

2.50mm (.098") Pitch Splash Proof Wire-to-Wire Crimp Terminal

50148



| Order No. | Packaging | Lead-free |
|----------------------------|-----------|-----------|
| 50148-8000 | Reel | Yes |
| 50148-8100 | Bag | |

Features and Benefits

- Unique spring-beam design provides high pressure and small deflection for high vibration applications
- Stabilizing bump at tip keeps terminal in place during mating

Reference Information

Packaging: Reel or bag
Use With: 52213
Designed In: Millimeters

Electrical

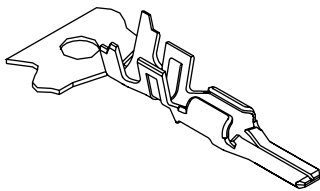
Voltage: 18V max. (2 circuits)
25V max. (3-4 circuits)
Current: AVSS/CAVS 0.50 sq. (20 AWG)—4.0A
AVSS/CAVS 0.30 sq. (22 AWG)—3.0A

Physical

Contact: Phosphor Bronze
Plating: Tin
Wire Range: AVSS/CAVS 0.30 sq., 0.50 sq. (20 to 22 AWG)
Insulation Range: 1.40 to 1.70mm
Strip Length: 2.00 to 2.50mm

2.50mm (.098") Pitch Splash Proof Wire-to-Wire Crimp Terminal

50147



| Order No. | Packaging | Lead-free |
|----------------------------|-----------|-----------|
| 50147-8000 | Reel | Yes |
| 50147-8100 | Bag | |

Features and Benefits

- Seal is in housing to simplify crimping process
- Raised split-beam design provides polarization

Reference Information

Packaging: Reel or bag
Use With: 52266
Designed In: Millimeters

Electrical

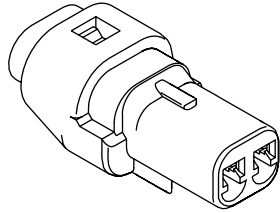
Voltage: 18V max. (2 circuits)
25V max. (3-4 circuits)
Current: AVSS/CAVS 0.50 sq. (20 AWG)—4.0A
AVSS/CAVS 0.30 sq. (22 AWG)—3.0A

Physical

Contact: Phosphor Bronze
Plating: Tin
Wire Range: AVSS/CAVS 0.30 sq., 0.50 sq. (20 to 22 AWG)
Insulation Range: 1.40 to 1.70mm
Strip Length: 2.00 to 2.50mm

2.50mm (.098") Pitch Splash Proof Wire-to-Wire Receptacle

52213
2-Circuit Version



| Circuits | Order No. |
|----------|----------------------------|
| 2 | 52213-0211 |

Features and Benefits

- Size 2 circuits
- JIS D0203 S2 waterproof compliant
- Unique seal stopper design provides low insertion force
- For tight packaging applications
- User-friendly friction lock saves space and protects locking latch area
- Polarizing rib to ensure proper mating

Reference Information

Product Specification: PS-52213-001
Packaging: Tray
Mates With: 52266
Use With: 50148
Designed In: Millimeters

Electrical

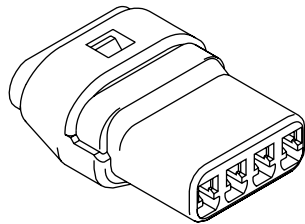
Voltage: 18V max.
Current: 4.0A max.
Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 500V AC/1 min.
Insulation Resistance: 250 Megohms min.

Physical

Housing: Black glass-filled PBT
Cap: Glass-filled PBT
Wire End Seal: Silicone

2.50mm (.098") Pitch Splash Proof Wire-to-Wire Receptacle

52213
3 and 4-Circuit Version



| Circuits | Order No. | Housing/Cap Color |
|----------|----------------------------|-------------------|
| 3 | 52213-0311 | Black |
| 4 | 52213-0417 | Brown |

Features and Benefits

- Sizes 3 and 4 circuits
- JIS D0203 S2 waterproof compliant
- Unique seal stopper design provides low insertion force
- For tight packaging applications
- User-friendly friction lock saves space and protects locking latch area
- One-body wire and seal enables tighter spacing between terminals

Reference Information

Product Specification: PS-52213-002
Packaging: Tray
Mates With: 52266
Use With: 50148
Designed In: Millimeters

Electrical

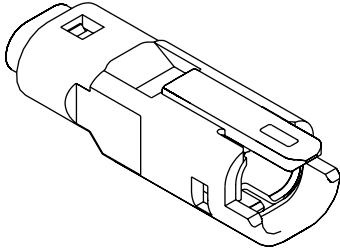
Voltage: 25V max.
Current: 4.0A max.
Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 500V AC/1 min.
Insulation Resistance: 250 Megohms min.

Physical

Housing/Cap: Glass-filled PBT
Wire End Seal: Silicone

2.50mm (.098") Pitch Splash Proof Wire-to-Wire Plug

52266 2-Circuit Version



| Circuits | Order No. |
|----------|----------------------------|
| 2 | 52266-0211 |

Features and Benefits

- Size 2 circuits
- JIS D0203 S2 waterproof compliant
- Unique seal stopper design provides low insertion force
- For tight packaging applications
- User-friendly friction lock saves space and protects locking latch area
- One-body wire and seal enables tighter spacing between terminals

Reference Information

Product Specification: PS-52213-001
Packaging: Tray
Mates With: 52213
Use With: 50147
Designed In: Millimeters

Electrical

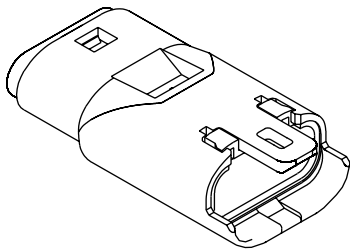
Voltage: 18V max.
Current: 4.0A max.
Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 500V AC/1 min.
Insulation Resistance: 250 Megohms min.

Physical

Housing: Black glass-filled PBT
Cap: Glass-filled PBT
Wire End Seal: Silicone
Seal Stopper: Glass-filled PBT
Seal: Silicone

2.50mm (.098") Pitch Splash Proof Wire-to-Wire Plug

52266 3 and 4-Circuit Version



| Circuits | Order No. | Housing/Cap Color |
|----------|----------------------------|-------------------|
| 3 | 52266-0311 | Black |
| 4 | 52266-0417 | Brown |

Features and Benefits

- Sizes 3 and 4 circuits
- JIS D0203 S2 waterproof compliant
- Unique seal stopper design provides low insertion force
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Wire End Seal: Silicone
Seal Stopper: Glass-filled PBT
Seal: Silicone