



KEY FEATURES

- First unique micro connector for the autosport market
- Cable accommodation 22, 24, 26 and 28 AWG
- Screening braid and boot can both be fitted
- Fully Intermateable with Micro^{Lite} HE and Fuel Immersible connectors.

GENERAL SPECIFICATION

Contact Size	Shell Size	Max. Current (amps)	Durability (cycles of engagement & disengagement)	Dielectric Withstanding Voltage (VAC)**	No. of Keyway Orientations	Wire Sealing (mm)		Temperature (°C)*	
						Min	Max	Min	Max
23	6	3	500	1000	5	0.60	1.37	-55	+170

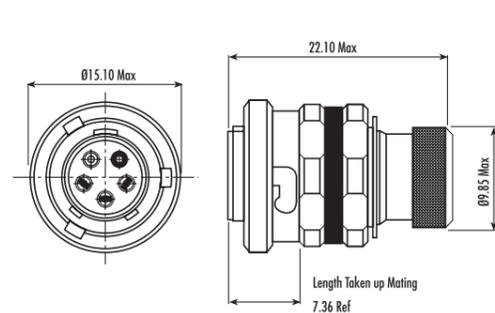
* The upper limit is the maximum internal hot-spot temperature resulting from the combination of the ambient temperature and heating due to current.

** Current leakage less than 2 milliamps at (VAC)

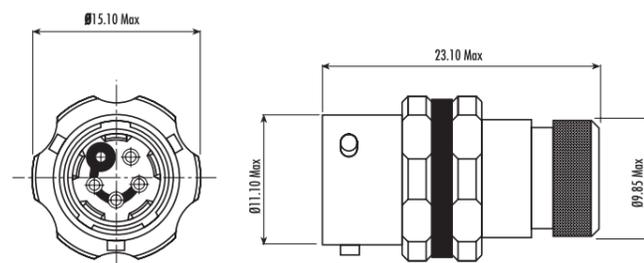
CONTACTS & TOOLING PART NUMBERS

Socket	Pin	PCB Socket	PCB Pin	Filler Plug	Ins/Ext Tool	Uncoupling Tool	Crimp Tool	Pin Positioner	Socket Positioner
604935	604927-31	604019-LNG	604023-31	600300-22	M81969/14-01	AS6HE-UCT	M22520/2-01	604972	604973

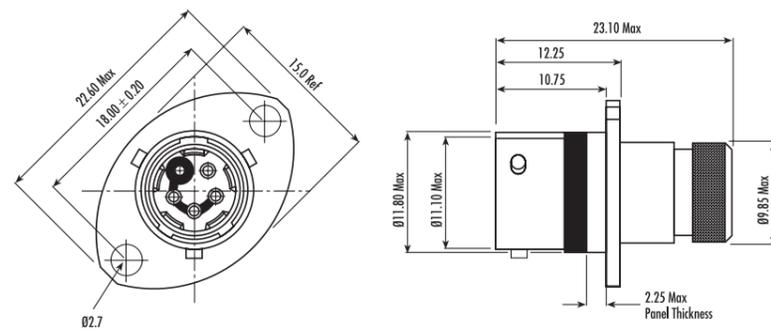
PLUG – TYPE 6



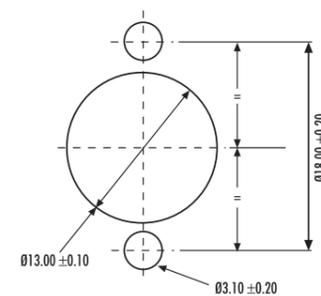
INLINE RECEPTACLE – TYPE 1



RECEPTACLE – TYPE 0



PANEL CUT-OUT DETAIL



ORDERING INFORMATION

AS * 06 — 05 * * — HE — ***

Range Ref: |

Style
 0 = 2-hole flange receptacle
 1 = Inline receptacle
 2 = 2-hole flange receptacle with PCB contacts
 6 = Free plug

Shell Size |

Contact Arrangement: |

Insert Type: P = Pin S = Socket |

Shell Keyways:
 N = Red (standard)
 A = Yellow
 B = Blue
 C = Orange
 D = Green
 U = Violet
 (U = Universal for test harnesses)
 (Plug type 6 only)

Harsh Environment: |

Modification Code: |

For more information on how to order see page 37.

