

PMC IEEE 1386 Mezzanine Connectors

molex[®]

Molex PMC Mezzanine Connectors meet IEEE 1386 standards for use with VMEbus and Multibus host boards, making this ideal for LAN, WAN, telecommunication and work station applications

Features and Benefits

Gold plating on contact

High reliability with 100-cycle durability rating

Leaf-style contact design

Protects terminal during mating and handling

Multiple stack heights (8.00 to 15.00mm)

Offers design flexibility. Effective in space constrained applications

Pick and place capability

Enables fast manufacturing processes

LCP housing

ROHS compliant

Up to 3.0 Gbps

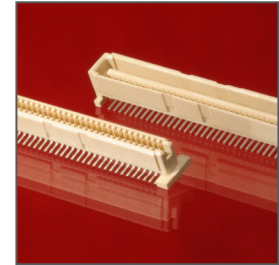
Delivers data rates applicable for a wide variety of applications

Available in tape and reel or tube

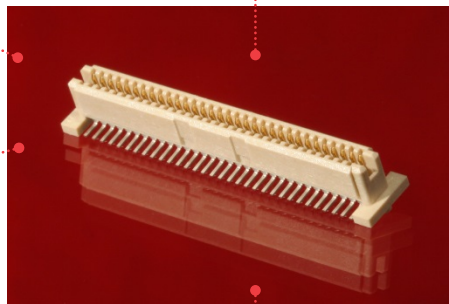
Provide manufacturing flexibility

Low mating force

Less stress on PCB and solder joints



PMC IEEE 1386 Mezzanine Plug and Receptacle



Applications

Consumer

Work Stations

Telecommunications/Network

Routers

Switches

Aerospace/Defense

Automotive

Industrial



Work Station



Routers

Anti-flux intrusion feature

Compatible with no-wash soldering processes

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Specifications

REFERENCE INFORMATION

Packaging: tape and reel, tube
UL File No.: E29179
CSA File No.: LR19980
Mates With: Vertical Receptacle (Series 71439) mates with Vertical Header (Series 71436)
Designed In: Millimeters
RoHS: Yes
Halogen Free: Yes
Glow Wire Compliant: No

ELECTRICAL

Voltage (max.): 100V
Current (max.): 1.0A
Contact Resistance: @10mA – 30milliohms max, @ rated current – 15milliohms max
Dielectric Withstanding Voltage: 250V AC
Insulation Resistance: 100Megohms @ 250V DC

MECHANICAL

CMating Force (max.): 60gf per contact
Unmating Force (max.): 23gf per contact
Durability (min.): 100 cycles

PHYSICAL

Housing: High-Temperature LCP
Contact: Phosphor Bronze
Plating: Gold
Contact Area — Tin
Solder Tail Area — Tin
PCB Thickness: 1.00mm
Operating Temperature: -55 to +85°C

Ordering Information

Series No.	Component	Orientation	Rows	Termination Method
71436	Plug	Vertical	Dual	Surface Mount
71439	Receptacle			

www.molex.com/link/pmcmezzanine.html