

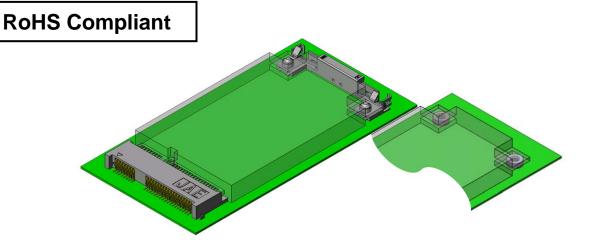
CONNECTOR



Compatible With PCI Express Mini Card

MB-0147-6 April 2015

MM60 Series



The MM60 Series is a module socket compatible with the specifications defined by the PCI-SIG.

Features

- ■Compatible with the PCI Express Mini Card Electromechanical Specification and can be used for connecting with modules with PCI Express and USB communication.
- ■76-contact socket is compatible with DMC (Display Mini Card).
- ■Retention latch part available to fix module to connector.

 Latch has mechanisms on both sides for module ejection.
- ■Two types of module mounting heights are available.

 Stand-off type allows components of under 1.8mm height to be placed below the module.
- ■Connector and latch are compatible with automatic mounting. Embossed tape packaging.

General Specifications

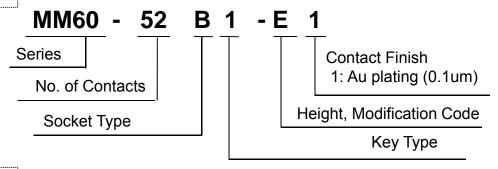
- ■No. of Contacts: 52 pos., 76 pos.
- ■Contact Resistance: 60mΩ max. (initial)
- ■Dielectric Withstanding Voltage: AC 300Vr.m.s (for 1 minute)
- ■Operating Temperature: -40 to+85 Deg. C
- ■Rated Current: 0.5A per pin
- ■Durability: 50 mating cycles
- ■Insertion Loss: -1dB min.(1.25GHz max.) / -5dB min.(3.75GHz max.)
- ■Return Loss: -12dB max.(1.3GHz max.) / -7dB max.(2GHz max.) / -4dB(3.75GHz max.)
- ■Crosstalk (Near End): -32dB max.(1.25GHz max.) / -26dB max.(3.75GHz max.)

Materials and Finishes

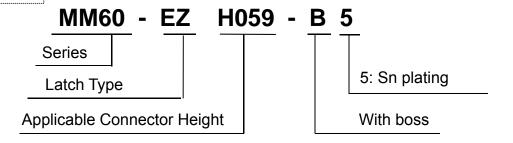
Component	Material / Finish		
Connector			
Contact	Copper alloy / Contact area: Au plating over Ni Terminal area: Au flash over Ni		
Insulator	Heat resistant material (UL94V-0)		
Hold down	Copper alloy / Sn plating		
Latch			
Contact	Stainless steel / Sn plating		
Insulator	Heat resistant material (UL94V-0)		
Nut			
Nut	Brass / Sn plating		

Ordering Information





Latch

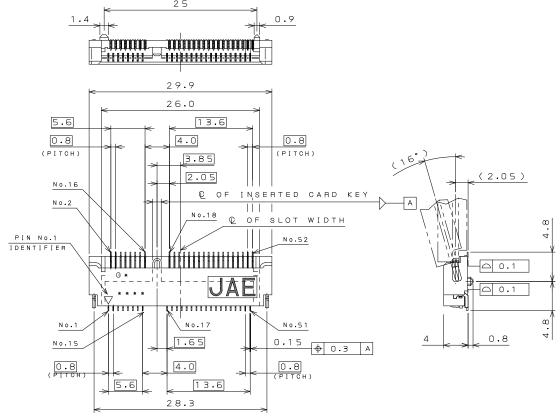


Combination

	Connector	Latch	Nut
Height 1	MM60-52B1-G1	MM60-EZH039-B5	NT1
	MM60-76B2-G1	WIWOU-EZHU39-B3	
Height 2	MM60-52B1-E1	MM60-EZH059-B5	NT4
Height 3	MM60-52C2-R1		

