

Loxon Locking Quick Disconnect (QD) Terminals >

Loxon Locking Quick Disconnect (QD) Terminals with positive locking help ensure reliable connectivity and prevent loose connections or accidental separation in high-vibration or continuous shock applications.



PRODUCT FEATURES AND ADVANTAGES

Tin plating of terminals after stamping

Helps prevent corrosion and eliminate un-plated (bare) edges for improved reliability

Conformance to UL 310 standard

Assures optimal safety and performance

Mating to 6.35 by 0.81mm male tabs with hole

Permits use with the most popular size of quick disconnect

Availability with three wire ranges

Makes the terminal suitable for a wide variety of applications incorporating this type of connection

Housing available with 94V-2 or 94V-0 UL flammability rating and Glow Wire capable

Meets most customer requirements for use in harsh environments, including home appliances and white goods

| | |
|------------------------|--|
| Current | Up to 24.0A |
| Wire | 10, 12, 14, 16, 18 or 20 AWG |
| Mates With | 6.35 by 0.81mm disconnect 5.00, 3.00, 2.50, 1.50, 1.00 or 0.50mm ² |
| Terminal Material | Copper Alloy with Tin plating |
| Housing Material | Nylon |
| Operating Temperatures | Terminal: -40 to +149°C Housing: -40 to +105°C |



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MARKETS AND APPLICATIONS

Consumer

Home appliances
Home standby generators
HVAC systems
Lawn and garden power equipment
Furnace controls

Commercial Vehicle

Recreational vehicles
Marine
Motors
Batteries

Telecom Infrastructure

Server and storage architecture
Power distribution
Industrial control panels
Security systems
Manufacturing equipment
Lighting and controls



Home Appliances



Data Center



Recreational Vehicles

SPECIFICATIONS

Reference Information

Series Number: 19439
Packaging: Box or reel
Designed in: Inches
RoHS: Yes
Halogen Free: Yes
Glow Wire Capable (Housings): Yes
UL Flammability Ratings (Housings):
Part No. 19439-0007 - 94V-2
Part No. 19439-0008 - 94V-0
Agency: UL and cUL E79133

Mechanical

Wire: 10, 12, 14, 16, 18 or 20 AWG
5.00, 3.00, 2.50, 1.50, 1.00 or 0.50mm²
Style: VibraKrimp
Mating Tab: .250" by .031"
6.35 by 0.81mm
Hand Tool:
10 and 12 AWG - 213309-4300, 3.00 and 5.00mm²
14 and 16 AWG - 213309-4200, 2.50 and 1.00mm²
18 and 20 AWG - 213309-4100, 1.50 and 0.25mm²
Applicator:
10 and 12 AWG - 203702-9400, 3.00 and 5.00mm²
14 and 16 AWG - 203702-9300, 2.50 and 1.00mm²
18 and 20 AWG - 203702-9200, 1.50 and 0.25mm²
Durability (max.): 25 cycles
(UL 310 has a 6-cycle requirement)

Electrical

Voltage (max.): 600V AC (in housing)
Current (max.): 24.0A (with 10 AWG) 3.00mm²

Physical

Housing: Nylon
Terminal Material: Copper Alloy
Plating: Tin (2.54 microns min.)
Operating Temperatures: Terminal: -40 to +149°C
Housing: -40 to +105°C

www.molex.com/en-us/products/connectors/solderless-terminals