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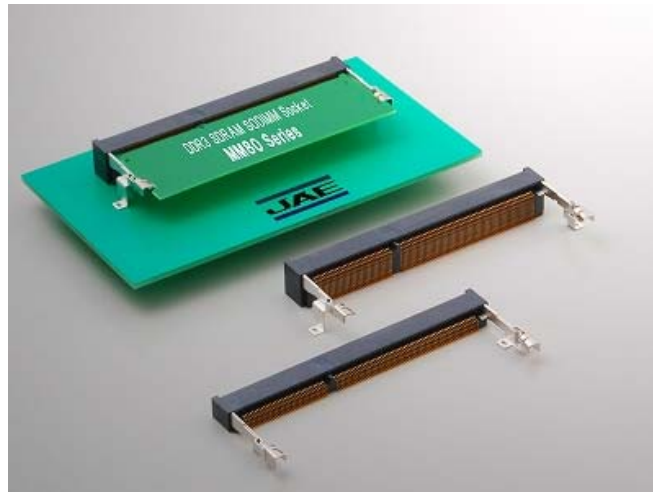
[JAE Electronics](#)  
[MM80-204B1-1](#)

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## DDR3 Standard Memory Module Compatible High-Speed Transmission Connector "MM80 Series" Has Been Developed



For devices like notebook PCs, servers and fax machines, the data volume has recently been increasing due to the growing use of high-definition video and images. This has created a demand for higher capacity temporary storage memory in these devices.

To meet this demand, JAE has developed the "MM80 Series" socket connector for the high-capacity DDR3 SDRAM SODIMM, which is compatible with the MO-268C JEDEC standard.

The MM80 Series is a highly reliable connector with secure positioning and stable response through use of an incomplete-insertion prevention structure that blocks the latch from locking if the memory module is not fully inserted.

(Note 1)DDR3: Double Data Rate 3  
 SDRAM: Synchronous Dynamic Random Access Memory  
 SODIMM: Small-Outline Dual Memory Module

### :: Features

- 204 pin socket for DDR3 SDRAM SODIMM, compatible with JEDEC standard (MO-268C).
- Right-angle SMT type, connector height is available in two types: 5.2mm and 9.2mm. Reverse mounting type also available (heights: 5.2mm, 9.2mm).
- Structure prevents incomplete insertion by blocking the latch from locking if the memory module is not fully inserted.
- Incorrect-insertion prevention key operating voltage is DDR3 compatible 1.5V.
- Contact stability is improved with our unique contact structure.

**:: Applicable market**

Notebook PC, Desktop PC, Server, FAX, Copier, etc.

**:: General specifications**

1. Number of Contacts: 204 pos.
2. Contact Resistance: 40m ohm max.
3. Dielectric Withstanding Voltage: AC500Vr.m.s per minute
4. Contact Pitch: 0.6 mm
5. Operating Temperature: -55 Deg. C to 85 Deg. C
6. Rated Current: 0.3A per contact
7. Insulation Resistance: 100M ohm min.
8. Durability: 25 cycles
9. Applicable DIMM Board Thickness: 1.0 ± 0.1mm

**:: Materials and Finishes**

Component	Material/ Finish
Metal Latch	Stainless steel (Sn plating)
Insulator	Glass filled LCP
Contact	Contact area, phosphor bronze (0.1µmmin. Au plating over Ni) Terminal area, phosphor bronze (Au flash plating over Ni)

>>MM80 part number list

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