

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
Terminal Material	Copper Alloy with Tin plating
Housing Material	Nylon
Operating Temperatures	Terminal: -40 to +149°C Housing: -40 to +105°C



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

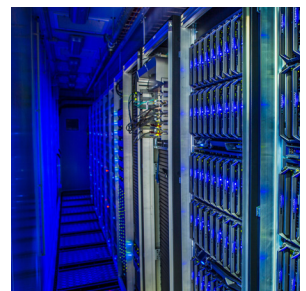
Server and storage architecture
Power distribution
Industrial control panels
Security systems
Manufacturing equipment
Lighting and controls



Recreational Vehicles



Home Appliances



Data Center

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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

Style: VibraKrimp

Mating Tab: .250" by .031"

6.35 by 0.81mm

Hand Tool:

10 and 12 AWG – 213309-4300

14 and 16 AWG – 213309-4200

18 and 20 AWG – 213309-4100

Applicator:

10 and 12 AWG – 203702-9400

14 and 16 AWG – 203702-9300

18 and 20 AWG – 203702-9200

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)

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