

Pico-Clasp™ Discrete Wire Cable Assemblies



Pico-Clasp™ Discrete Wire Cable Assemblies deliver off-the-shelf (OTS) solutions with a broad offering of Molex connectors and a variety of cable lengths to facilitate both prototyping and global production

Features and Benefits

Pico-Clasp™ Cable Assembly offers a small 1.00mm pitch and 1.0A current rating with positive lock

Delivers space savings and prevents wire hooking

Pin-to-pin mapping from receptacle to PCB header

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

Custom assemblies for production also available

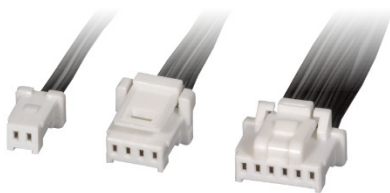
Meet design needs after prototyping is complete. Molex's extensive design and manufacturing expertise can meet the unique challenges of the most demanding applications



Pico-Clasp™ Cable Assembly

UL 1061 discrete wires

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



Pico-Clasp™ Standard Discrete Wire Cable Assemblies

Meets 2011/65/EU RoHS Compliance

Decreases engineering time and resources

Assembled in ISO/TS16949-certified facilities

Ensures high quality. Meets current automotive industry standards

Applications

Consumer

- Fitness equipment
- Home entertainment systems
- Home appliances
- Home office
- Home security systems
- Portable electronic devices
- Gaming consoles
- Mobile devices



Gaming Machines



Office Equipment



Industrial Automation

Commercial Vehicle

Industrial

- Process controls

Medical

- Patient monitors

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Specifications

REFERENCE INFORMATION

Packaging: 50 or 100 SPQ
CABLE UL File No.: UL1061
Mates With: Series 53261, 53047, 53398, 53048
Designed In: Millimeters
RoHS: Yes
Halogen Free: No
Glow Wire Compliant: No

ELECTRICAL

Voltage (max.): 125V
Current (max.): 1.0A
Contact Resistance: 20 millihoms
Dielectric Withstanding Voltage: 250V AC
Insulation Resistance: 100 Megohms

MECHANICAL

Contact Insertion Force (max.): 4.9N
Contact Retention to Housing (min.): 4.9N
Mating Force: See PS51021-001
Unmating Force: See PS51021-001

PHYSICAL

Housing: See PS51021-001
Contact: See PS51021-001
Plating:
Contact Area — Tin
Solder Tail Area — Tin
Underplating — Tin
Operating Temperature: -40 to +85°C

Ordering Information

Series No.	Component	Type	Circuits	Length (m)
15133	Off-The-Shelf Pico-Clasp™ Receptacle Cable Assemblies	Single	2 to 8	50, 100, 150, 300, 450, 600

Custom Product	Description
Contact Molex	Pico-Clasp™ Discrete Wire Cable Assembly

www.molex.com/link/otscableassemblies.html