

Pico-EZmate Slim 1.20mm Pitch Wire-to-Board Connector

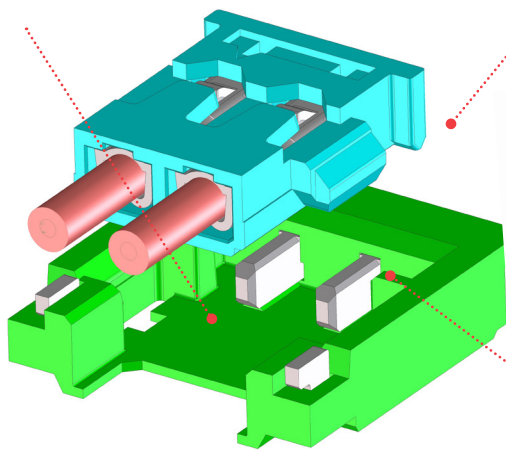
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Now with an even lower profile, the Pico-EZmate Slim connectors support automated assembly processes in tight-spaced consumer and other applications

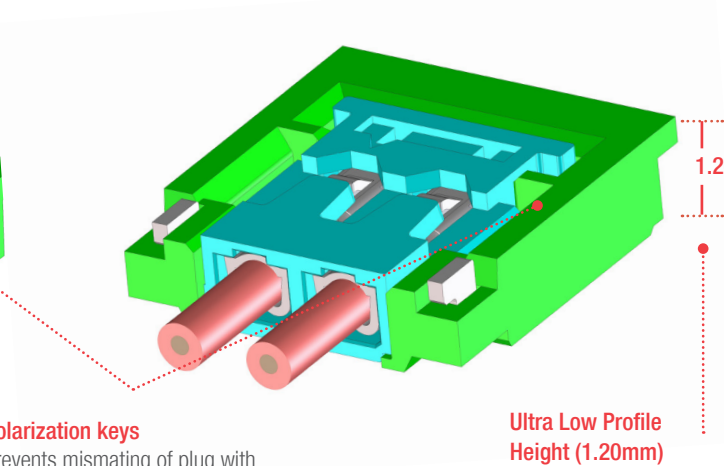
Features and Benefits (Series 202654, 202656, 202655)

Open-top Plug Housing (Series 202656)
Snap-in mating for speedy assembly processing

Vertical Mating Design
Offers fast, fool-proof mating without the possibility of wrong orientation or mismatching issues



Polarization keys
Prevents mismatching of plug with receptacle housing



Ultra Low Profile Height (1.20mm)
Enables easy fitting in to sleek design devices for vertical space savings



Pico-EZmate Slim 1.20mm Pitch

Applications

Smart Phone and Mobile Devices

Mobile Phones, Tablets

Consumer

Electronic Cigarettes (E-Cigars)

Entertainment Device

Home Appliance

White Goods



Pico-EZmate Slim 1.20mm Pitch Wire-to-Board Connector



Specifications

REFERENCE INFORMATION

Packaging: Embossed tape
Mates With: Plug Housing (202654) with Receptacle Header (202656)
Use With: Plug Terminal (202655) with Plug Housing (202654)
Terminal Used:
Designed In: Millimeters
RoHS: Compliant
Halogen Free: Low-halogen
Glow Wire Compliant: No

ELECTRICAL

Voltage (max.): 50V
Current (max.): 2.5 (AWG 28) and 2.0A (AWG 30)
Contact Resistance (max.): 20 milliohms :5 milliohms (on crimped portion)
Dielectric Withstanding Voltage: 500V AC
Insulation Resistance: 100 Megohms min.

PHYSICAL

Housing: PA, UL94V-0, Black
Contact: Copper Alloy
Plating: Gold
Operating Temperature: -40 to 105°C

MECHANICAL

Contact Insertion Force (max.): 14.7N
Contact Retention to Housing (min.): 3.5N
Mating Force (max.): 18N (for first, third and tenth round)
Unmating Force (min.): 3.5N, 1.5N, 1.2N (for first, third and tenth round)
Durability (min.):10

Ordering Information

Series No.	Component	Circuit Size
202656	Plug Housing	2
202655	Plug Terminal	2
202654	Receptacle Housing	2

www.molex.com/link/picoezmateslim.html

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