

NEW



0.8mm pitch bay connector

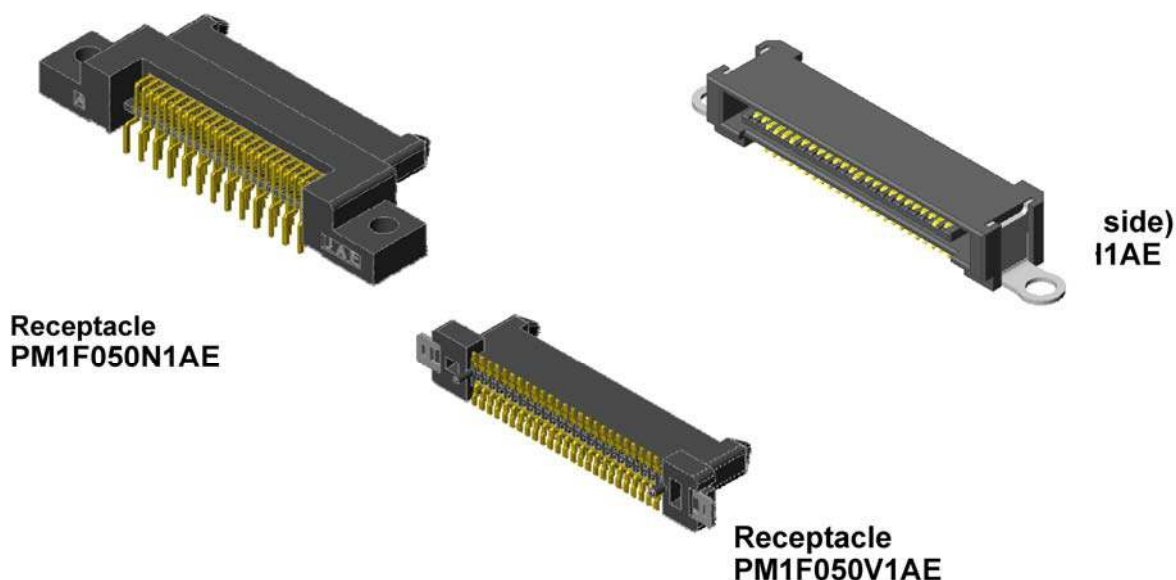
CONNECTOR

MB-0089-3

July 2006

PM1 Series

RoHS Compliant



PM1 series is a bay connector compatible with optical drive 9.5mm thick.

Features

- Connector height 5.4mm, low profile board to board bay connector.
- Plug side (PM1M050H1AE) with 2-step contact length-insertion structure.
Compatible to 2-step contact length-insertion structure (step difference: 0.4mm)
by 2 contact types (contact length 3.1mm and 2.7mm)
- Superior displacement error absorption structure
Insertion guide absorbs the displacement caused by insertion and removal from drive.
- Lifetime 7000 times, achieved
- Plug side (PM1M050H1AE) can be mounted to board in common with KX15-50KLDP.
(There is no mating compatibility between PM1series and KX14/15 series connectors)

General Specifications

- | | |
|---|---------------------------------------|
| •No. of contacts: 50 pos. | •Rated current: 0.5A per contact |
| •Contact resistance: 70m ohm max. | •Insulation resistance: 100M ohm min. |
| •Dielectric withstanding voltage:
AC 250 Vr.m.s (per minute) | •Life time: 7000 times |
| •Contact pitch: 0.8mm | •Rated voltage: AC125V.r.m.s |
| •Operating temperature: -40 to+85 Deg. C | |

Materials and Finishes

Componets	Materials	Finishes
Base Insulator	LCP filled with heat-resistant plastic glass	None(UL94V-0), Black
Contact	Copper alloy	Contact area: Au plating Terminal area: Sn plating over Ni
Reinforcement	Copper alloy	Sn type plating

