	
	2) Bell-mouth	
	3) Barrel open	
	4) Insulation crimped by conductor barrel	
	5) Protruded conductor length	
6) Burr and twist		

Check points	Check items	Criteria
2. Crimped area (Conductor grip)	7) Widened bell-mouth	<p>Acceptable                      Unacceptable</p>  <p>Bell-mouth exceeds crimp width.</p>
3. Crimped area (Insulation grip)	Normal crimping condition	<p>Insulation can be seen.</p> 
	1) Insulation falls short of insulation grip	<p>Acceptable                      Unacceptable</p> <p>Insulation should be between arrows.      Insulation comes off from insulation grip.</p> 
4. Deformed by crimping	1) Bend up/down	<p>Bend up: Male Max. 1° Female Max. 2°</p> <p>Bend down: Male Max. 1° Female Max. 1°</p> 
	2) Horizontal terminal bend	 <p>A: Max. 0.1mm</p>
	3) Cut-off tab	 <p>0-0.40mm</p>
4. Deformed by crimping	4) Deformed female terminal	 <p>Unacceptable Deformation</p>
	5) Deformed male terminal	 <p>Unacceptable Deformation</p>
4. Deformed by crimping	6) Twist	 <p>Unacceptable Deformation which can be seen with naked eyes is not allowed.</p>
	7) Step on conductor grip	 <p>Unacceptable      Step on conductor grip.</p>

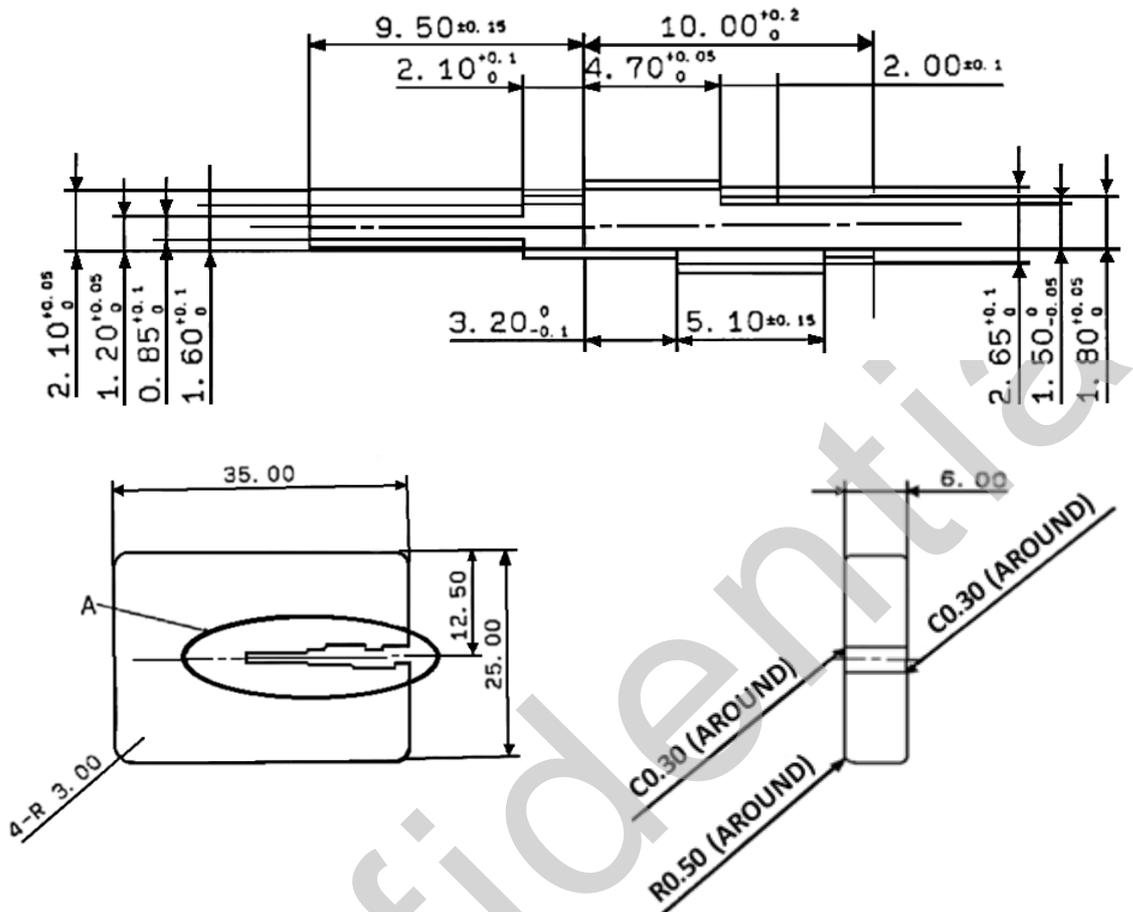
## - Bell-mouth

Applicable terminal P/N	Bell-mouth [mm]	
	Front	Rear
7114-1300 (7B14-1300)	—	0.30-0.60
7114-1301 (7B14-1301)	—	0.30-0.60
7114-1300-08	—	0.30-0.60
7114-1301-08	—	0.30-0.60
7114-1601 (7B14-1601)	—	0.30-0.60
7114-1602-08 (7B14-1602-08)	—	0.30-0.60
7116-1300 (7B16-1300)	—	0.30-0.60
7116-1301 (7B16-1301)	0.00-0.30	0.00-0.55
7116-1300-08	—	0.30-0.60
7116-1301-08	0.00-0.30	0.00-0.55
7116-1601 (7B16-1601)	—	0.30-0.60
7116-1602-08 (7B16-1602-08)	—	0.30-0.60

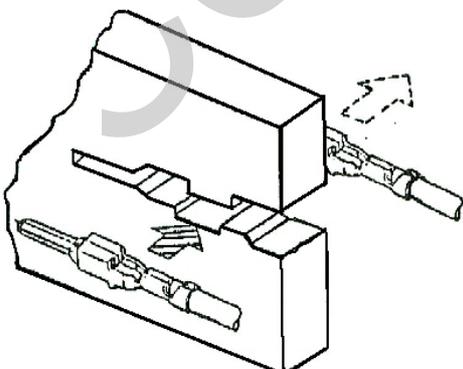
3-4. Crimping inspection gauge

\*CM terminal

Crimping inspection gauge example:



- Purpose  
To prevent failure in connector mating due to bend-up/down of the terminal.  
To improve the rear holder installation workability.
- How to use  
Insert the terminal straight and in parallel to the slot in the gauge.



- Acceptable  
➔ Terminal can smoothly pass through the gauge.
- Unacceptable  
➔ Terminal cannot pass through, or it requires force to pass through it.

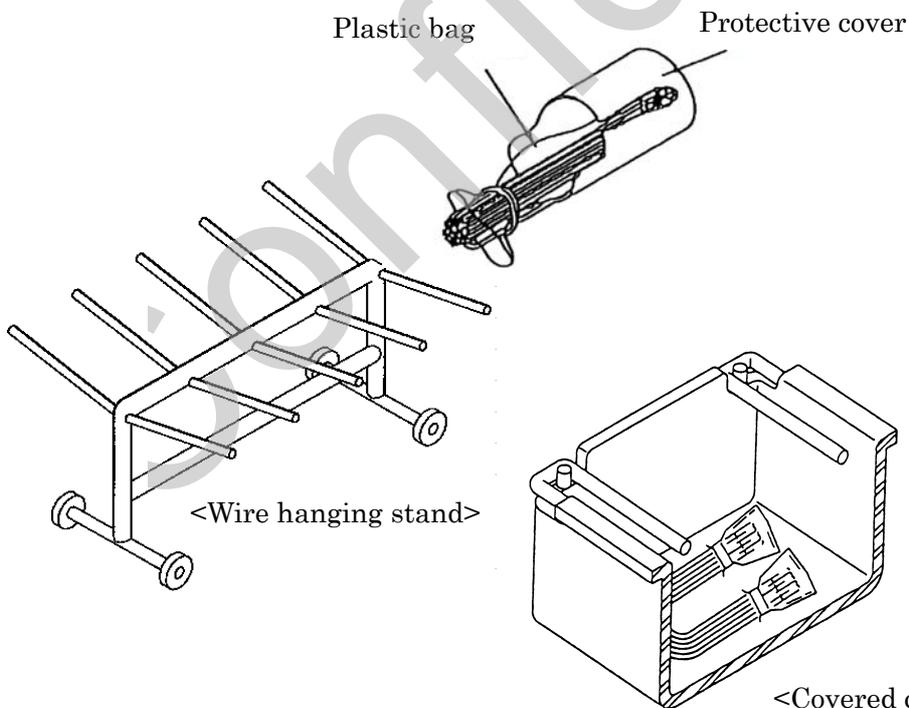
- Inspection frequency  
Inspect one terminal each at start and the end of each production lot.  
(Call the maintenance service for adjustment when a problem is found)

#### 4. Handling of terminated wires

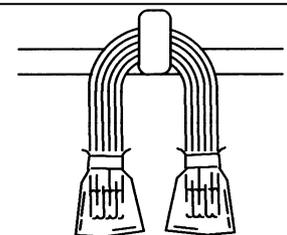
Assemble the terminated wires in the housing as early as possible. Terminated wire can get damaged or deformed easily during transport or storage, so observe the following instructions:

- Bundle the wires together with e.g. a rubber band. The number of wires to be bundled together should be less than 100. If more wires are bundled together, deformation or damages may occur due to the weight of their own or terminated wires being entangled with each other. Do not tap on the tips of the terminals when they are aligned for bundling.
- Put the terminated wires in a plastic bag in order to protect them against dust. Also use a protective cover over the plastic bag, and do not remove the protective cover and plastic bag right before the use.
- Put the terminated wires on a wire hanging stand or in a container with a lid for transport. Do not stack the terminated wires. If a container is used, make sure that the stabilizer on the terminal and/or mating features are not damaged or deformed due to the weight of the wires.
- When hanging the wires on the stand, do not let the wire ends touch the ground.
- Do not throw the terminated wires, and handle the parts gently.

