

Pico-Lock Off-the-Shelf (OTS) Discrete Wire Cable Assemblies

molex[®]

Off-the-shelf Pico-Lock Discrete Wire Cable Assemblies offer a low-profile connector with durable locking and come in a variety of cable lengths

Meets 2011/65/EU RoHS Compliance
Decreases engineering time and resources

Features and Benefits

Assembled in ISO/TS16949-certified facilities

Ensures high quality. Meets current automotive industry standards

Available in 1.00 and 1.50mm pitches

Delivers design flexibility for space-constrained designs



Pico-Lock Cable Assembly

UL 1061 discrete wires

Ready to use in electronic appliance applications. Provide ease of design, prototyping and production

Pin-to-pin mapping from receptacle to PCB header

Provides ready-to-use, plug-and-play connections



Pico-Lock Standard Discrete Cable Assemblies

Pico-Lock Cable Assembly offers a low profile, high current and positive locks

Ideal for applications requiring space savings and secure mating retention

Applications

Consumer

- Home entertainment
- Home appliances
- Gaming consoles
- Mobile devices

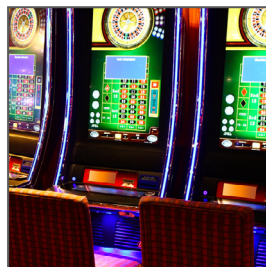
Commercial Vehicle

Industrial

- Process controls

Medical

- Patient monitors



Gaming Machines



Office Equipment



Industrial Automation

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Specifications - Pico-Lock Standard Discrete Wire Cable Assemblies

REFERENCE INFORMATION

Packaging: 50 or 100 SPQ
Cable UL File No.: UL1061
Designed In: Millimeters
RoHS: Yes
Halogen Free: Low Halogen

ELECTRICAL

Voltage (max.): 150V
Current (max.): 2.5A (1.00mm) 3.0A (1.50mm)
Contact Resistance (max.): 20 millihoms
Dielectric Withstanding Voltage: 500V AC/1 minute
Insulation Resistance (min.): 1000 Megohms

MECHANICAL

Contact Insertion Force (max.): 14.7N
Mating Force: Please see product spec.

PHYSICAL

Housing: Nylon UL 94V-0
Contact: Copper Alloy
Plating:
 Contact Area — Gold
 Underplating — Nickel
Operating Temperature: -25 to +105°C

Ordering Information

Series No.	Component	No. of Rows	Circuits	Length (mm)
15131	Pico-Lock Receptacle (1.00mm Pitch)	Single	2 and 4	50, 100, 150, 300, 450, 600
15132	Pico-Lock Receptacle (1.50mm Pitch)		6 to 12	

Custom Product	Description
Contact Molex	Pico-Lock Cable Assembly Custom lengths and other options

www.molex.com/link/otscableassemblies.html
www.molex.com/link/picolock.html

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