	Boot	
	Straight	90 Degree
Raychem	202A111	222A111
Hellerman	113-4-G	1108-4-G

Pro Cap		Nut Plate	Gasket
Receptacle	Plug		
604029	604027	ATM396-6	GV-6



KEY FEATURES

- Most widely used micro connector in autosport
- Cable accommodation 22, 24, 26 and 28 AWG
- Fully intermateable with Micro HE and Micro^{Lite} HE Fuel Immersible
- Purpose designed coupling / decoupling tools.

GENERAL SPECIFICATION

Contact Size	Shell Size	Max. Current (amps)	Durability (cycles of engagement & disengagement)	Dielectric Withstanding Voltage (VAC)	No. of Keyway Orientations	Wire Sealing (mm)		Temperature (°C)*	
						Min	Max	Min	Max
23	6	3	500	1000	6	0.60	1.37	-55	+170

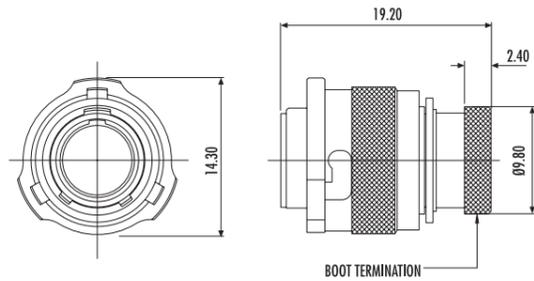
* The upper limit is the maximum internal hot-spot temperature resulting from the combination of the ambient temperature and heating due to current.

** Current leakage less than 2 milliamps at (VAC)

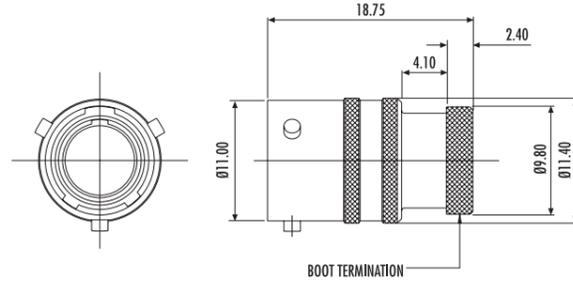
CONTACTS & TOOLING PART NUMBERS

Socket	Pin	PCB Socket	PCB Pin	Filler Plug	Ins/Ext Tool	Uncoupling Tool	Crimp Tool	Pin Positioner	Socket Positioner
604935	604927-31	604019-LNG	604023-31	600300-22	M81969/14-01	AS6HE-UCT	M22520/2-01	604972	604973

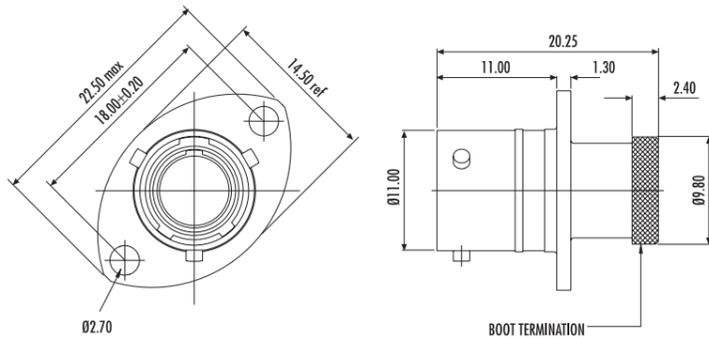
PLUG – TYPE 6



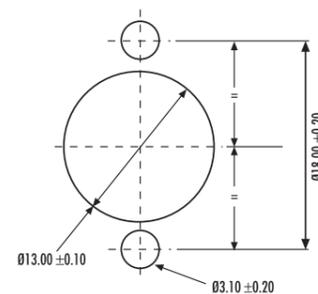
INLINE RECEPTACLE – TYPE 1



RECEPTACLE – TYPE 0



PANEL CUT-OUT DETAIL



ORDERING INFORMATION

ASL * 06 — 05 * * — HE — **

Range Ref: _____

Style
 0 = 2-hole flange receptacle
 1 = Inline receptacle
 2 = 2-hole flange receptacle with PCB contacts
 6 = Free plug

Shell Size _____

Contact Arrangement: _____

Insert Type: P = Pin S = Socket _____

Shell Keyways:
 N = Red (standard)
 A = Yellow
 B = Blue
 C = Orange
 D = Green
 E = Grey
 U = Violet
 (U = Universal for test harnesses)
 (Plug type 6 only)

Harsh Environment: _____

Modification Code: _____

For more information on how to order see page 37.