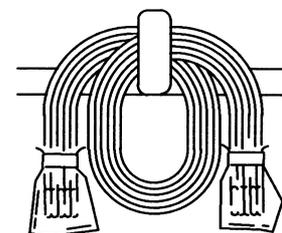
Example for handling of terminated wires



Example of wire hanging



<Short wires>



<Long wires>

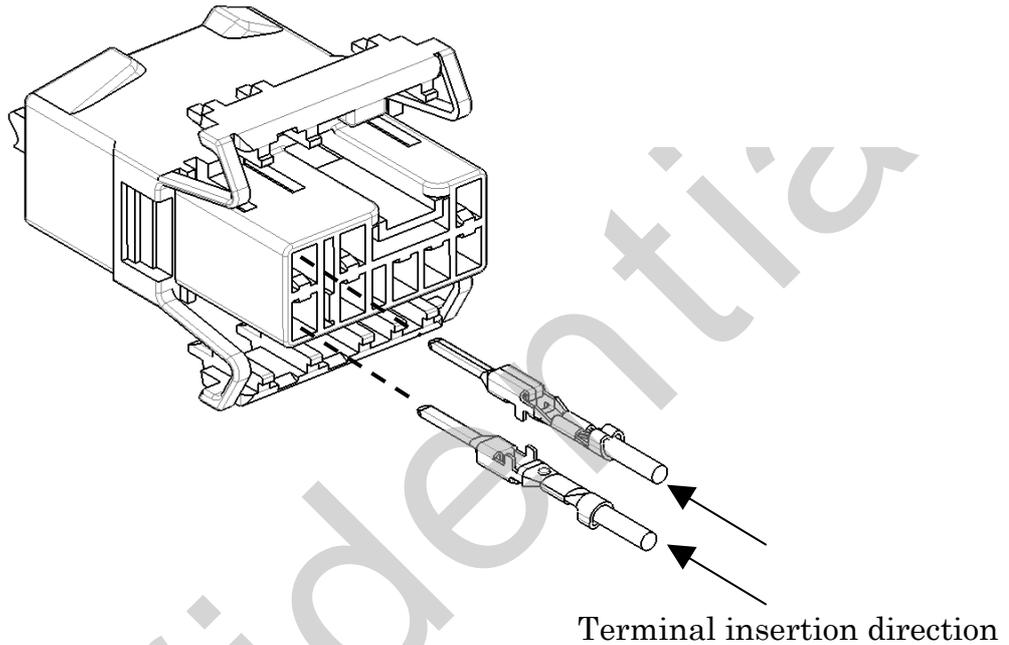
<Covered container>

## 5. Method and precautions for connector assembly

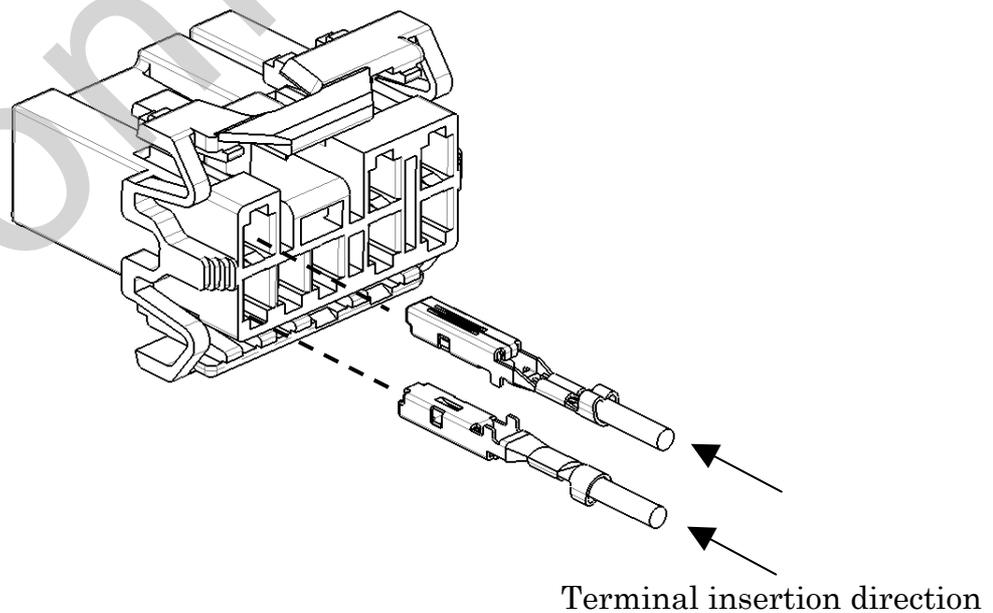
### 5-1. Terminal insertion into housing

- 1) As in the orientation shown below, insert the terminal into the housing. If the rear holder is at the full-lock position, it is not possible to insert the terminal.
- 2) Insert the terminal into the housing until an audible 'click' sound is heard.
- 3) Pull the wire lightly to confirm that the terminal is securely locked in the cavity.

- The male terminal must be inserted into the male housing.

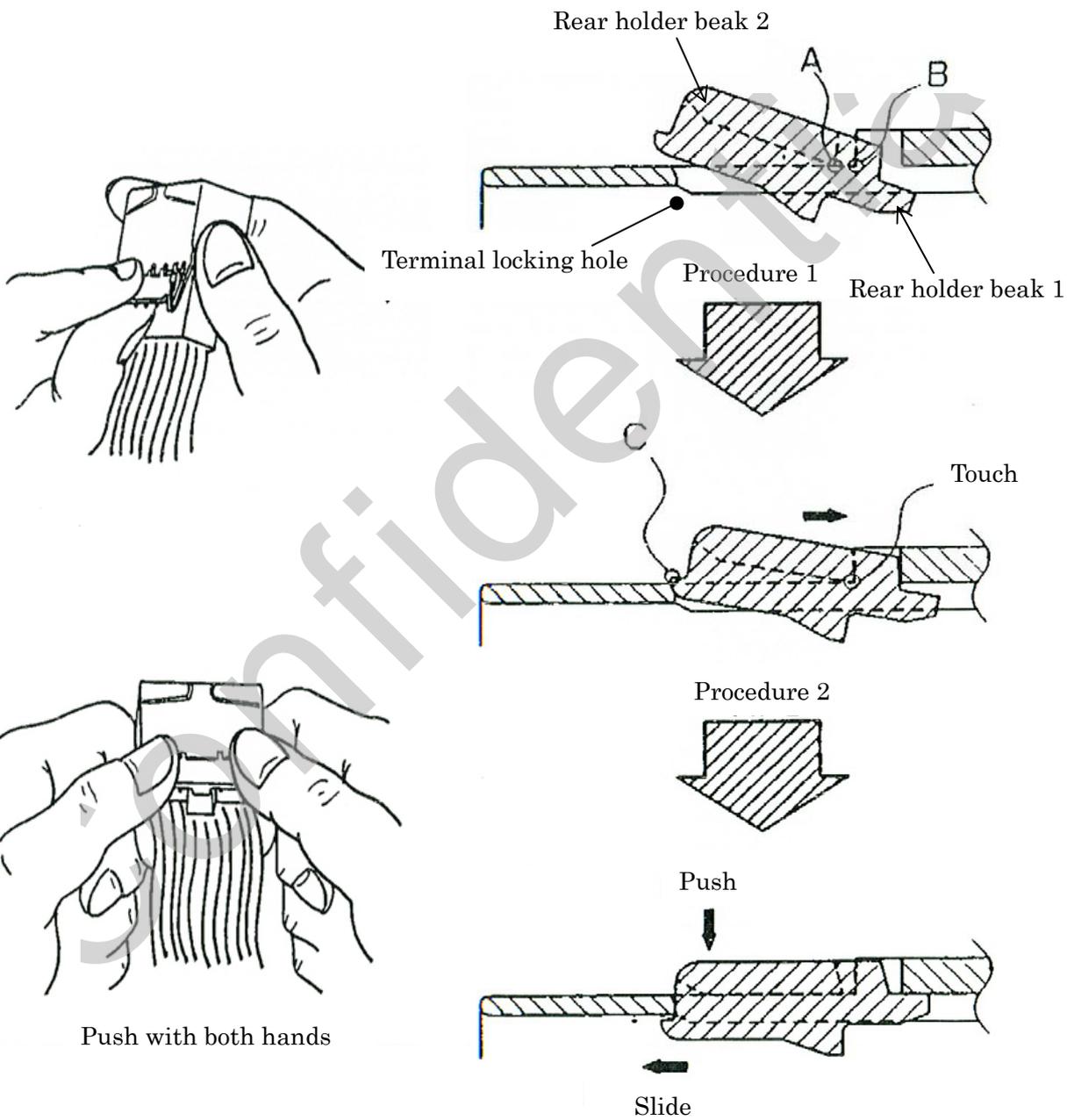


- The female terminal must be inserted into the female housing.