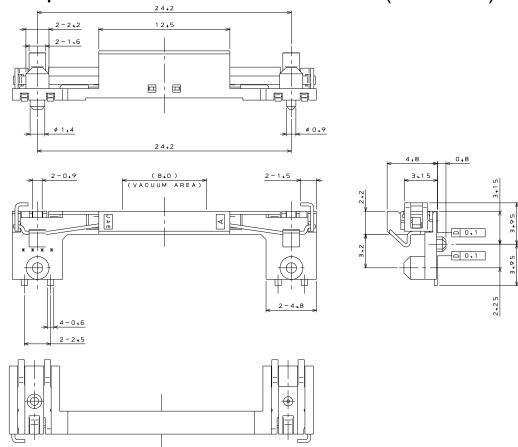
Connector: MM60-52B1-G1 (SJ110608)

Embossed Tape Product: MM60-52B1-G1-R850 (SJ110634)



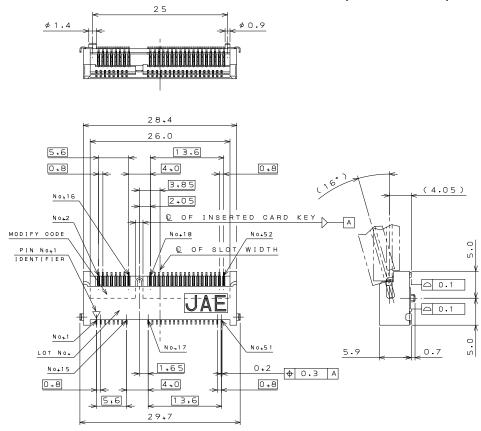
Latch: MM60-EZH039-B5 (SJ105217)

Embossed Tape Product: MM60-EZH039-B5-R850 (SJ105218)



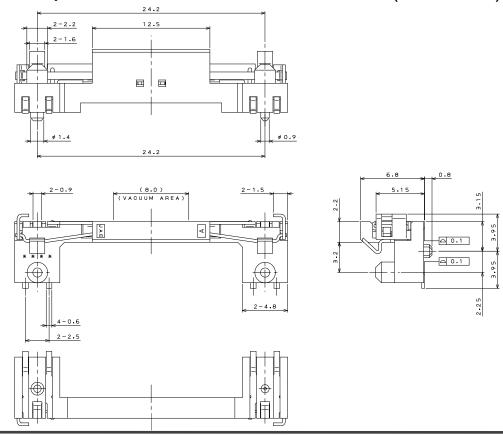
Connector: MM60-52B1-E1 (SJ105219)

Embossed Tape Product: MM60-52B1-E*-R650 (SJ105220)



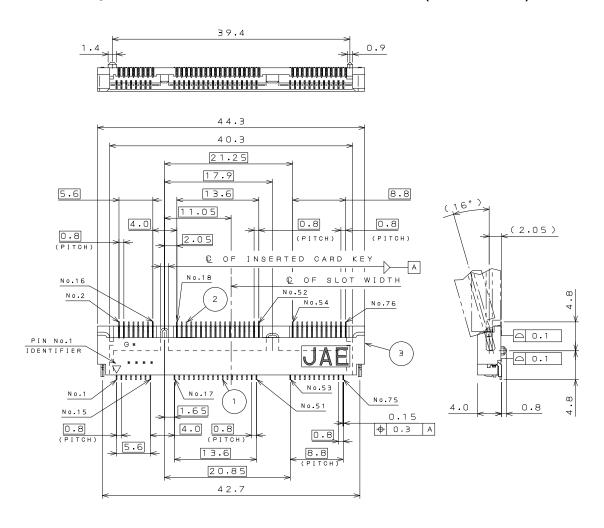
Latch: MM60-EZH059-B5 (SJ105221)