	Boot	
	Straight	90 Degree
Raychem	204W221	224W221
Hellerman	1030-4-G	1181-AG

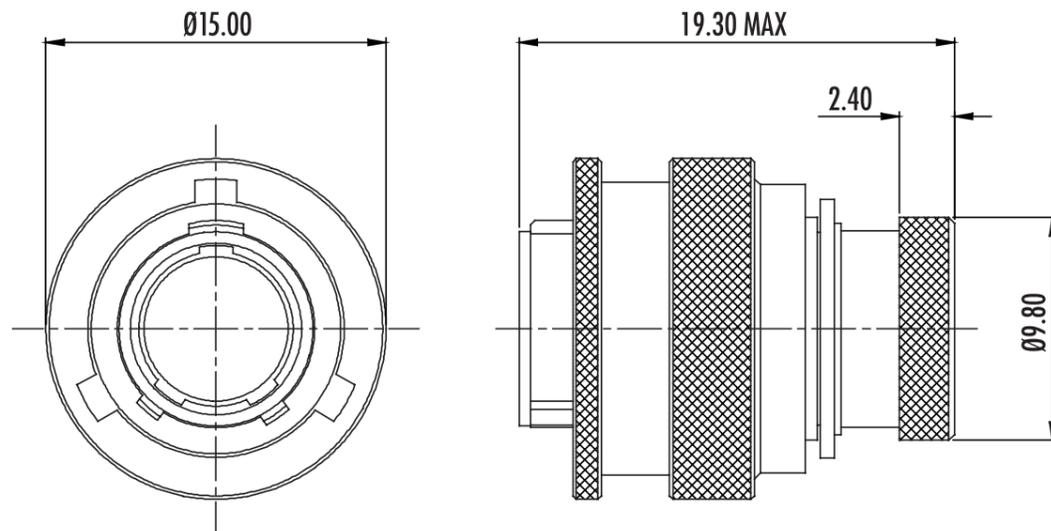
Pro Cap		Nut Plate	Gasket
Receptacle	Plug		
604029	604027	ATM396-6	GV-6



KEY FEATURES

- Deutsch designed with direct input from WRC team
- Version of ASL plug connector
- Intermateable with standard ASL receptacle
- Suitable for mechanics who wear gloves
- Enhanced coupling ring for easier coupling/uncoupling.

PLUG – TYPE 6



All dimensions are in mm unless otherwise stated.

GENERAL SPECIFICATION

Contact Size	Shell Size	Max. Current (amps)	Durability (cycles of engagement & disengagement)	Dielectric Withstanding Voltage (VAC)**	No. of Keyway Orientations	Wire Sealing (mm)		Temperature (°C)*	
						Min	Max	Min	Max
23	6	3	500	1000	6	0.60	1.37	-55	+170

* The upper limit is the maximum internal hot-spot temperature resulting from the combination of the ambient temperature and heating due to current.

** Current leakage less than 2 milliamps at (VAC)

CONTACTS & TOOLING PART NUMBERS

Socket	Pin	Filler Plug	Ins/Ext Tool	Crimp Tool	Pin Positioner	Socket Positioner
604935	604927-31	600300-22	M81969/14-01	M22520/2-01	604972	604973

ORDERING INFORMATION

Range Ref: ASR 6 06 — 05 * * — HE — ***

Style

6 = Free plug

Shell Size

Contact Arrangement:

Insert Type: P = Pin S = Socket

Shell Keyways:
 N = Red (standard)
 A = Yellow
 B = Blue
 C = Orange
 D = Green
 E = Grey
 U = Violet
 (U = Universal for test harnesses)
 (Plug type 6 only)

Harsh Environment:

Modification Code:

ASR = Enhanced Plug, for mating Receptacles see ASL page 8

For more information on how to order see page 37.