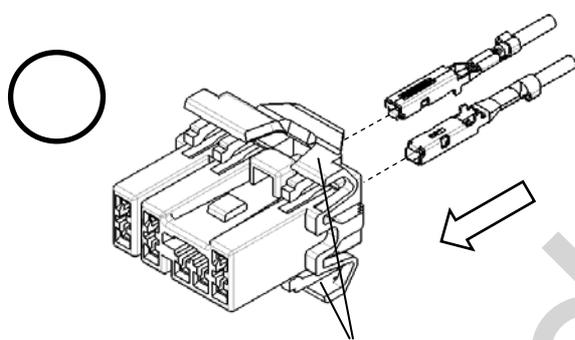
5-2. Full-locking operation (for male and female)

- 1) As shown below, the rear holder is an integral part of the housing. Insert the rear holder beak 1 into the terminal locking hole, and press the rear holder to hit the point 'A' of the rear holder against the point 'B' of the housing. (Procedure 1)
- 2) Push to insert the point 'C' of the rear holder in the housing and slide the rear holder backward. (Procedure 2)
- 3) After rear holder is installed, check if all lock beaks are completely locked. Specifically, care shall be taken not to damage lock beak in procedure 2.



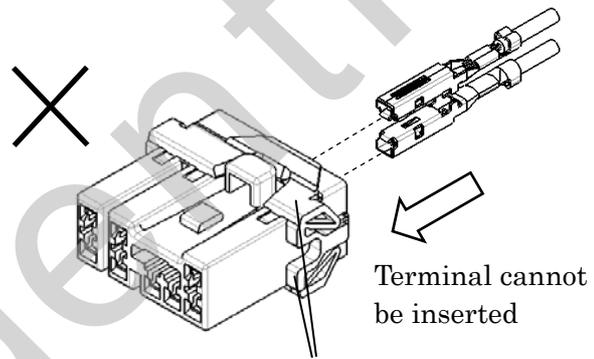
5-3. Precautions

- 1) Terminal cannot be inserted. -> (1) If the terminal is inserted in an improper direction, it cannot be inserted.  
(2) If the rear holder is at full-lock position, the terminal cannot be inserted. Remove the rear holder from the housing. (See 6-2 for the terminal removal method)
- 2) Rear holder cannot be inserted. -> (1) Terminal may be at halfway position in the housing. Check the terminal position. (If the rear holder is inserted forcibly, it may be damaged or broken)
- 3) Parts are accidentally deformed or damaged. -> Replace the part with new one.



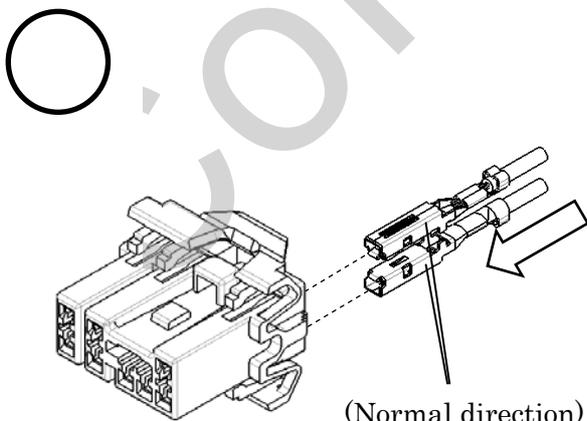
(Rear holder is at pre-set position)

(Pre-set condition)

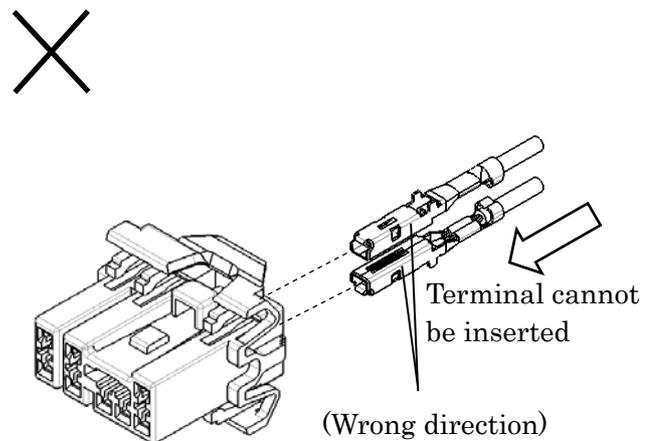


(Rear holder is at full-lock position)

(Full-lock condition)



(Terminal normal insertion)

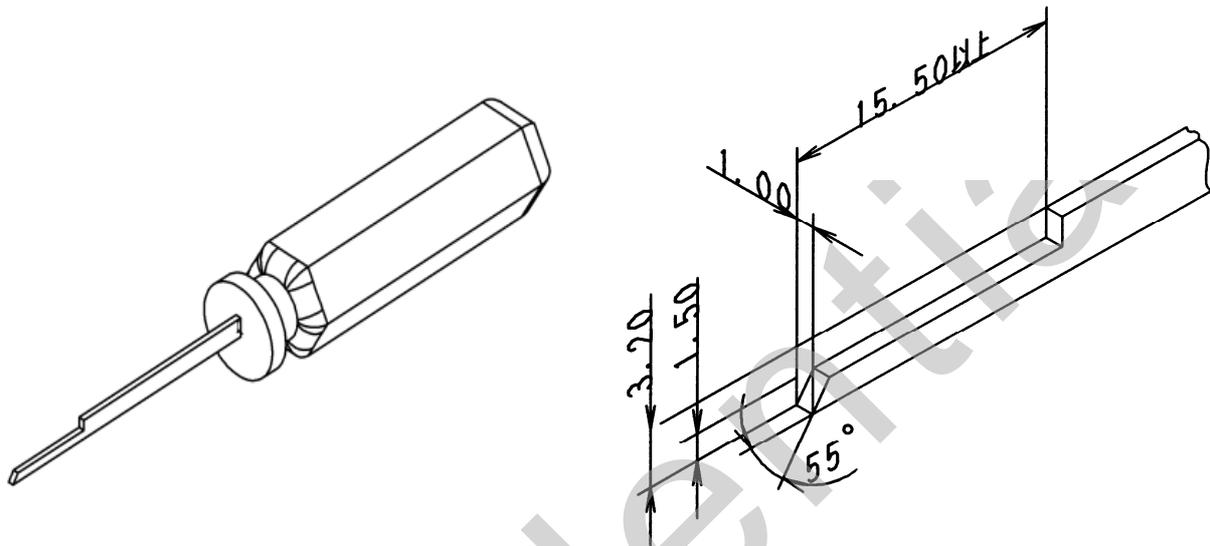


(Terminal wrong insertion)

## 6. Terminal / rear holder removal method and precautions

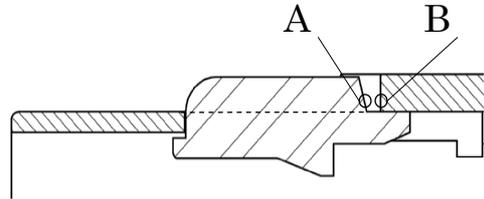
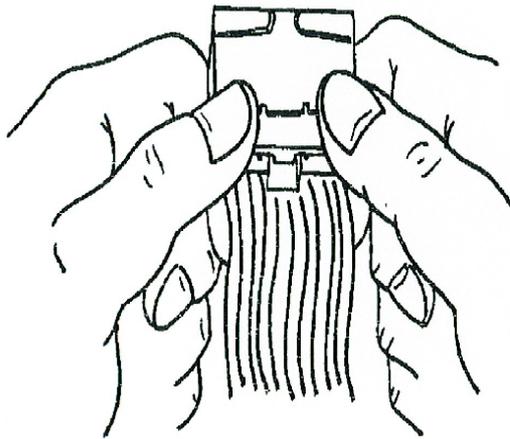
### 6-1. Removal tool

Use a designated tool shown below. Do not use other tools.  
(CKZ type part No. 49Y000057)

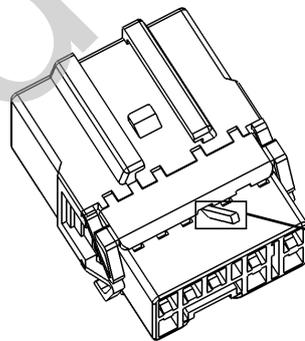
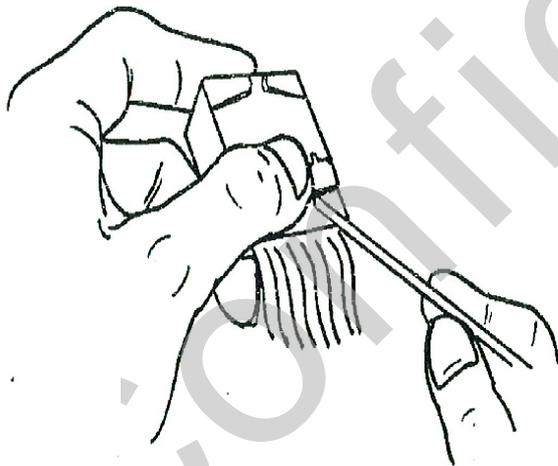
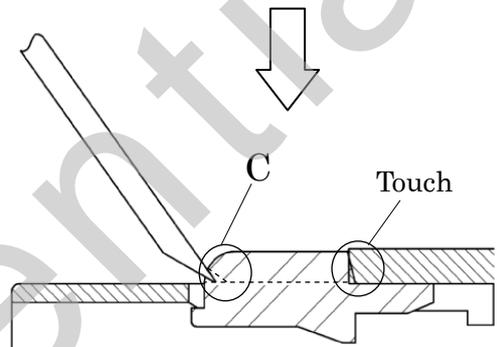


6-2. Method of terminal removal

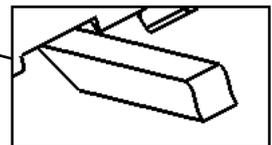
- 1) Move the rear holder until the point 'A' of the rear holder touches the point 'B' of the housing, then insert the removal tool in the area 'C' of the rear holder (Procedure 1). Release the rear holder beak and remove the rear holder upward (Procedure 2).