Embossed Tape Product: MM60-EZH059-B5-R650 (SJ105222)



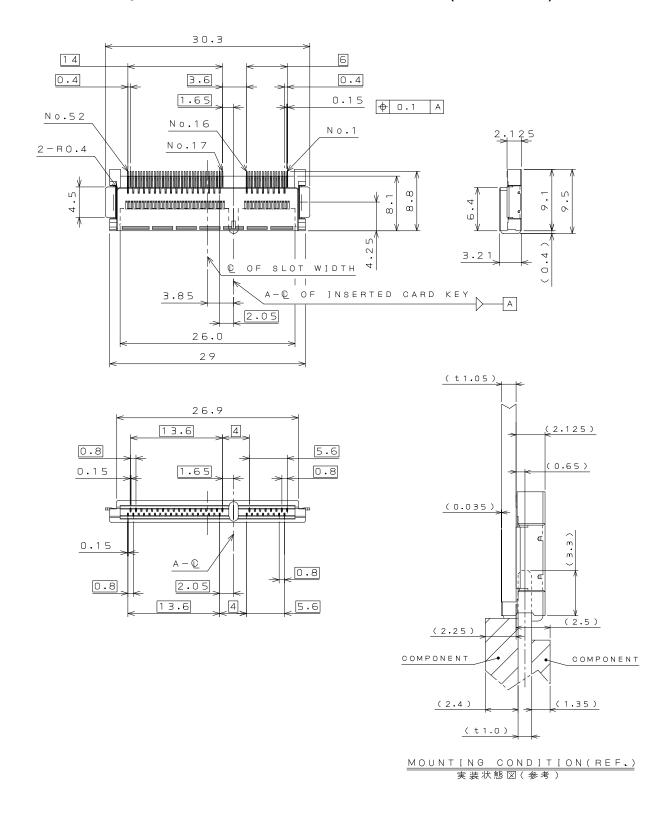
Connector: MM60-76B2-G1 (SJ110638)

Embossed Tape Product: MM60-76B2-G1-R1000 (SJ110836)



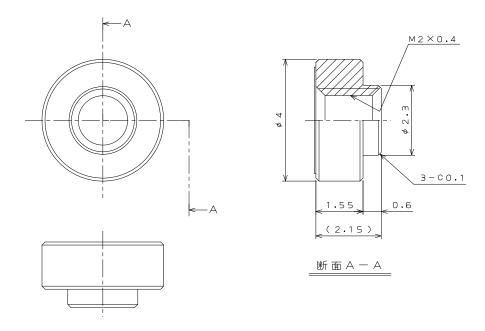
Connector: MM60-52C2-R1 (SJ111356)

Embossed Tape Product: MM60-52C2-R1-R1200(SJ111357)



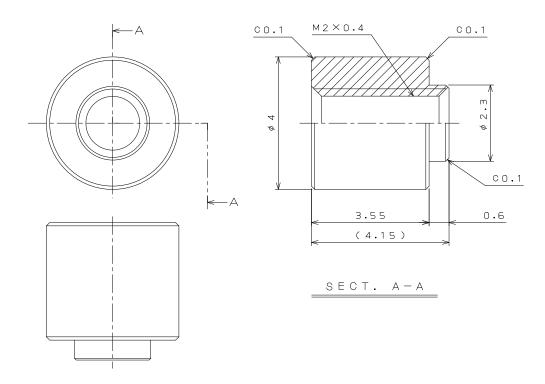
Latch: NT1 (SJ109548)

Embossed Tape Product: NT1R3000 (SJ109575)

