



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



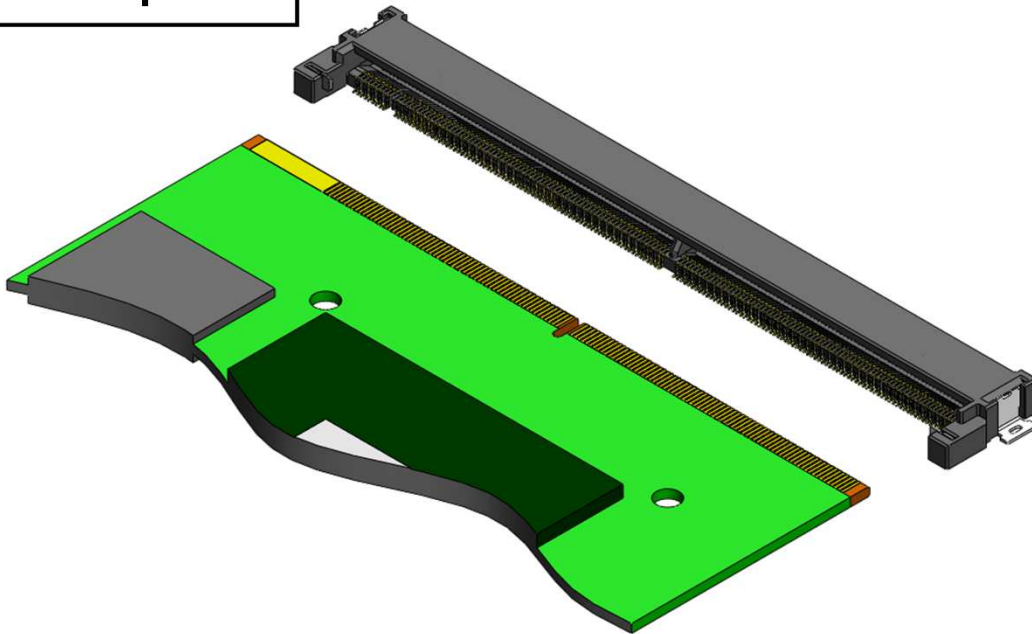
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



NEW
**MXM3.0 Compatible Connector**
MM70 SeriesCONNECTOR
MB-0207-2
April 2010**RoHS Compliant**

The MM70 series is a graphics board connector compatible with the MXM3.0 standard. It can be used to connect add-in MXM3.0 modules (graphics boards) in order to improve the graphics processing performance of personal computers.

Features

- Mating area is 0.5mm pitch, with two-layer upper and lower structure.
- Compatible with MXM3.0 standard. (Card edge type).
- Contact size: available in 2 types
 - 6.7mm height, 12.20mm depth, and 89.9mm width. (3.0mm board height)
 - 4.3mm height, 12.75mm depth, and 89.9mm width. (1.5mm board height)
- Precision positioning stopper for MXM3.0 module prevents contact failure.

General Specifications

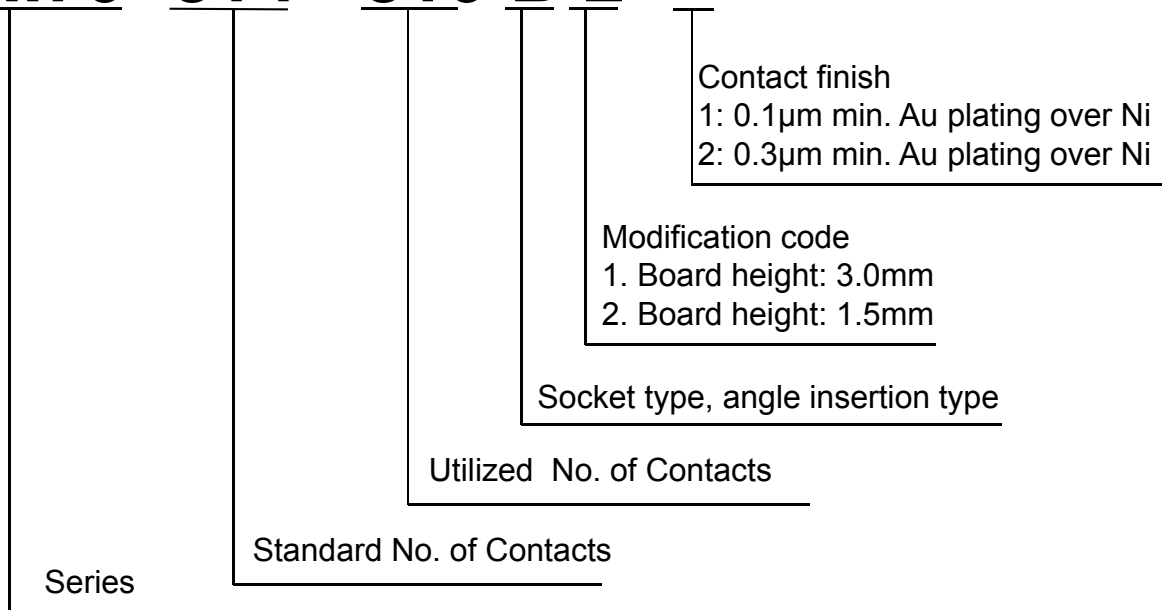
- No. of Contacts: 314 pos. equivalent (310 pos.)
- Contact Resistance: 55m Ω max. (initial), 80m Ω max. (after test)
- Dielectric Withstanding Voltage: AC 250Vr.m.s (per minute)
- Rated Current: 0.5A per pin
- Insulation Resistance: 50M Ω min. (after test)
- Durability: 30 times
- Operating Temperature: -40 to +85 Deg. C

