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

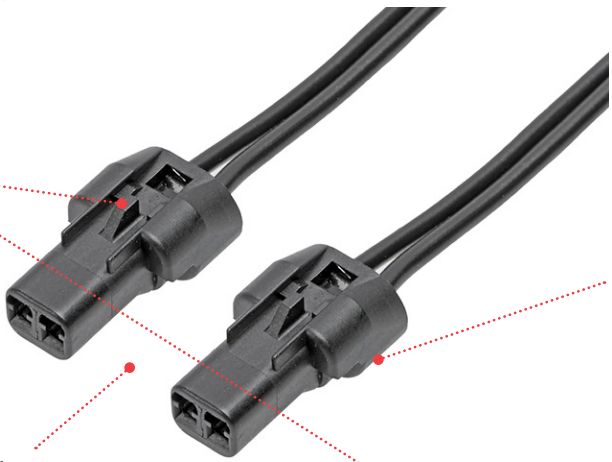
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Off-the-Shelf Mizu-P25 (Mini Type) Cable Assemblies feature 2.50mm pitch, up to 4.0A current and an IP67 rating with a variety of cable lengths



Mizu-P25 (Mini Type) Cable Assemblies

Features and Advantages



Positive lock
Eliminates any possibility of incomplete mating

Compact size
Space saving for tight-packaging applications

Raised-body male terminal design
Provides polarization to prevent mis-mating



Integral seal stopper with proven performance
Delivers IP67 rating; prevents ingress of dust and water to ensure reliable connection

Spring-beam terminal design
Provides high pressure and small deflection for high-vibration applications

Markets and Applications

Automotive
- Door electronics
- Lamp mirrors
- Mirror harnesses
- Parking sensors
- Powered rear-view mirrors
- Switches
- Wipers
- Steering controls

Consumer
- Washing machines
- Vending machines
- Water heaters
- Air conditioners

Industrial / Industrial Automation
- LED lighting



Automotive



Consumer Appliances

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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)
215310	Mizu-P25 (Mini Type) Cable Assemblies	2, 3 and 4	150, 300 and 600
215311			
215312			
215313			

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

www.molex.com/link/otscableassemblies.html

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