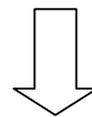
Procedure 1



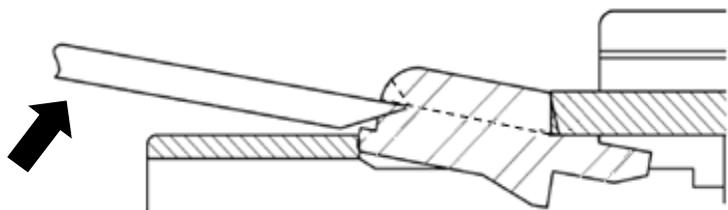
Tilt the tool



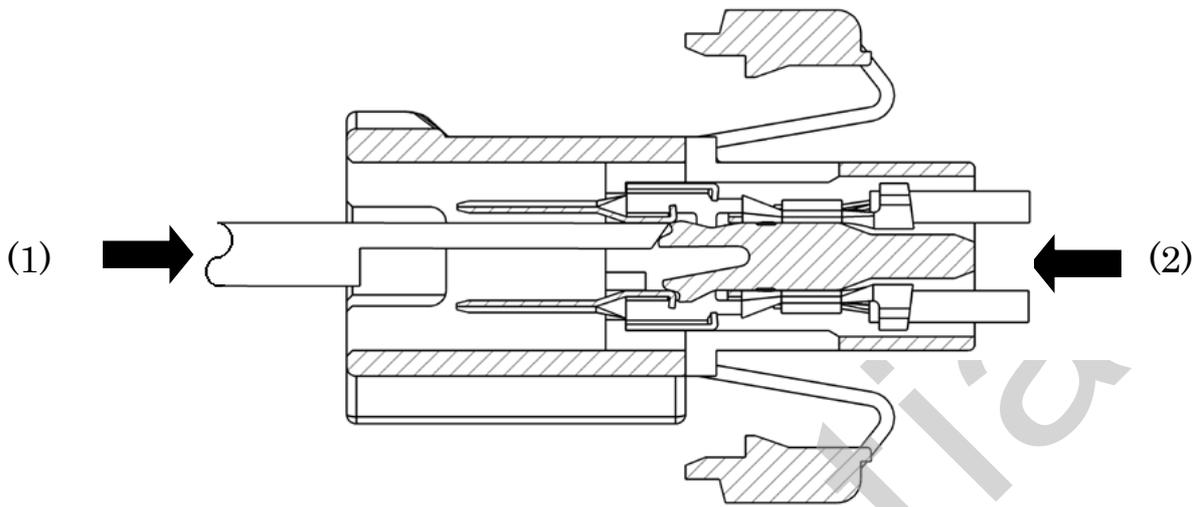
Procedure 2



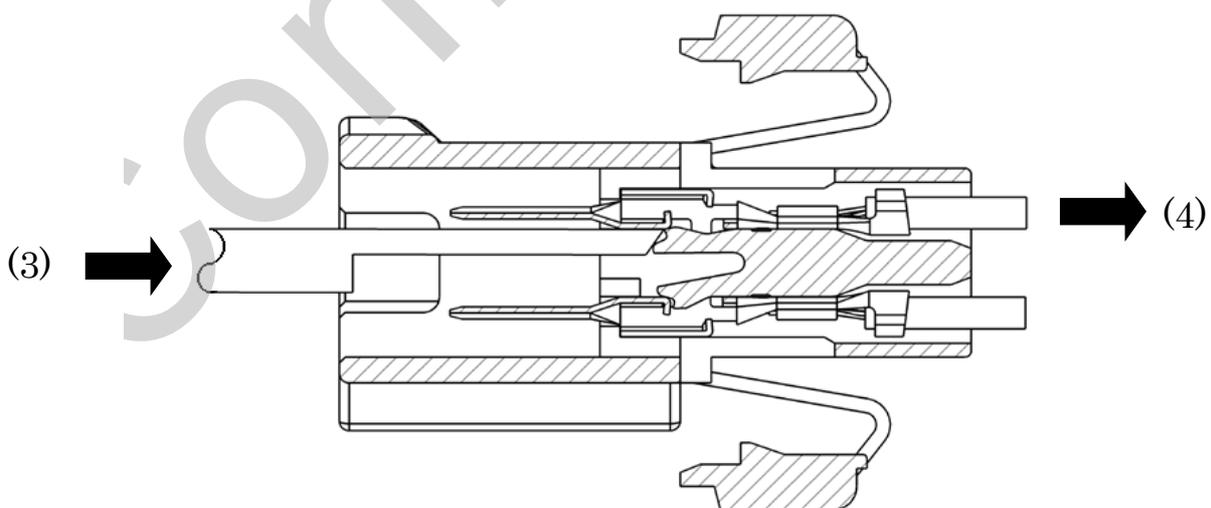
Release the beak



- 2) After the rear holder is removed, place the tip of the removal tool between the terminal and the service operation tab of the lance as shown in the illustration below (1). Then push the wire lightly in the direction (2).



- 3) Push the removal tool lightly in the direction of (3) to deflect the elastic arm. Then remove the terminal by pulling the wire in the direction (4).  
(The terminal can be removed straight, without wrenching.)

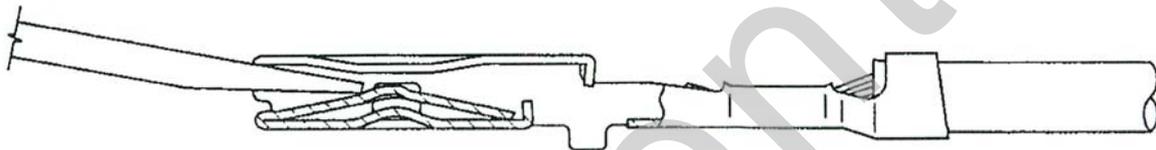


### 6-3. Precautions

- Make sure to place the tip of the removal tool in between the terminal and the service operation tab before removing the terminal.
- Do not wrench the removal tool. It can damage or deform the terminal.
- If the terminal cannot be removed easily, do not try to pull the terminal by force but conduct the removal procedure once again from the beginning.
- After removal of the terminal, visually examine the terminal to confirm that it is free of damage or deformation.

Replace a damaged or deformed part with new one; do not try to fix it by hand.

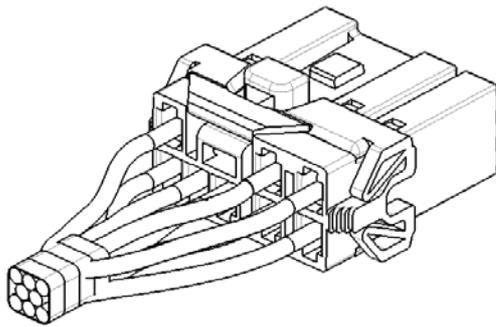
- If the removal tool is accidentally inserted into female terminal, replace the terminal with new one regardless of severity of the damage.
- If a removal tool other than the designated one is used, the terminal should not be used, and replace it with new one.



×

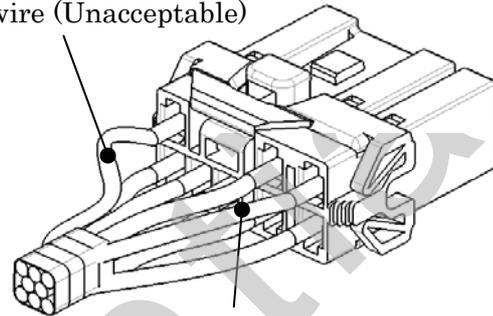
#### 7. Precautions for assembly of wiring harness

- Handle the terminated wires gently to avoid any damage to the terminals.
- If ultrasonic welding technique is used as a connection method for the parts (such as wire and terminal), it has to be verified that no negative effect on the parts will occur before using it.
- Apply tape in such a manner that every individual wire is subjected to an equal amount of tensile force. Concentration of tensile force on a particular wire may cause harmful effect such as inadvertent coming off of the terminal.



