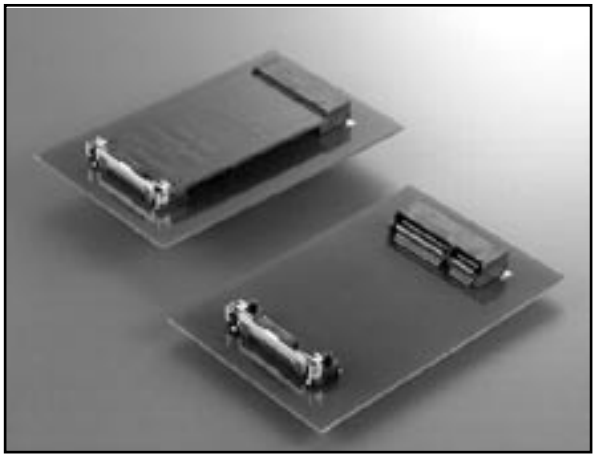
MM60 SERIES CONNECTORS

0.8mm (.031") Contact Spacing, Compatible to PCI Express Mini Card



FEATURES

- Compatible to PCI Express Mini Card Electromechanical SPEC and can be used for connection with PCI Express and modules for USB transmission.
- Available with fixing latch for the whole connector and module. Latch will have operating portion on both ends for module ejection.
- Two types of module mounting heights are developed. Stand-off product is able to compile items under 1.8mm lower module compile height.
- Connector and latch are suitable for automatic mounting. Packaging is embossed tape and reel.

The MM60 series is a module socket compatible to specifications standardized in the PCI-SIG

GENERAL SPECIFICATIONS

Number of Contacts	52 pos.
Contact Resistance	55m ohm max. (initial)
Dielectric Withstanding Voltage	AC 300Vr.m.s (per minute)
Operating Temperature	-40°C to +80°C
Rated Current	0.5A per pin
Lifetime	50 times
Insertion Loss	1dB min.(1.25Ghz max.) -5dB min.(3.75Ghz max.)
Return Loss	12dBmax.(1.3GHz max.) -7dBmax.(2Ghz max.) -4dB(3.75GHz max.)
Cross talk (near end)	-32dB max.(1.25Ghz max.) -26dBmax.(3.75Ghz max.)

MATERIALS AND FINISHES*

Connector	
Contact	Copper alloy/Contact area: Au plating over Ni Terminal area: Au flash over Ni
Insulator	Heat resistant material (UL94V-0)
Hold Down	Copper Alloy/Sn plating

Latch	
Contact	Stainless steel/ Sn platingInsulatorHeat
Insulator	Heat resistant material (UL94V-0)

ORDERING INFORMATION - Connector

MM60 - 52 B 1 - E 1

- Series
- No. of Contacts
- Socket Type
- Key Type
- Height, Modification Code
  - 1mm (.039")
- Contact Finish
  - 1 - Au Plating (0.1µm)

ORDERING INFORMATION - Latch

MM60 - EZ H059 - B 5

- Series
- Latch type
- Application Connector Height
- With Boss
- 5 - Sn Plating

• Please consult JAE for verification of product availability.

Dimensions in mm (inches).