	Boot		Pro Cap
	Straight	90 Degree	
Raychem	202A111	222A111	604027
Hellerman	113-4-G	1108-4-G	



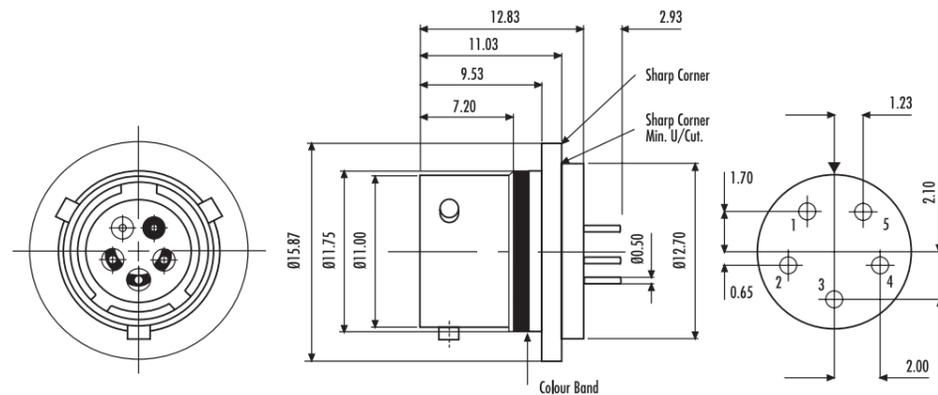
KEY FEATURES

- Weld mount connector
- Filtered Hermetic option also available
- Stainless Steel (316) for ease of mounting and corrosion performance
- Titanium versions for light weight applications also available
- Glass seal can withstand pressure differentials of 1000 PSI without loss of electrical performance or fluid leakage
- Intermateable with AS Micro and ASL.

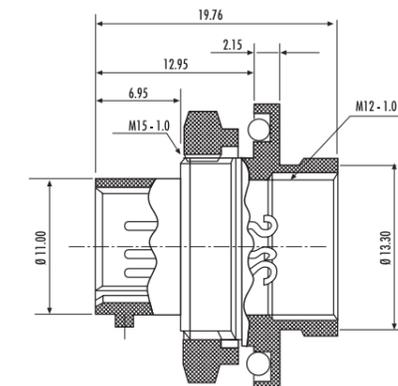
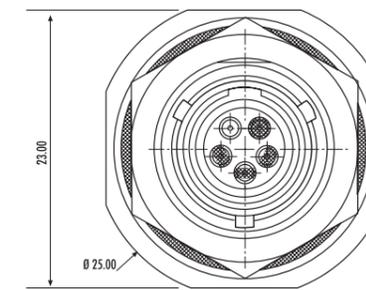


KEY FEATURES

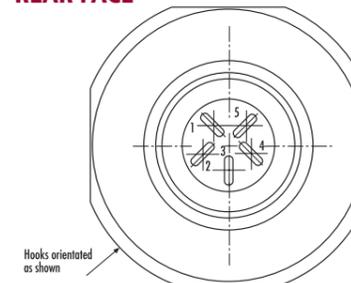
- Unique product for sensor & fuel cell use
- Enlarged backshell for easier contact soldering
- Viton® O-ring for enhanced fluid resistance
- Glass seal can withstand pressure differentials of 1000 PSI without loss of electrical performance or fluid leakage
- Fully intermateable with AS Micro HE and Micro^{Lite}.