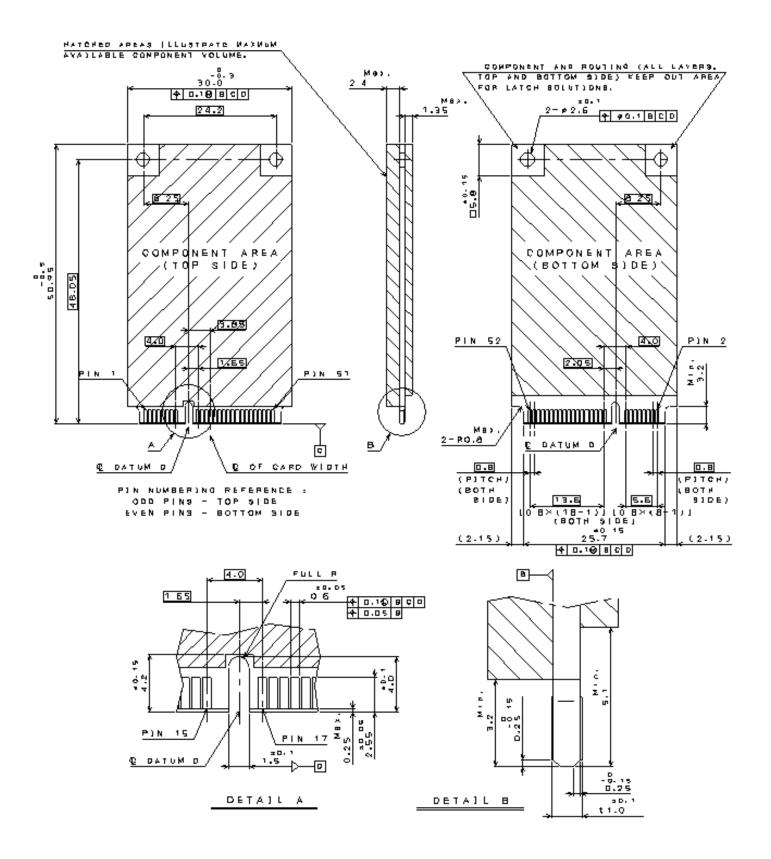


Latch: NT4 (SJ110869)

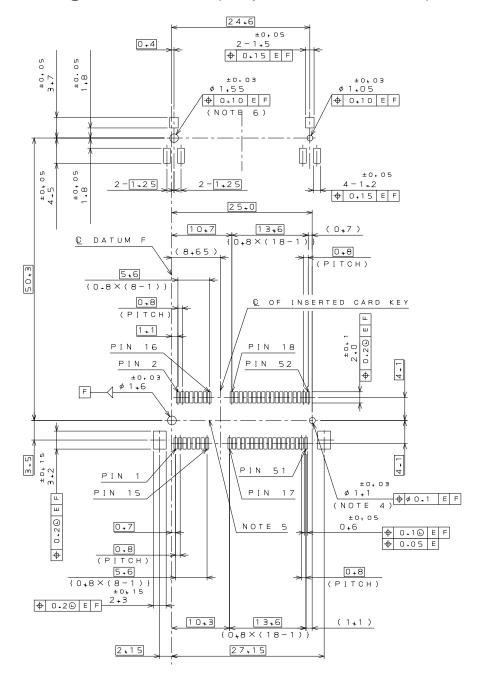
Embossed Tape Product: NT4R1600 (SJ110870)



Applicable Module Dimensions (52 pos., for reference)



Board Mounting Dimensions (52 pos., for reference)



**Please refer to SJ drawing when considering this product

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Aobadai Building, 3-1-19, Aobadai, Meguro-ku, Tokyo 153-8539 Phone: +81-3-3780-2787 FAX: +81-3-3780-2946 **Notice:** Products shown in this brochure are made for the applications listed below. However, if the above-mentioned products are to be used in aerospace devices, marine cable-connection devices, atomic power control systems, medical equipment for life-support systems, or any other specific application requiring extremely high reliability, please contact JAE for further information.

Recommended applications: Computers, Office machines, Measuring devices, Telecommunication devices (Terminals, Mobile devices), AV devices, Household applications, FA devices, etc.

^{*} The specifications in this brochure are subject to change without notice. Please contact JAE for information.

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MM60-52B1-G1-R850 NT1R3000 NT4R1600