Acceptable

Slack wire (Unacceptable)



Tensioned wire (Unacceptable)

Unacceptable

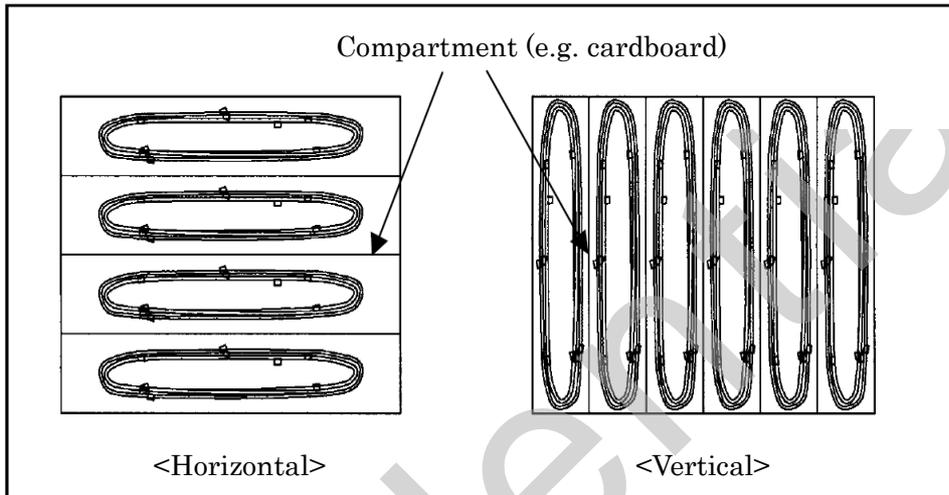
#### 8. Precautions for continuity inspection

For not to deform the housing or terminals, any tool used for wiring or continuity inspections shall have the accuracy equivalent to that of the mating connector. Replace any deformed or damaged part with new one regardless of severity of the damage or deformation.

9. Precautions for packaging of wiring harness

Like many other plastic parts, the connector can get damaged or deformed if external force is applied during e.g. transport or storage. Observe the following instructions in order to prevent such damage or deformation.

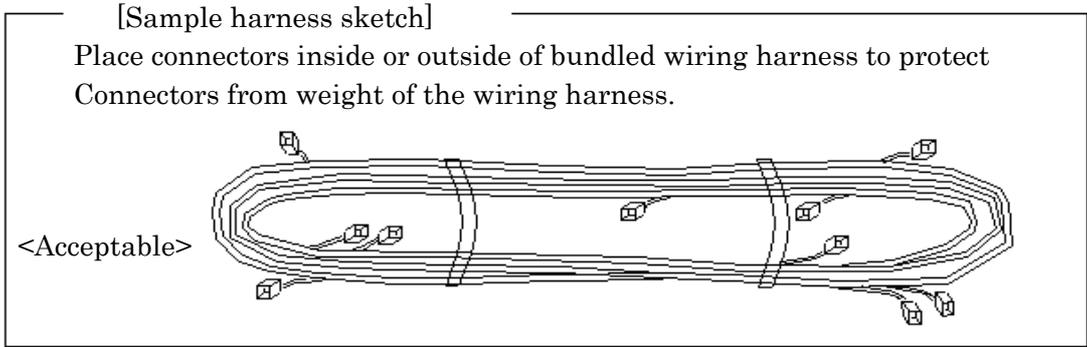
- 1) If more than one wire harness are stacked in a box, the connector can get damaged or deformed due to the weight of other wiring harness. Use partitions and/or supports as shown below in order to distribute the load and thus to prevent the deformation or damage.



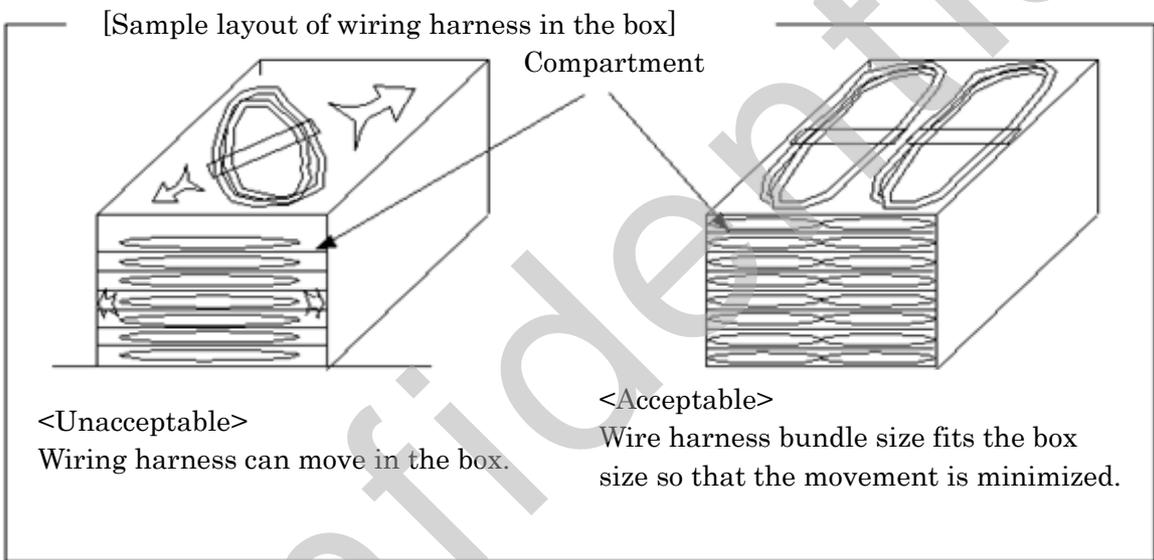
- 2) Junction block, relay box, protectors, brackets and any heavy and/or bulky item must be placed on the bottom of the compartment to prevent weight of such item from being applied to the connector as shown below.

	<p>Unacceptable</p>
	<p>Acceptable</p>

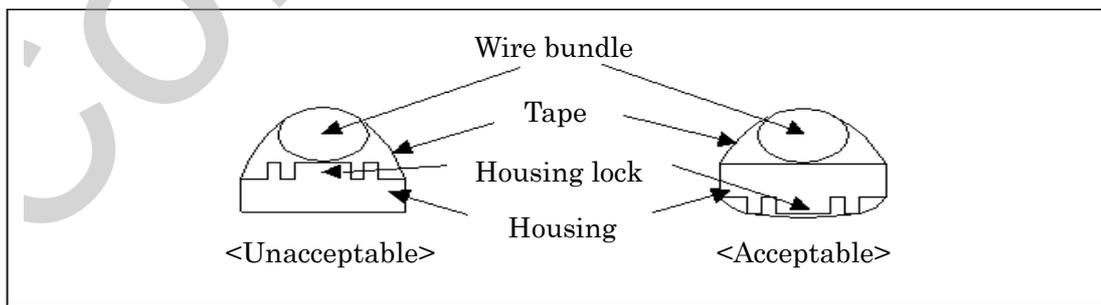
- 3) The connector must be positioned outside or in the center of the wiring harness bundle to prevent the weight of the wiring harness from being applied to the connector.



- 4) Bundle the wire harness in a size which fits the size of a box so that the wire harness does not move inside the box during transport or storage.



- 5) If the connector is taped on the wiring harness, use care for the housing lock or other flexible members of the connector not to come in contact with the harness.



- 6) When the wire harness is taken out from the box, use care not to damage the connectors as the parts and wires may have been entangled with each other in the box.
- 7) After transport or storage, check that the connector is free of damage.

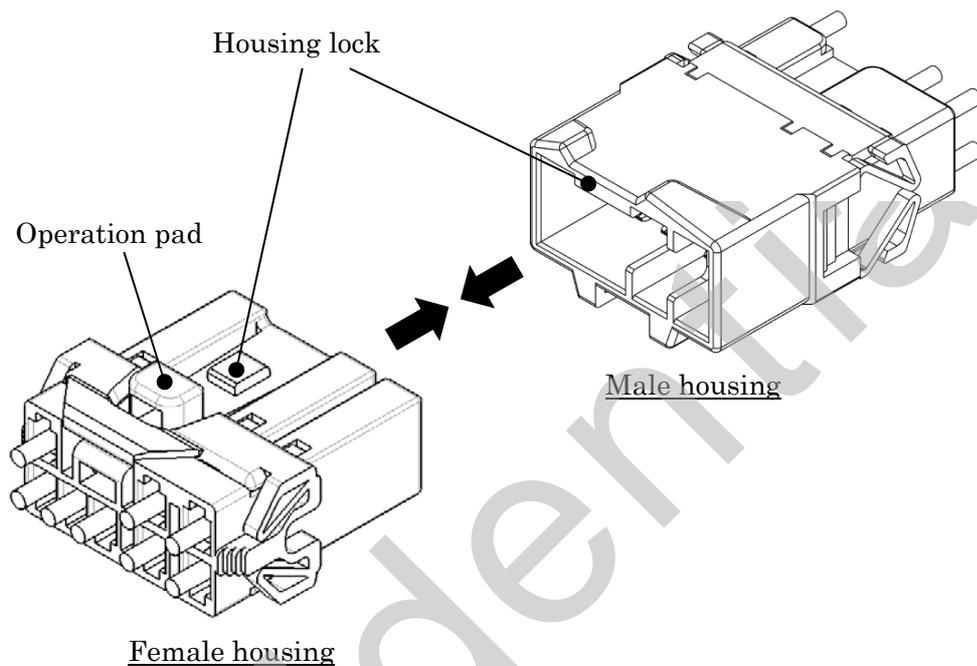
## 10. Connector mating and unmating

### 10-1. Connector mating

- 1) Orient the mating connectors as shown below, and mate the connectors straight without wrenching.