Materials and Finishes

Component	Material / Finish
Insulator	Heat resistant plastic
Contact	Copper alloy / contact area: 0.1μm min. Au plating over Ni
Hold down	Copper alloy / Sn plating over Ni
Stopper	Copper alloy / Sn plating over Ni

Ordering Information

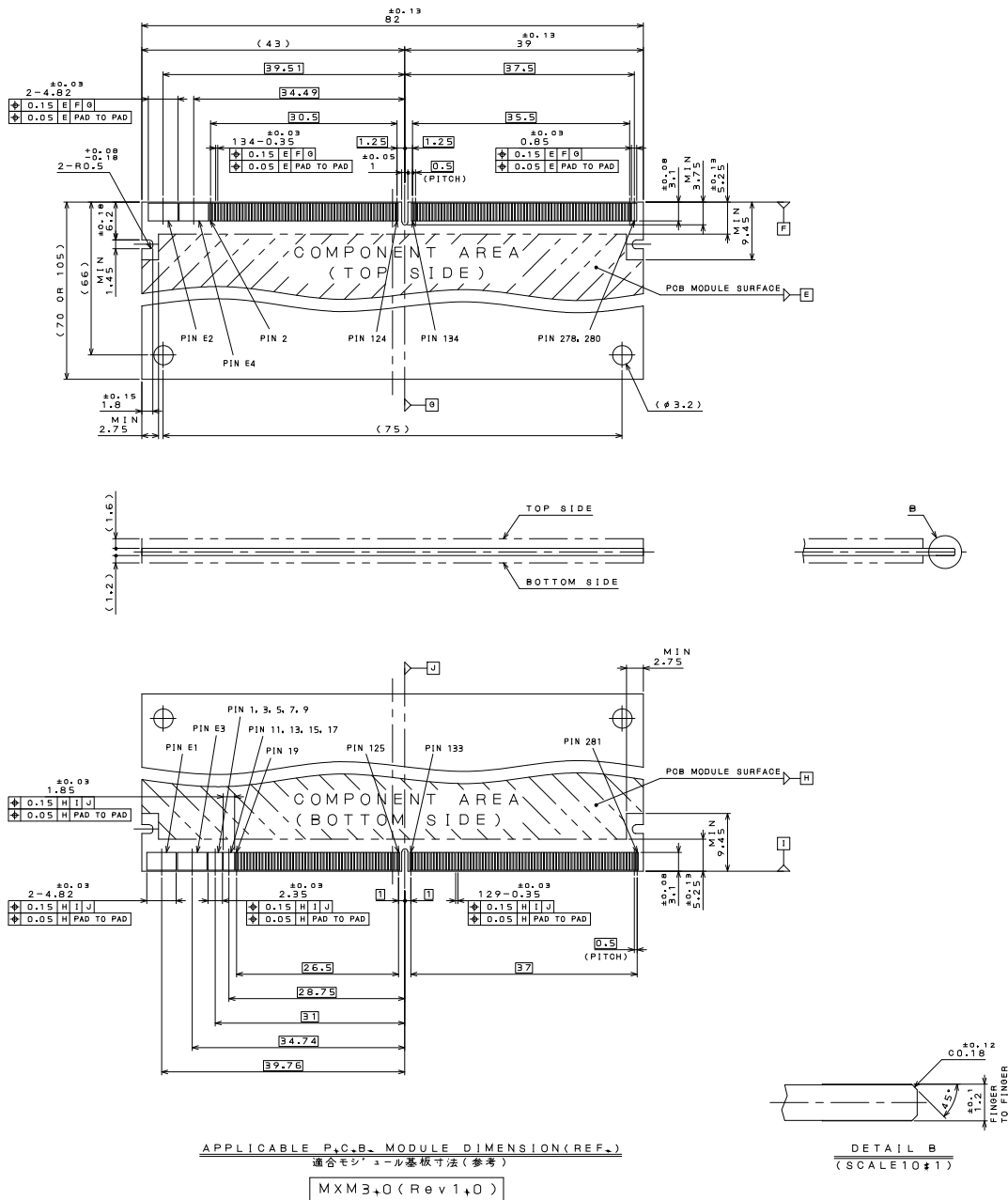
MM70- 314 - 310 B 2 - *



Drawing No.

Part Number	SJ Drawing	Specification
MM70-314-310B2-1	SJ109148	JACS-10543
MM70-314-310B2-2		
MM70-314-310B1-1	SJ109265	
MM70-314-310B1-2		

Applicable dimensions of module board (for reference)



Japan Aviation Electronics Industry, Limited

Product Marketing Division
 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 leaflet 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.