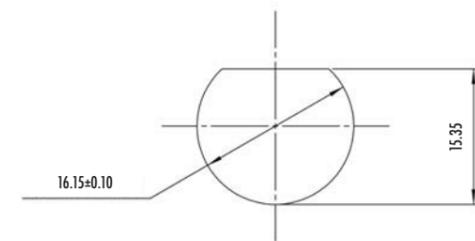
FRONT FACE



REAR FACE



PANEL CUT-OUT DETAIL



Contact Size	Shell Size	Max. Current (amps)	Durability (cycles of engagement & disengagement)	Dielectric Withstanding Voltage (VAC)**	No. of Keyway Orientations	Temp (°C)*		Materials		Finish	
						Min	Max	Shell	Contacts	Shell	Contacts
23	6	3	500	1000	5	-65	-65	Stainless Steel (316)***	Nickel Iron	Electro-polished	Gold Plated

* The upper limit is the maximum internal hot-spot temperature resulting from the combination of the ambient temperature and heating due to current.
 ** Current leakage less than 2 milliamps at (VAC)
 *** Titanium Shell also available

AS Micro HE Hermetic Receptacle: AS 4H 06 — 05 P N — HE *

T = Titanium Shell
 F = Filtered

AS Micro HE Plug: AS 606 — 05S * — HE
 ASL 606 — 05S * — HE

Shell Orientation:
 N = Red (standard)

All dimensions are in mm unless otherwise stated.

For more information on how to order see page 37.

Contact Size	Shell Size	Max. Current (amps)	Durability (cycles of engagement & disengagement)	Dielectric Withstanding Voltage (VAC)**	No. of Keyway Orientations	Temperature (°C)*	
						Min	Max
23	6	3	500	1000	1	-65	+200

* The upper limit is the maximum internal hot-spot temperature resulting from the combination of the ambient temperature and heating due to current.
 ** Current leakage less than 2 milliamps at (VAC)

Part No. AS7H06 - 05 PN-HE

All dimensions are in mm unless otherwise stated.



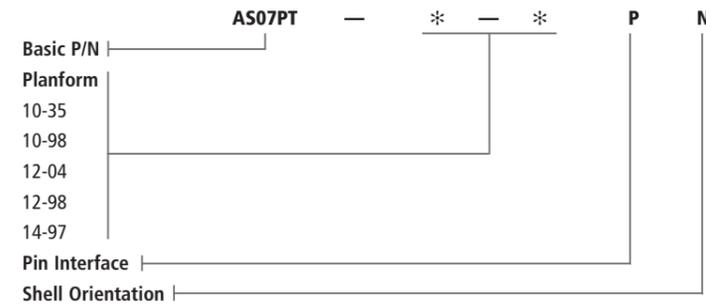
KEY FEATURES

- Range of connectors designed for fuel cell walls
- Viton® O-ring for enhanced fluid resistance
- Integral potting cup, rear accessory thread and external boot termination feature
- Glass seal can withstand pressure differentials of 1000 PSI without loss of electrical performance or fluid leakage.

GENERAL SPECIFICATION

Contact Size	Max. Current (amps)	Sealing	Pressure	Electrical	Materials		Finish	
					Shell	Contacts	Shell	Contacts
22	5	1 x 10 ⁻⁸ cc/sec @ 15 PSI	1,000 PSI typ.	IR 5000 Mohms @ 500 volt DC	Stainless Steel (303)	Nickel Iron	Electro-polished	Gold Plated
20	7.5							
16	20							

