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Off-the-Shelf (OTS) EXTreme Guardian Overmolded Cable Assemblies ›



Off-the-Shelf (OTS) EXTreme Guardian Overmolded Assemblies with locking screw are available in 2- and 3-circuit sizes

FEATURES AND ADVANTAGES

Capable of carrying 50.0 to 60.0A of current
Is an excellent option for many power applications



Locking tang-on terminals
Help secure terminals in housings





Off-the-Shelf (OTS) EXTreme Guardian Overmolded Assemblies

Connector-locking screw
Helps ensure secure retention when receptacle and header or receptacle and plug are mated; can help prevent accidental mis-mating



Polarized mating geometry
Helps prevent accidental mis-mating

MARKETS AND APPLICATIONS

Aerospace and Defense Power Supplies
Uninterruptable power supplies (UPSs)

Data Communication Equipment
High-end servers

Electric vehicles

Medical

Solar

Telecommunication Equipment Manufacturers
Cellular base stations
Hubs
Servers
Routers
Switches



Uninterruptible Power Supply (UPS)



Cellular Towers



Servers

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SPECIFICATIONS

Two-pin Guardian

Reference Information
Packaging: See packaging drawing
Terminal Used: 468190013
Designed In: Millimeters
RoHS: Yes
Halogen Free: No
Glow Wire Compliant: No

Electrical
Voltage (max.): 600V
Current (max.): 60.0A
Contact Resistance: 106 milliohms
Dielectric Withstanding Voltage: 1000V DC/0.01s
Insulation Resistance (min.): 10 Megohms

Mechanical
Durability (min.): 25 Cycles

Physical
Housing: PBT
Contact: Copper alloy
Plating, Contact Area—Gold
Solder Tail Area—Tin
Underplating—Nickel
Operating Temperature: -40 to +105°C

Three-pin Guardian

Reference Information
Packaging: See packaging drawing
Terminal Used: 468190013
Designed In: Millimeters
RoHS: Yes
Halogen Free: No
Glow Wire Compliant: No

Electrical
Voltage (max.): 600V
Current (max.): 50.0A
Contact Resistance: 106 milliohms
Dielectric Withstanding Voltage: 1000V DC/0.01S
Insulation Resistance: 10 Megohms

Mechanical
Durability (min.): 25 Cycles

Physical
Housing: PBT
Contact: Copper alloy
Plating, Contact Area—Gold
Solder Tail Area—Tin
Underplating—Nickel
Operating Temperature: -40 to +105°C

ORDERING INFORMATION

Part No.	Description	Length (m)	Number of Circuits
2167592025	EXTreme Guardian Overmolded Cable Assemblies	2.0	2
2167592026		4.0	2
2167592027		6.0	2
2167592035		2.0	3
2167592036		4.0	3
2167592037		6.0	3

www.molex.com/link/overmolded.html

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