Do not press down the operation pad (i.e. housing lock) by hand during the mating of the connectors.

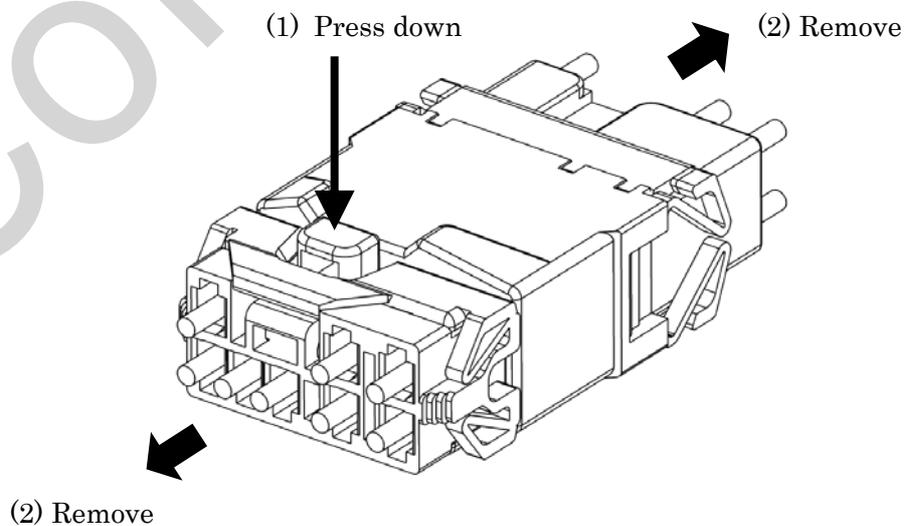
- 2) Mate the connectors completely. After mating, pull the connectors lightly to confirm that they are securely engaged.



### 10-2. Connector unmating

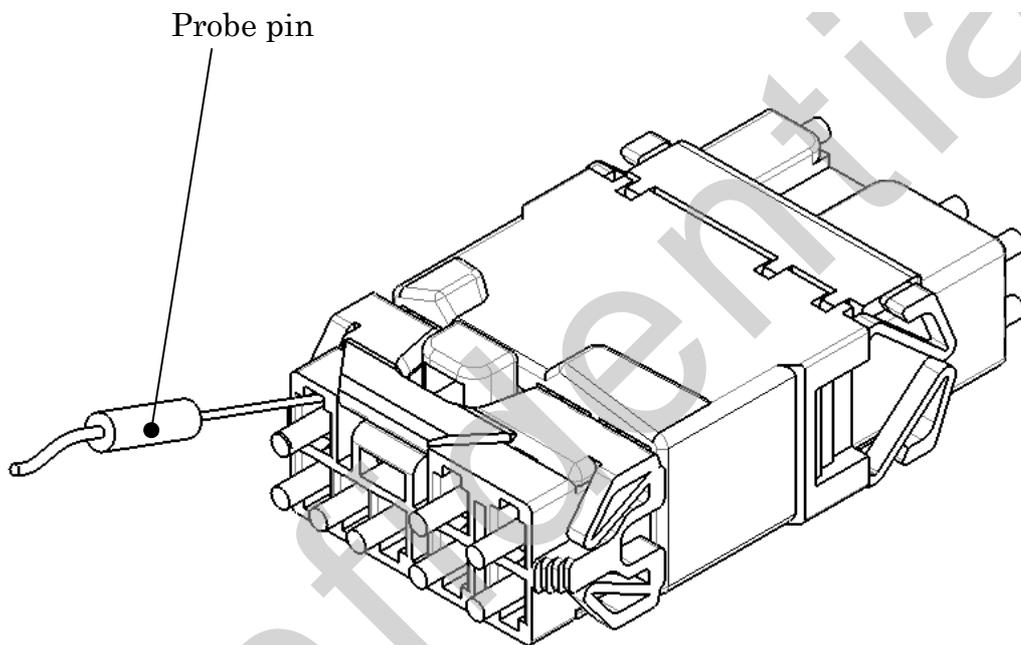
Hold the housings, and press down the operation pad and unmate the connectors.

\*Do not unmate the connectors by pulling the wires.

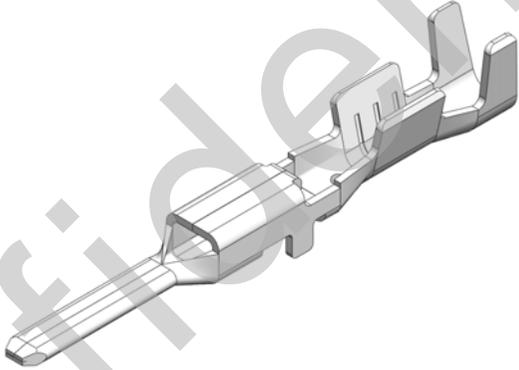


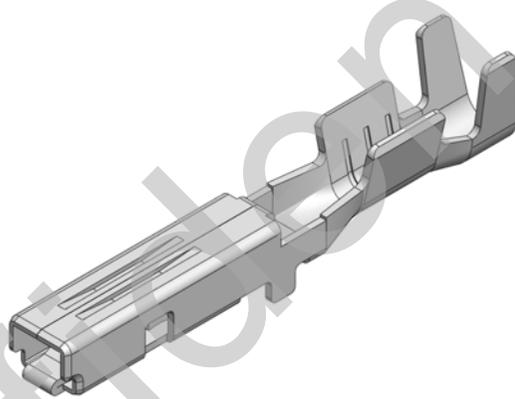
### 10-3. Continuity inspection after mating of connectors

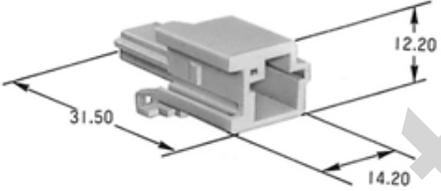
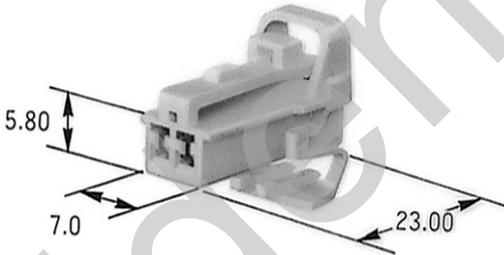
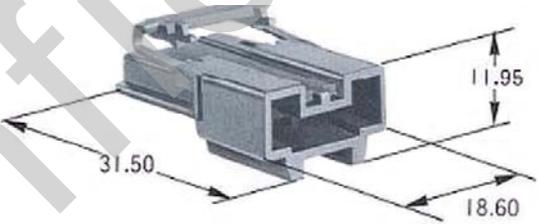
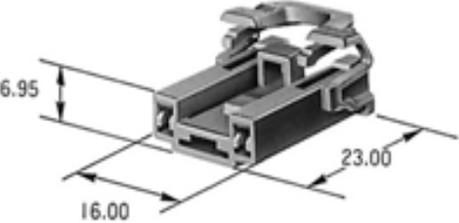
To confirm the continuity and voltage level, insert a probe pin from the wire side as shown below. If the probe pin cannot be inserted, use the mating connector to check the continuity.

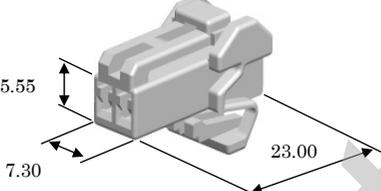
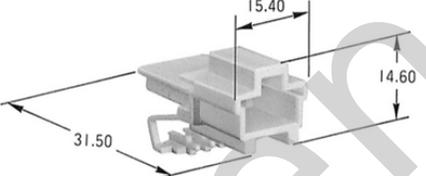
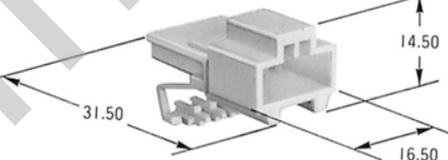
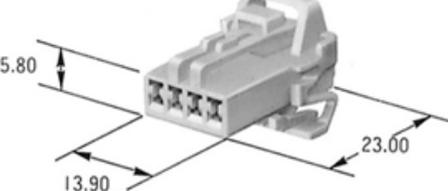


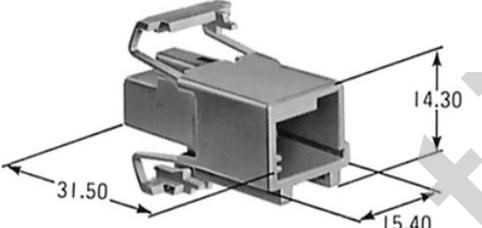
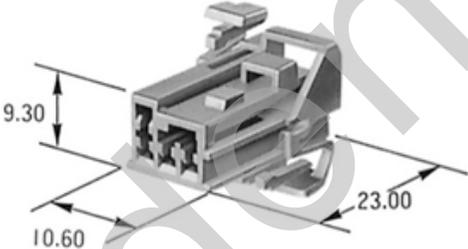
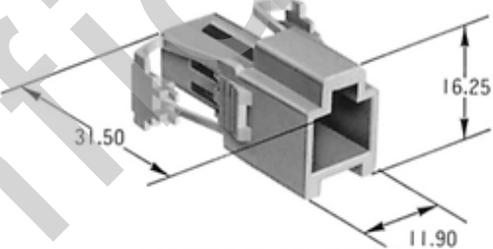
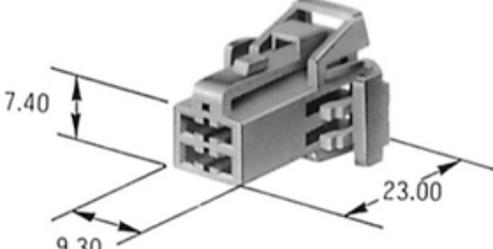
## Component parts list

