



**THE DATASHEET OF**  
**0151340200**



# Off-the-Shelf (OTS) PicoBlade Discrete Wire Cable Assemblies

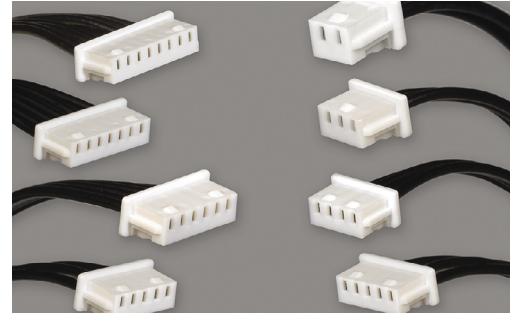


Off-the-shelf PicoBlade Cable Assemblies come in a variety of cable lengths in a compact connector to support both prototyping and global production

## Features and Advantages

**Point-to-point single-row configurations for PicoBlade designs immediately available**  
Support both development and production programs

**Built using UL1061 discrete wires**  
Provides ease of design, prototyping and production



OTS PicoBlade Discrete Wire Cable Assemblies



**Pin-to-pin map configurations**  
Reduce the need to design the cable layout. Require engineers to simply assign each signal to a pin

**Meets 2011/65/ EU RoHS compliance**  
Requires less engineering time and resources

**Built in ISO- and TS-16949-certified facilities**  
Meets current market standards for using Molex connector systems

**PicoBlade Receptacles small pitch and friction lock**  
Takes up less PCB real estate. Minimizes chance of accidental unmating due to vibration or mishandling

## Applications

### Consumer

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

### Commercial Vehicle

### Industrial

- Process controls

### Medical

- Patient monitors



Mobile Devices



Home Appliances

# Off-the-Shelf (OTS) PicoBlade Discrete Wire Cable Assemblies

**molex**

## 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.): 50V  
Current (max.): 1.0A  
Contact Resistance: 20 milliohms  
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: Please see product spec  
Unmating Force: Please see product spec

### *PHYSICAL*

Housing: Please see product spec  
Contact: Please see product spec  
Plating:  
    Contact Area — Tin  
    Solder Tail Area — Tin  
    Underplating — Tin  
Operating Temperature: -40 to +85°C

[www.molex.com/product/picoblade.html](http://www.molex.com/product/picoblade.html)  
[www.molex.com/link/otscableassemblies.html](http://www.molex.com/link/otscableassemblies.html)

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