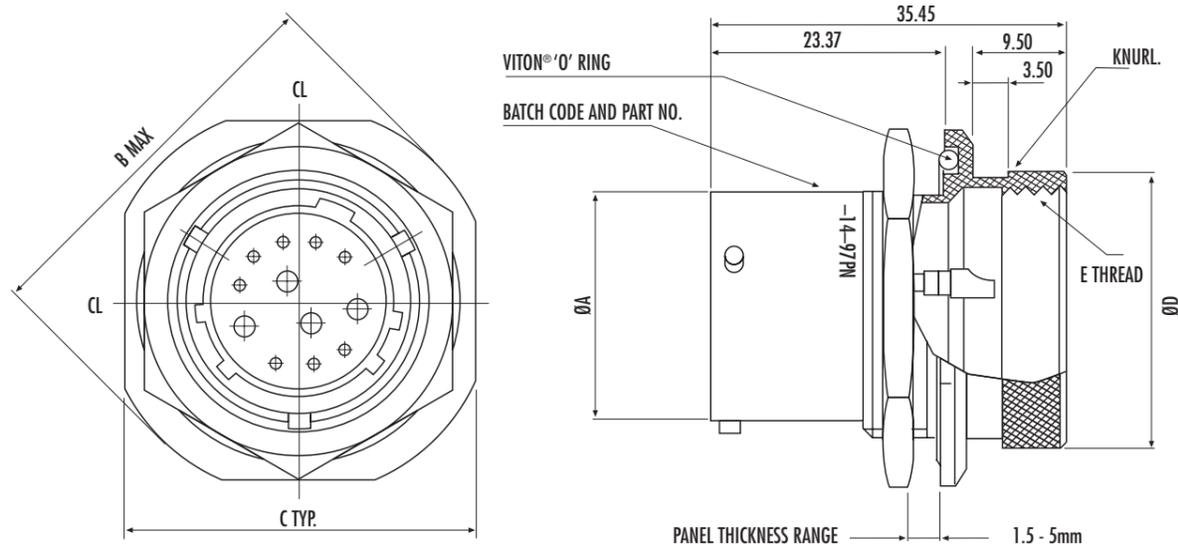
ORDERING INFORMATION



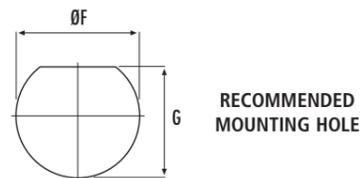
Mating Free Plug (see page 18)

- Part Nos:
 AS610-35SN
 AS610-98SN
 AS612-04SN
 AS612-98SN
 AS614-97SN

For more information on how to order see page 37.



Shell Size	Part No.	ØA Max	B Max	C Typ.	ØD Typ.	E Thread	ØF MIN.	G MAX.
10	AS07PT-10-**-**PN	15.04	28.40	25.95	20.50	M18x1.0	17.70	17.00
12	AS07PT-12-**-**PN	19.09	33.00	30.75	23.67	M21x1.0	22.70	21.10
14	AS07PT-14-**-**PN	22.26	36.30	33.85	26.84	M24x1.0	25.70	24.30

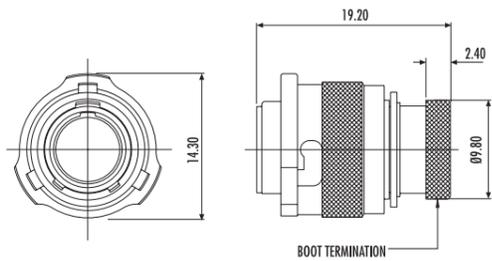




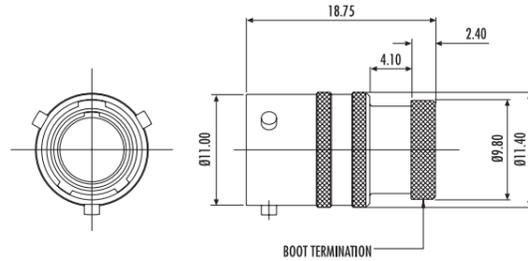
KEY FEATURES

- Unique Deutsch designed fuel resistant elastomer insert
- Hermetic option with enlarged backshell for easy contact soldering and integrated potting cup available
- Cable accommodation 22, 24, 26 and 28 AWG
- Fully intermateable with AS Micro HE and AS Micro^{Lite}
- Universal orientation (Plug type 6 only) for testing.

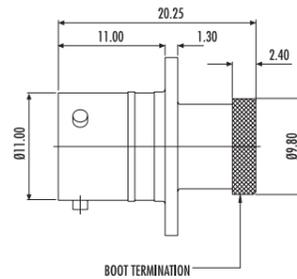
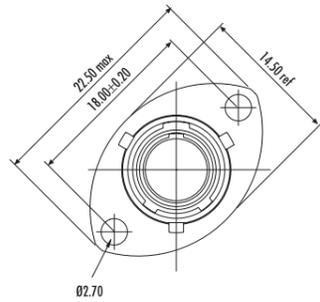
PLUG – TYPE 6



