

PicoBlade Standard Cable Assemblies

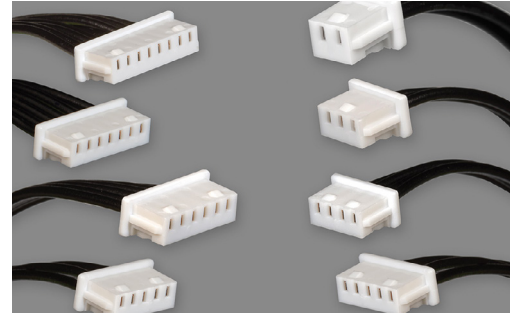


Off-the-shelf PicoBlade Cable Assemblies come in a variety of cable lengths in a compact connector to support both prototyping and global production

Features and Benefits

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



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Pin-to-pin map configurations
Reduces the need to design the cable layout. Requires engineers to simply assign each signal to a pin

Meets 2011/65/ EU RoHS compliance
Less engineering time and resources required to use

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

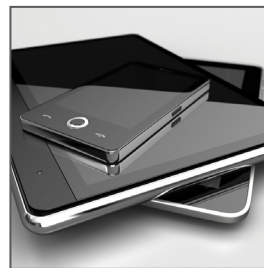
Commercial Vehicle

Industrial

- Process controls

Medical

- Patient monitors



Mobile Devices



Home Appliances

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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.): 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

Ordering Information

Series No.	Component	Number of Rows	Circuits	Length (m)
15134-02**	PicoBlade Cable Assembly	Single	2	0.05, 0.10, 0.15, 0.30, 0.45, 0.60
15134-03**			3	
15134-04**			4	
15134-05**			5	
15134-06**			6	
15134-07**			7	
15134-08**			8	
15134-10**			10	
15134-12**			12	
15134-14**			14	

Custom Product	Description
Contact Molex	Custom lengths and other options

www.molex.com/product/picoblade.html
www.molex.com/link/otscableassemblies.html