

4.00mm (.157") Pitch OBD-II Wire-to-Wire Receptacle Housing 51116

Features and Benefits

- Size 16 circuit
- Flange type

Reference Information

Product Specification: PS-51116
Packaging: Bag
Use With: 50420 terminal and 51118 retainer
Designed In: Millimeters

Electrical

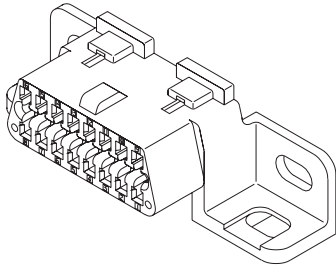
Voltage: 30V
Current: 4.0A
Contact Resistance: 100 milliohms max.
Dielectric Withstanding Voltage: 1000V
Insulation Resistance: 100 Megohms min.

Mechanical

Contact Retention to Housing: 9.0kg min. (with 51118)
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	51116-1601	Yes

www.molex.com/customer.html?seriesNumber=51116

4.00mm (.157") Pitch OBD-II Wire-to-Wire Retainer 51117/51118

Features and Benefits

- Terminal positioning assurance

Reference Information

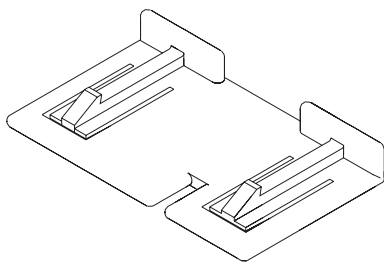
Packaging: Bag
Designed In: Millimeters

Electrical

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

Physical

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



Circuits	Order No.	Use With	Lead-free
16	51117-1605	51115 housing	Yes
	51118-1605	51116 housing	