

**4.00mm (.157") Pitch
OBD-II
Wire-to-Wire
Housing**
68503
Male

Features and Benefits

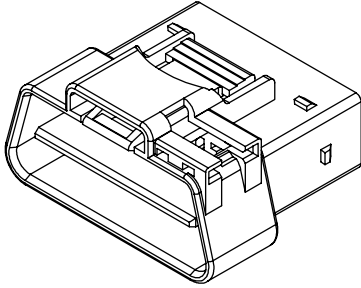
- Size 16 circuits only
- SAE J1962 standard for no board diagnostic

Reference Information

Product Specification: PS-50420-0800
Mates With: 68503-0101 (wire dress cover),
68503-0103 (CPA)
Use With: 57964-9702
Designed In: Millimeters

Physical

Housing: Polyester
Wire Dress Cover: Polyester
CPA: Polyamide
Operating Temperature: -40 to +85°C



Circuits	Order No.	Lead-free
16	68503-1602	Yes

www.molex.com/customer.html?seriesNumber=68503

**4.00mm (.157") Pitch
OBD-II
Wire-to-Wire
Receptacle Housing**
51115

Features and Benefits

- Size 16 circuit
- Panel mount type

Reference Information

Product Specification: PS-51115
Packaging: Bag
Mates With: 51117 retainer
Use With: 50420 terminal and 51117 retainer
Designed In: Millimeters

Electrical

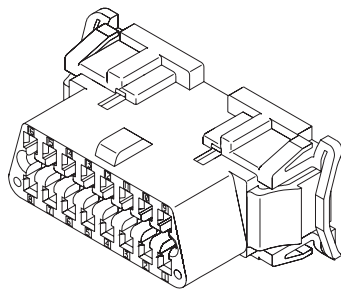
Voltage: 30V
Current: 4.0A
Contact Resistance: 100 milliohms max.
Dielectric Withstanding Voltage: 1000V
Insulation Resistance: 100 Megohms min.

Mechanical

Contact Retention to Housing: 9.0kg min. (with 51117)
Wire Pull-Out Force: 9.0kg min. (AVS 0.5)
Mating Force: 11.23kg max./14.49kg max. (with spring)
Unmating Force: 8.97kg max.
Durability: 200 cycles

Physical

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



Circuits	Order No.	Lead-free
16	51115-1601	Yes