# **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, plugand-play connections



Pico-Clasp Standard Discrete Wire Cable Assemblies

Assembled in ISO/TS16949certified 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

### **Commercial Vehicle**

#### Industrial

Process controls

### Medical

Patient monitors



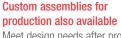
Gaming Machines



Office Equipment



Industrial Automation



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

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

# UL 1061 discrete wires

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



# **Pico-Clasp Discrete Wire Cable Assemblies**

# molex

# **Specifications**

## REFERENCE INFORMATION

Packaging: 50 or 100 SPQ CABLE UL File No.: UL1061 Mates With: Series 501190 and 501571 Designed In: Millimeters RoHS: Yes Halogen Free: No Glow Wire Compliant: No

### ELECTRICAL

Voltage (max.): 50V 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 5011890000-A00, 5011890000-A01, PS-501190-001-001, PS-501571-001-001 Unmating Force: See 5011890000-A00, 5011890000-A01, PS-501190-001-001, PS-501571-001-001

## PHYSICAL

Housing: See 5011890000-A00, 5011890000-A01, PS-501190-001-001, PS-501571-001-001 Contact: See 5011890000-A00, 5011890000-A01, PS-501190-001-001, PS-501571-001-001 Plating: Contact Area — Tin Solder Tail Area — Tin Underplating — Tin

Operating Temperature: -40 to +85°C

# **Ordering Information**

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

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

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

Molex is a registered trademark of Molex, LLC in the United States of America and may be registered in other countries; all other trademarks listed herein belong to their respective owners.