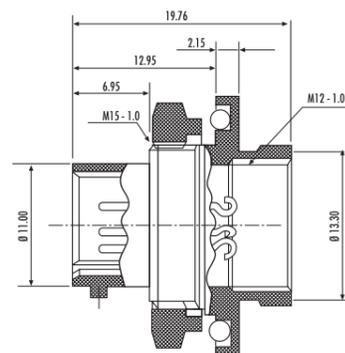
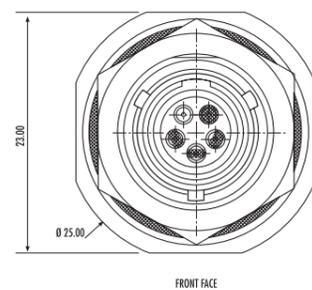
INLINE RECEPTACLE - TYPE 1



RECEPTACLE – TYPE 0



HERMETIC RECEPTACLE



All dimensions are in mm unless otherwise stated.

GENERAL SPECIFICATION

Contact Size	Shell Size	Max. Current (amps)	Durability (cycles of engagement & disengagement)	Dielectric Withstanding Voltage (VAC)**	No. of Keyway Orientations	Wire Sealing (mm)		Temperature (°C)*	
						Min	Max	Min	Max
23	6	3	500	1000	6	0.60	1.37	-55	+170

* The upper limit is the maximum internal hot-spot temperature resulting from the combination of the ambient temperature and heating due to current.

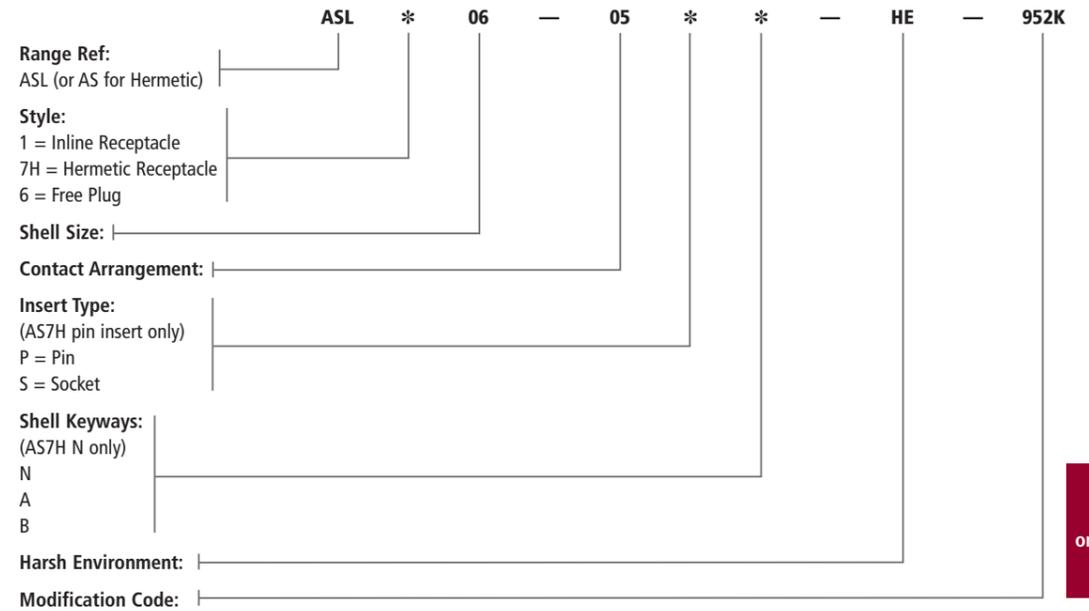
** Current leakage less than 2 milliamps at (VAC)

For other sizes and arrangements, please call our sales office on +44 (0) 1424 852722 or email autosport@deutsch.net

CONTACTS & TOOLING PART NUMBERS

Socket	Pin	Filler Plug	Ins/Ext Tool	Uncoupling Tool	Crimp Tool	Pin Positioner	Socket Positioner
604935	604927-31	600300-22	M81969/14-01	AS6HE-UCT	M22520/2-01	604972	604973

ORDERING INFORMATION



For more information on how to order see page 37.

	Boot	
	Straight	90 Degree
Raychem	202A111	222A111
Hellerman	113-4-G	1108-4-G

Pro Cap		Nut Plate	Gasket
Receptacle	Plug		
604029	604027	ATM396-6	GV-6