

Introduction



Product Features

- Keyed / polarized, prevents mismatching
- Lanceless contacts, no damaged tangs or tangled contacts
- Integral CPA protects against accidental unlocking
- Sleeved assembly for contact beam protection provides 50 durability cycles
- Attachment feature on pin housing provides connector clip mounting
- Integral PLR provides primary latch reinforcement with no additional assembly
- Sealing of interface and wires provides for environmental integrity
- Resistant to a wide range of chemicals
- RoHS and ELV compliant



The AMPSEAL 16 Connector System is targeted for off-road, heavy duty industrial, recreational and agricultural applications. This wire-to-wire and wire-to-device connector line was designed to meet the rigorous demands of an industry that requires the highest standards in performance.

Thermoplastic housings (–40 °C to +125 °C rated) and silicone seals allow the connectors to withstand extreme temperatures and moisture.

This connector family will feature the HDSF Size 16 Pin and Socket contacts as a terminal system.

These contacts are stamped and formed versions of the screw machined MIL-C-39029 contacts. The 2-, 3-, 4-, 6-, 8- and 12-position housings will offer a one-piece assembly for both plug and cap.

2-Row Sealed Receptacle (Plug) Housings (continued)

Technical Features

No. of Positions:
12 (2×6) Positions Assembly

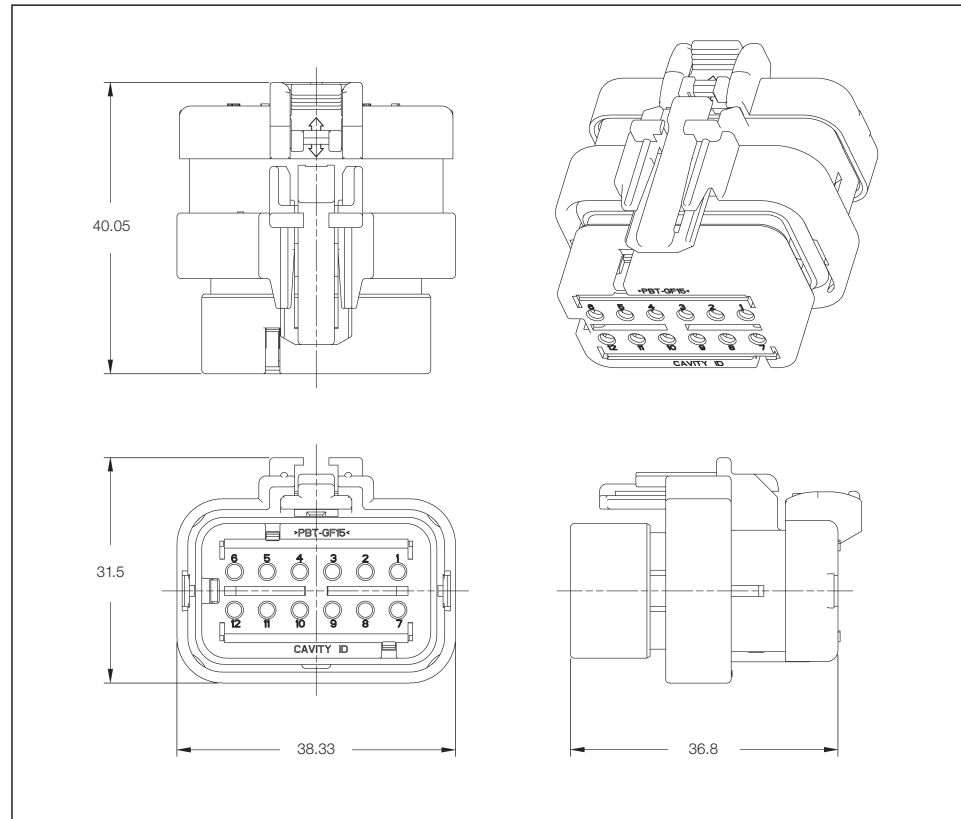
Housing Material:
Glass Reinforced PBT

Wire Size Range:
2.18–3.67 mm
1.30–2.54 mm
(with reduced diameter wire seal)

Product Specification:
108-2184

Application Specification:
114-13065

- UL 94-HB rated
- Resistant to a wide range of chemicals
- RoHS and ELV compliant



Sealed Receptacle Housings 2-Row with Standard Diameter Wire Seal

No. of Positions	PLR Color	Keying	Part Numbers	
			Receptacle (Plug) Housing	Mating Pin (Cap) Housing
12	Red	Key A	776437-1	776538-1
				1717677-1
	Gray	Key B	776437-2	776538-2
				1717677-2
	Yellow	Key C	776437-3	776538-3
				1717677-3
	Green	Key D	776437-4	776538-4
				1717677-4

