

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

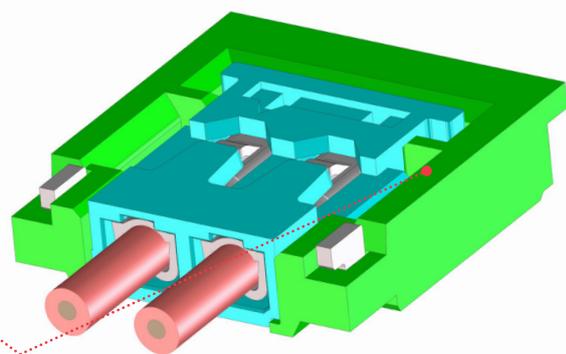
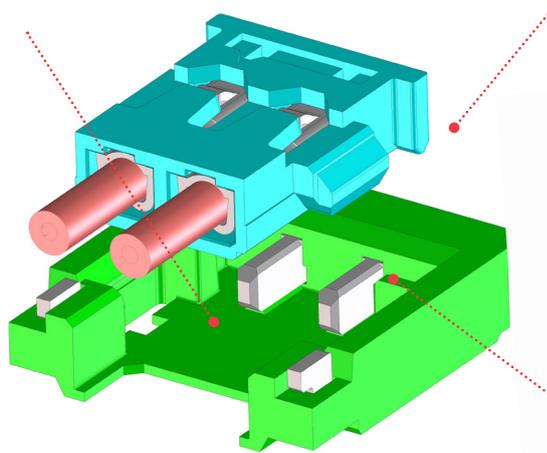
**molex**<sup>®</sup>

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 Receptacle 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



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1.20mm (H)

**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

## Applications

### Smart Phone and Mobile Devices

Mobile Phones, Tablets

### Consumer

Electronic Cigarettes (E-Cigars)

Entertainment Device

### Home Appliance

White Goods



Mobile Phone



Tablet PCs



E-Cigarette

# 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: LCP, UL94V-0, Black  
Contact: Copper Alloy  
Plating: Gold  
Operating Temperature: -25 to 85°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
202654	Plug Housing	2
202655	Plug Terminal	2
202656	Receptacle Housing	2

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