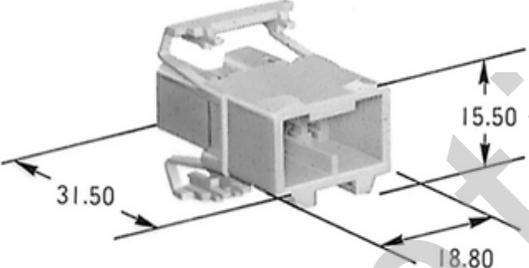
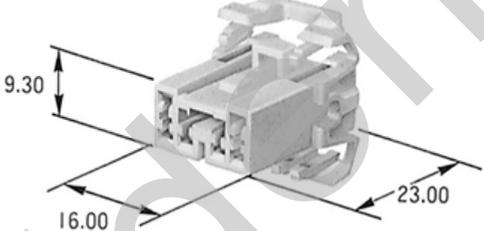
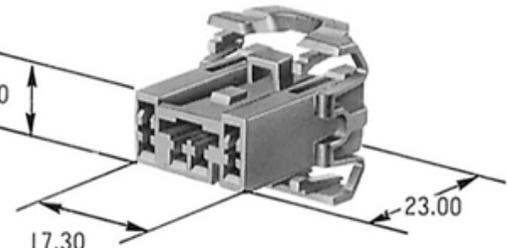
YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Plating/Color)	NOTE
7114-1300 (7B14-1300)	C TYPE TERMINAL MALE (CM)		BRASS (TIN PLATING)	AVS,CAVS 0.3
7114-1301 (7B14-1301)				AVS,CAVS 0.5-0.85
7114-1300-08	C TYPE TERMINAL MALE (CM-AU)		BRASS (GOLD PLATING 0.38μm)	AVS,CAVS 0.3
7114-1301-08				AVS,CAVS 0.5-0.85
7114-1601 (7B14-1601)	C TYPE TERMINAL MALE (CM-2AU)		BRASS (GOLD PLATING 0.76μm)	AVX 0.5
7114-1602-08 (7B14-1602-08)				CAVS 0.5-0.85

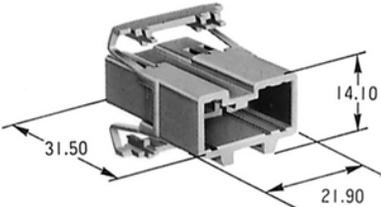
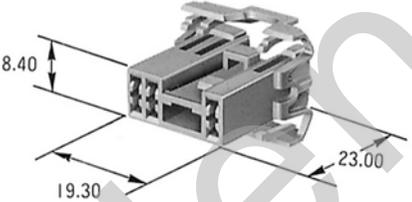
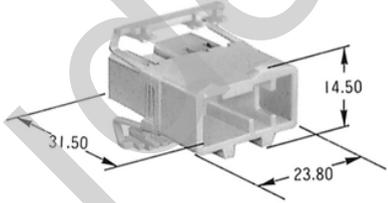
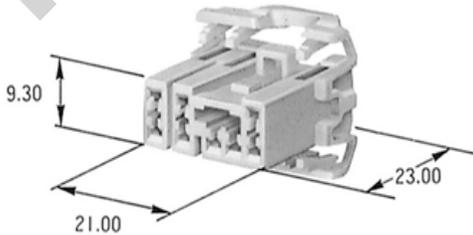
YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Plating/Color)	NOTE
7116-1300 (7B16-1300)	C TYPE TERMINAL FEMALE (CF)		COPPER ALLOY (TIN PLATING)	AVS,CAVS 0.3
7116-1301 (7B16-1301)				AVS,CAVS 0.5-0.85
7116-1300-08	C TYPE TERMINAL FEMALE (CF-AU)		COPPER ALLOY (GOLD PLATING 0.38μm)	AVS,CAVS 0.3
7116-1301-08				AVS,CAVS 0.5-0.85
7116-1601 (7B16-1601)	C TYPE TERMINAL FEMALE (CF-2AU)		COPPER ALLOY (GOLD PLATING 0.76μm)	AVX 0.5
7116-1602-08 (7B16-1602-08)				CAVS 0.5-0.85

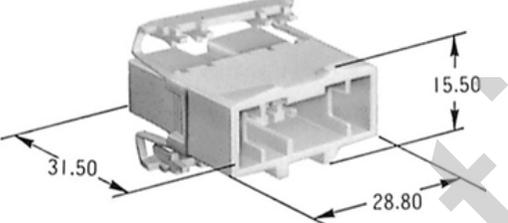
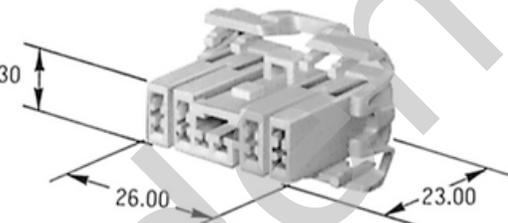
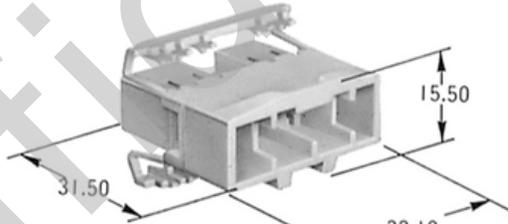
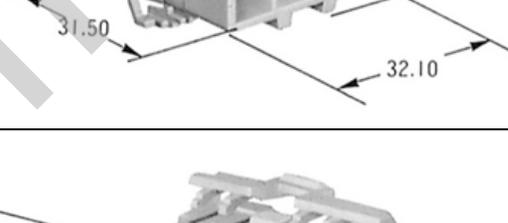
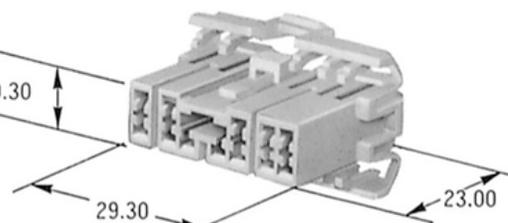
YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Color)	NOTE
7122-7820	C TYPE HOUSING 2P MALE (C02MW)		PBT (NATURAL)	
7123-7820	C TYPE HOUSING 2P FEMALE (C02FW)		PBT (NATURAL)	
7123-7820-30	C TYPE HOUSING 2P FEMALE (C02FW-B)		PBT (BLACK)	
7122-7821-30	C TYPE HOUSING 2P MALE (C02MB)		PBT (BLACK)	
7123-7821-30	C TYPE HOUSING 2P FEMALE (C02FB)		PBT (BLACK)	

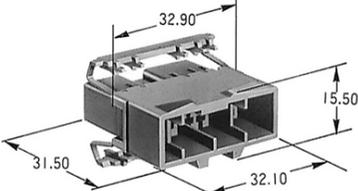
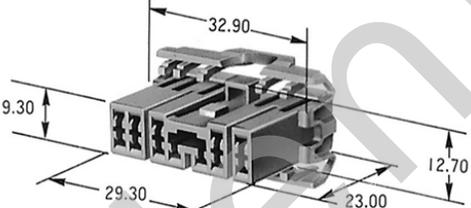
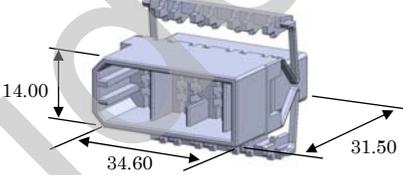
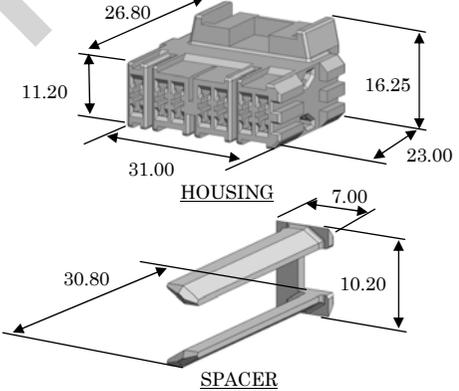
YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Color)	NOTE
7123-7822-80	C TYPE HOUSING 2P FEMALE (C02FBR)		PBT (BROWN)	
7122-7830	C TYPE HOUSING 3P MALE (C03MW)		PBT (NATURAL)	
7123-7830	C TYPE HOUSING 3P FEMALE (C03FW)		PBT (NATURAL)	
7122-7840	C TYPE HOUSING 4P MALE (C04MW)		PBT (NATURAL)	
7123-7840	C TYPE HOUSING 4P FEMALE (C04FW)		PBT (NATURAL)	

