

1.2MM PITCH WIRE TO BOARD CONNECTOR

OVERVIEW

FCI's new 1.2mm pitch wire to board connectors are low profile (mated height of 2.50mm) and compact with pin count availability for 3, 4 and 6 pin counts. The plug and receptacle uses a frictional mating method to provide the retaining function to enable up to 20 mating cycles.

The low profile and compact design of the connector gives its advantage in applications where space is tight and the enclosed receptacle profile make sure that the side entry matings are easy in tight spaces. The additional polarized key slots prevent any misalignment issues between the plug and receptacle.



FEATURES & BENEFITS

- Low profile
- Compact
- Polarized mating

TARGET MARKETS / APPLICATIONS

- Mobile navigation (GPS)
- Tablet
- Notebook
- Solid state lighting, backlight
- Portable gaming devices

> 1.2MM PITCH WIRE TO BOARD CONNECTOR

TECHNICAL INFORMATION

MATERIALS

- Material (Plug):
 - Housing: High-temp thermoplastic, UL94V-0, Black, H/F
 - Terminal: Copper alloy
- Finish (Plug): over Au 0.1um min. Under Ni 1.0um min
- Material (Receptacle)
 - Housing : High-temp thermoplastic, UL94V-0, Black, H/F
 - Terminal: Copper alloy
 - Fixing tab: Copper alloy
- Finish (Receptacle) : over Au 0.1um min Under Ni 1.0um min

ELECTRICAL PERFORMANCE

- Voltage Rating: 50V AC/DC max.
- Current Rating: 0.5A per contact max. @ 28AWG wire
- Cable gauge: 28/30 AWG

PART NUMBERS

Description	Part Number
Receptacle	10125839-XXRAHLF
Plug, Housing	10125836-XX-001
Crimp Terminals	10125837-001GLF

ENVIRONMENTAL

- Operating Temperature: -25°C - +85°C

MECHANICAL PERFORMANCE

- Durability: 20 cycles

SPECIFICATIONS

- GS-12-1189

CERTIFICATIONS & APPROVAL

- UL94 V-0 or VW-1
- EIA 364

PACKAGING

- Tape & Reel
- Terminals in reel

BWBMNT127014EA4