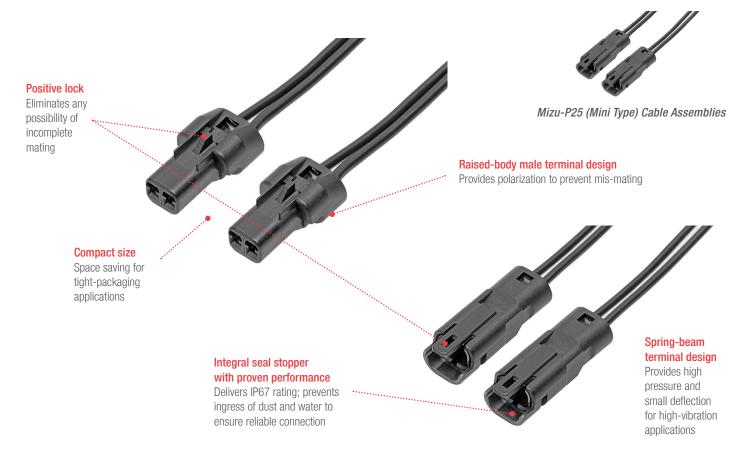
# Off-the-Shelf Mizu-P25 (Mini Type) Cable Assemblies

# molex

Off-the-Shelf Mizu-P25 (Mini Type) Cable Assemblies feature 2.50mm pitch, up to 4.0A current and an IP67 rating with a variety of cable lengths

### **Features and Advantages**



## **Markets and Applications**

Automotive Consumer

Door electronics Washing machines
Lamp mirrors Vending machines
Mirror harnesses Water heaters
Parking sensors Air conditioners

Powered rear-view mirrors

Switches Industrial / Industrial Automation

Wipers LED lighting

Steering controls







Consumer Appliances

# Off-the-Shelf Mizu-P25 (Mini Type) Cable Assemblies



# **Specifications\***

#### REFERENCE INFORMATION

Packaging: See product specs UL File No.: E29179

Mates With: Mizu-P25 receptacle/plug Terminals Used: Series 50147 and 50148

Designed In: millimeters

RoHS: Yes Halogen-Free: No V-O: Yes

Glow wire Compliant: No

\*Information is based on Mizu-P25 connector specifications

#### **ELECTRICAL**

Voltage (max.): Upto 60V Current (max.): Upto 4.0A Contact Resistance: 10 milliohms Dielectric Withstanding Voltage:

500V AC for 1 minute between adjacent terminals

Insulation Resistance (min.): 250 Megohms

#### MECHANICAL

Contact Insertion Force (max): 58.8N Contact Retention to Housing (min): 29.4N Mating Force: 49.0 N to 58.8N (depending on number of circuits) Unmating Force: 14.7 N to 49.0N (depending on number of circuits)

#### **PHYSICAL**

Pitch: 2.50mm Wire Gauge: 0.5 sq.mm Housing: Polyester Contact: Phosphor Bronze

Plating: Tin

Operating Temperatures: -40 to +105°C

### **Ordering Information**

Series	Component	Circuits	Lengths (mm)
<u>215310</u>	Mizu-P25 (Mini Type) Cable Assemblies	2, 3 and 4	150, 300 and 600
<u>215311</u>			
215312			
<u>215313</u>			

Custom product	Description	
Contact Molex	Mizu-P25 (Mini Type) Custom Cable Assemblies	

www.molex.com/link/otscableassemblies.html