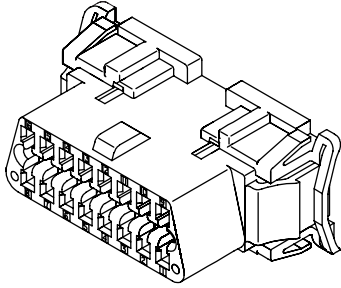


4.00mm (.157") Pitch OBD-II Wire-to-Wire Housing

51115 Female, Panel Mount Type



Circuits	Order No.
16	51115-1601
	51115-1611

Features and Benefits

- Size 16 circuits only
- SAE J1962 standard for no board diagnostic
- Panel mount type

Reference Information

Product Specification: PS-50420-0800
 Packaging: Bag
 Mates With: 51117 TPA
 Use With: 50420
 Designed In: Millimeters

Electrical

Voltage: 30V
 Current: 6.0A max.
 Contact Resistance: 100 milliohms max.
 Dielectric Withstanding Voltage: 1000V AC
 Insulation Resistance: 100 Megohms min.

Mechanical

Contact Insertion Force: 9.8N (2.2 lb)
 Contact Retention to Housing: 80.0N min. (with 51117)
 Wire Pull-Out Force: 88.2N min. (AVS 0.5)
 Mating Force: 142N max.
 Unmating Force: 88.0N max.
 Durability: 200 cycles

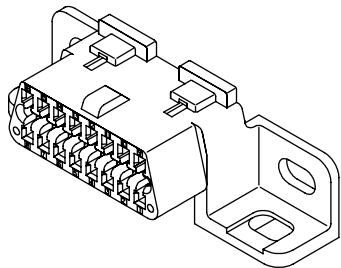
Physical

Housing: Polyester, UL 94V-0
 TPA: Polyester
 Operating Temperature: -40 to +85°C

www.molex.com/customer.html?seriesNumber=51115

4.00mm (.157") Pitch OBD-II Wire-to-Wire Housing

51116 Female, Screw Mount Type



Circuits	Order No.
16	51115-1601
	51115-1611

Features and Benefits

- Size 16 circuits only
- SAE J1962 standard for no board diagnostic
- Screw mount type

Reference Information

Product Specification: PS-50420-0800
 Packaging: Bag
 Mates With: 51117 TPA
 Use With: 50420
 Designed In: Millimeters

Electrical

Voltage: 30V
 Current: 6.0A max.
 Contact Resistance: 100 milliohms max.
 Dielectric Withstanding Voltage: 1000V AC
 Insulation Resistance: 100 Megohms min.

Mechanical

Contact Insertion Force: 9.8N (2.2 lb)
 Contact Retention to Housing: 80.0N min. (with 51117)
 Wire Pull-Out Force: 88.2N min. (AVS 0.5)
 Mating Force: 142N max.
 Unmating Force: 88.0N max.
 Durability: 200 cycles

Physical

Housing: Polyester, UL 94V-0
 TPA: Polyester
 Operating Temperature: -40 to +85°C