

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



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

UL 1061 discrete wires

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

Available in 1.00 and 1.50mm pitches

Delivers design flexibility for space-constrained designs



Pico-Lock Cable Assembly

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 millihms
Dielectric Withstanding Voltage: 500V AC/1 minute
Insulation Resistance (min.): 1000 Megohms

PHYSICAL

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

MECHANICAL

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

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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