

Off-the-Shelf EdgeLock Discrete Cable Assemblies

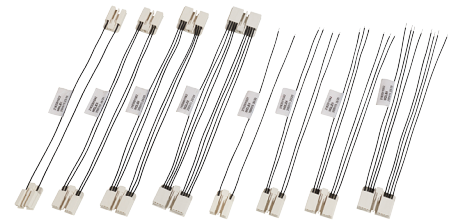
molex

Off-the-Shelf EdgeLock Discrete Cable Assemblies offer space savings, positive locking for secure mating and a variety of cable lengths

Features and Advantages

Polarization rib on connector housing

Prevents mis-mating to PCB



Edge-Lock Cable Assemblies

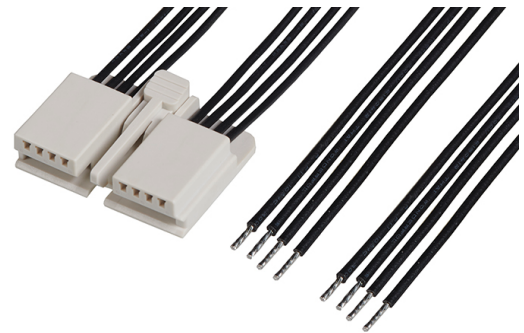
Locking feature on the reverse side of crimp terminal

Prevents accidental terminal withdrawal once inserted into the housing cavity



Dual cantilever crimp terminal design with embossed contact points

Offer greater normal force for long-term electrical reliability



Markets and Applications

Consumer / Home Appliance

- Fitness
- Home Appliances
- Home Entertainment
- HVAC

Industrial

- Power (Power Supplies, UPS)
- Wire-to-Device

Solid State Lighting

- Indoor and Outdoor Lighting



Office Lighting



White Goods



Uninterruptible Power Supply (UPS)

Off-the-Shelf EdgeLock Discrete Cable Assemblies



Specifications

REFERENCE INFORMATION

Packaging: Bulk (connectors); reels (terminals)
UL File No.: E29179
CSA File No.: N/A
Use With: 22 AWG
Insulation Diameter: 1.22mm
Designed In: Millimeters
RoHS: Yes
Halogen-Free: No
Glow Wire Compliant: No
IP Rating: N/A

ELECTRICAL

Voltage (max.): 125 VAC/DC
Current (max.): Up to 3.0A
Contact Resistance(max.): 15 milliohms
Dielectric Withstanding Voltage: 1250V AC
(unmate connectors for 1 minute between adjacent terminals and between terminals to ground)
Insulation Resistance (min.): 1000 Megohms

MECHANICAL

Terminal Insertion Force (max): 9.8N
Terminal Retention to Housing (min): 9.8N
Mating Force (max.): 5N per circuit
Unmating Force (min.): 2N per circuit
Durability (max.): 30 cycles

PHYSICAL

Housing: Nylon
Contact: Phosphor Bronze
Plating:
Contact Area – Tin
Underplating – Tin
Operating Temperatures: -10 to +105°C

**Information is based on Edgelock connector specifications

Ordering Information

Series	Component	Circuits	Lengths (mm)
216330	Off-the-Shelf EdgeLock Discrete Cable Assemblies	2, 4, 6 and 8	150, 300 and 600
216331			

Custom product	Description
Contact Molex	Off-the-Shelf EdgeLock Discrete Custom Cable Assemblies

www.molex.com/link/otscableassemblies.html

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