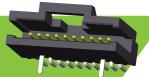


1.27mm Latching Pin Headers





Single Row SMT Right Angle with Fixing Pin

PRODUCT DETAILS

The Flex Connection range of 1.27mm Shrouded and Unshrouded Board Mounted PCB connectors provide a reliable high density interconnect system. We offer the widest range of product available on the market with single row and double row products with and without shroud and also in thru hole and SMD versions. Options for the shrouded connectors includes Right Angle, Vertical, Thru Hole, SMD in both Vertical and Right Angle with or without Fixing Pins. Product is supplied as standard with Gold plating in the contact area. These connectors are ideal to use to mate with high density 1.27mm connectors on Flexible Cables, Flexible Circuits and Membrane Switches.

FEATURES



Quality Design



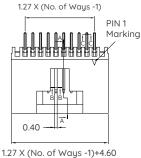
Cost-Effective

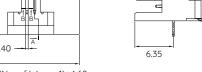
MATING CONNECTOR

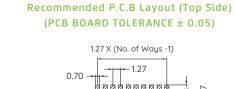
DIMENSION OUTLINE

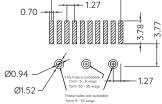


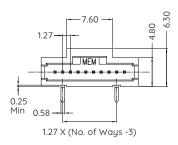
MH545











10.90

2.00

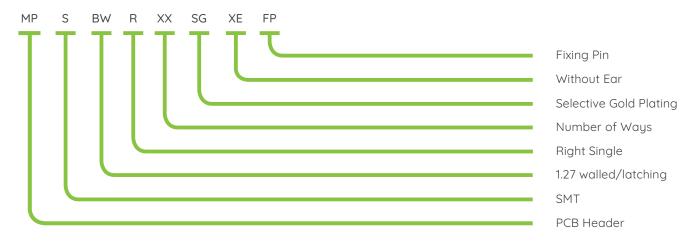




ELECTRICAL AND MECHANICAL PROPERTIES

| Pitch | 1.27mm |
|-----------------------------|----------------------------|
| Contact Pin | 0.40mm Square |
| Insulator Material | PA9T + 30% GF UL 94V-O |
| Mating Housing | MH545 Latching Housing |
| Number of Ways | 4 to 50 ways |
| Contact Material | Phosphor Bronze |
| Contact Area Plating | Gold over Nickle |
| Solder Pins Plating | Tin Plated over Nickle |
| Current Rating | 2A AC, DC |
| Contact Resistance | >20m Ω |
| Rated Voltage | 300 VRMS |
| Withstanding Voltage | 900 VRMS |
| Breakdown Voltage | 1200 VRMS |
| Insulation Resistance | 1000 MΩ @ 500VRMS |
| Operating Temperature Range | -40 Deg C to + 125 Deg C |
| Insulation Resistance | 1000 ΜΩ |
| Mechanical Endurance | 500 Operations |
| Forces | Mating: 2N/Contact Max |
| | Unmating: 0.2N/Contact Min |
| | |

PART NUMBERING BREAKDOWN



1st Jan 2017 Issue 1

2023 Flex Connection

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