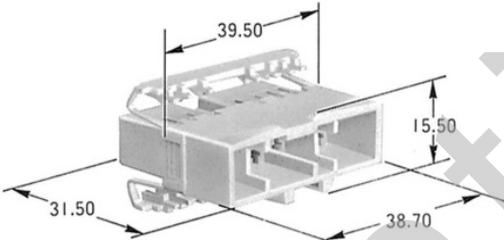
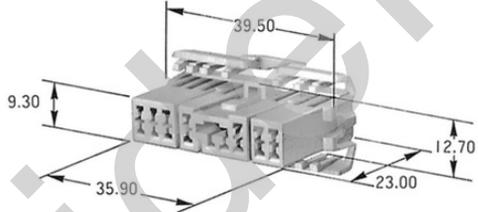
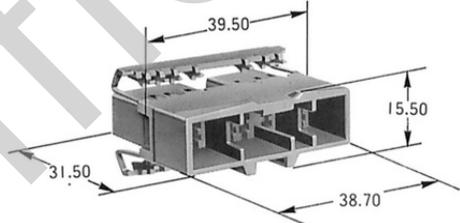
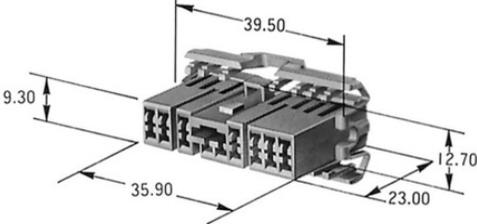
YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Color)	NOTE
7122-7841-30	C TYPE HOUSING 4P MALE (C04MB)		PBT (BLACK)	
7123-7841-30	C TYPE HOUSING 4P FEMALE (C04FB)		PBT (BLACK)	
7122-7842-80	C TYPE HOUSING 4P MALE (C04MBR)		PBT (BROWN)	
7123-7842-80	C TYPE HOUSING 4P FEMALE (C04FBR)		PBT (BROWN)	

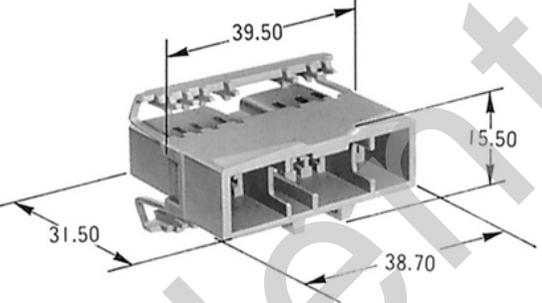
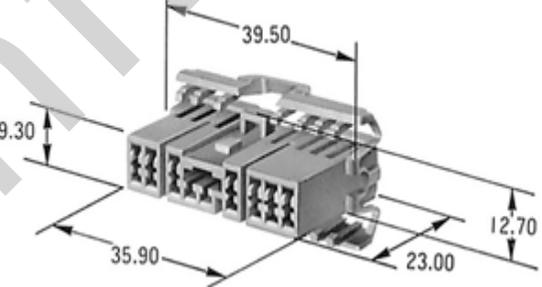
YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Color)	NOTE
7122-7860	C TYPE HOUSING 6P MALE (C06MW)		PBT (NATURAL)	
7122-7860-70 (7B22-7860-70)	C TYPE HOUSING 6P MALE (C06MW-Y)		PBT (YELLOW)	
7123-7860	C TYPE HOUSING 6P FEMALE (C06FW)		PBT (NATURAL)	
7122-7861-30	C TYPE HOUSING 6P MALE (C06MB)		PBT (BLACK)	
7123-7861-30	C TYPE HOUSING 6P FEMALE (C06FB)		PBT (BLACK)	

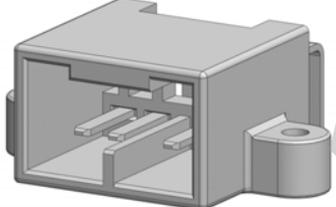
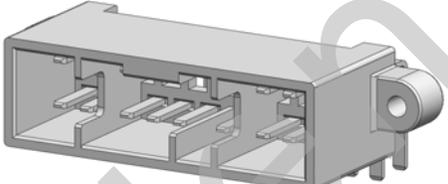
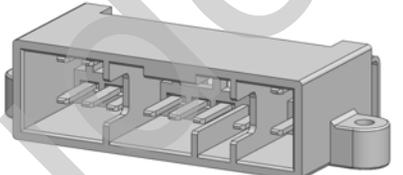
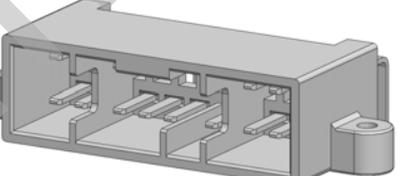
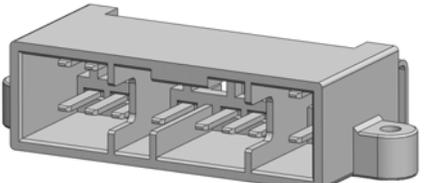
YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Color)	NOTE
7122-7862-80 (7B22-7862-80)	C TYPE HOUSING 6P MALE (C06MBR)		PBT (BROWN)	
7123-7862-80 (7B23-7862-80)	C TYPE HOUSING 6P FEMALE (C06FBR)		PBT (BROWN)	
7122-7880	C TYPE HOUSING 8P MALE (C08MW)		PBT (NATURAL)	
7123-7880	C TYPE HOUSING 8P FEMALE (C08FW)		PBT (NATURAL)	
7123-7880-30	C TYPE HOUSING 8P FEMALE (C08FW-B)		PBT (BLACK)	
7123-7880-80	C TYPE HOUSING 8P FEMALE (C08FW-BR)		PBT (BROWN)	

YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Color)	NOTE
7122-7900	C TYPE HOUSING 10P MALE (C10MW)		PBT (NATURAL)	
7123-7900	C TYPE HOUSING 10P FEMALE (C10FW)		PBT (NATURAL)	
7122-7920	C TYPE HOUSING 12P MALE (C12MW)		PBT (NATURAL)	
7122-7920-70 (7B22-7920-70)	C TYPE HOUSING 12P MALE (C12MW-Y)		PBT (YELLOW)	
7123-7920 (7B23-7920)	C TYPE HOUSING 12P FEMALE (C12FW)		PBT (NATURAL)	

YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Color)	NOTE
7122-7921-30	C TYPE HOUSING 12P MALE (C12MB)		PBT (BLACK)	
7123-7921-30	C TYPE HOUSING 12P FEMALE (C12FB)		PBT (BLACK)	
7122-7943-40	C TYPE HOUSING 14P MALE (C14MGY)		PBT (GRAY)	
HOUSING: 7123-7943-40  SPACER: 7157-6990-30	C TYPE HOUSING 14P FEMALE (C14FGY-P)		<ul style="list-style-type: none"> <li>• HOUSING PBT (GRAY)</li> <li>• SPACER PBT (BLACK)</li> </ul>	

YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Color)	NOTE
7122-7960	C TYPE HOUSING 16P MALE (C16MW)		PBT (NATURAL)	
7122-7960-70 (7B22-7960-70)	C TYPE HOUSING 16P MALE (C16MW-Y)		PBT (YELLOW)	
7123-7960 (7B23-7960)	C TYPE HOUSING 16P FEMALE (C16FW)		PBT (NATURAL)	
7122-7961-30	C TYPE HOUSING 16P MALE (C16MB)		PBT (BLACK)	
7123-7961-30	C TYPE HOUSING 16P FEMALE (C16FB)		PBT (BLACK)	

YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Color)	NOTE
7122-7962-80	C TYPE HOUSING 16P MALE (C16MBR)		PBT (BROWN)	
7123-7962-80	C TYPE HOUSING 16P FEMALE (C16FBR)		PBT (BROWN)	

YAZAKI PART NO. (Air-bag Part No.)	YAZAKI PART NAME (Code)	SHAPE	MATERIAL (Color)	NOTE
7322-7864	C TYPE PCB CONNECTOR 6P ASSEMBLY(HORIZONTAL) (C06HW)		<ul style="list-style-type: none"> <li>• HOUSING PBT (NATURAL)</li> <li>• TERMINAL BRASS(TIN PLATING)</li> </ul>	
7322-7969	C TYPE PCB CONNECTOR 16P ASSEMBLY(HORIZONTAL) (C16HW)		<ul style="list-style-type: none"> <li>• HOUSING PBT (NATURAL)</li> <li>• TERMINAL BRASS(TIN PLATING)</li> </ul>	
7322-7967-80	C TYPE PCB CONNECTOR 16P ASSEMBLY(HORIZONTAL) (C16HBR)		<ul style="list-style-type: none"> <li>• HOUSING PBT (BROWN)</li> <li>• TERMINAL BRASS(TIN PLATING)</li> </ul>	
7322-7968-30	C TYPE PCB CONNECTOR 16P ASSEMBLY(HORIZONTAL) (C16HB)		<ul style="list-style-type: none"> <li>• HOUSING PBT (BLACK)</li> <li>• TERMINAL BRASS(TIN PLATING)</li> </ul>	
7322-7966	C TYPE PCB CONNECTOR 16P ASSEMBLY(VERTICAL) (C16VW)		<ul style="list-style-type: none"> <li>• HOUSING PBT (NATURAL)</li> <li>• TERMINAL BRASS(TIN PLATING)</li> </ul>	