Sealed Receptacle Housings 2-Row with Reduced Diameter Wire Seal

No. of Positions	PLR Color	Keying	Part Numbers	
			Receptacle (Plug) Housing	Mating Pin (Cap) Housing
12	Red	Key A	776533-1	776539-1
				1717934-1
	Gray	Key B	776533-2	776539-2
				1717934-2
	Yellow	Key C	776533-3	776539-3
				1717934-3
	Green	Key D	776533-4	776539-4
				1717934-4

2-Row Sealed Pin (Cap) Housings

Technical Features

No. of Positions:
12 (2×6) Positions Assembly

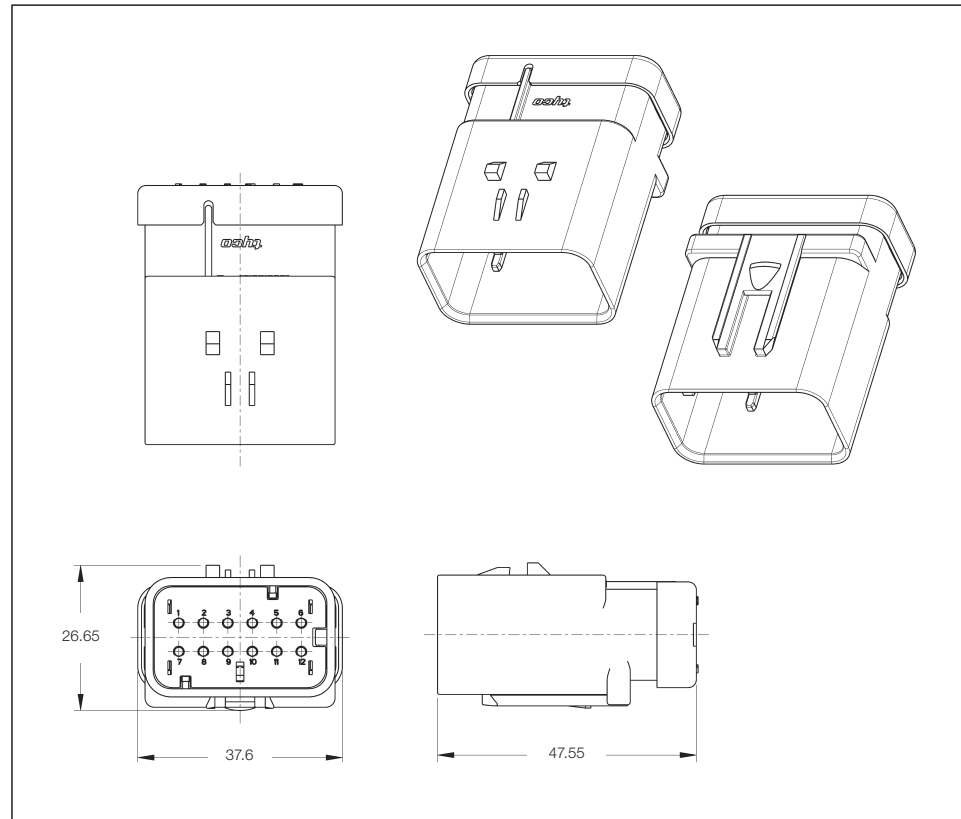
Housing Material:
Glass Reinforced PBT

Wire Size Range:
2.18–3.67 mm
1.30–2.54 mm
(with reduced diameter wire seal)

Product Specification:
108-2184

Application Specification:
114-13065

- UL 94-HB rated
- Resistant to a wide range of chemicals
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Sealed Pin Housings 2-Row with Standard Diameter Wire Seal

No. of Positions	PLR Color	Keying	Part Numbers	
			Pin (Cap) Housing	Mating Receptacle (Plug) Housing
12	Red	Key A	776438-1	776437-1
	Gray	Key B	776438-2	776437-2
	Yellow	Key C	776438-3	776437-3
	Green	Key D	776438-4	776437-4

Sealed Pin Housings 2-Row with Reduced Diameter Wire Seal

No. of Positions	PLR Color	Keying	Part Numbers	
			Pin (Cap) Housing	Mating Receptacle (Plug) Housing
12	Red	Key A	776539-1	776533-1
	Gray	Key B	776539-2	776533-2
	Yellow	Key C	776539-3	776533-3
	Green	Key D	776539-4	776533-4