

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



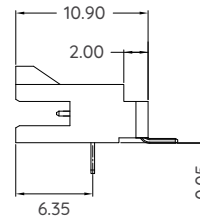
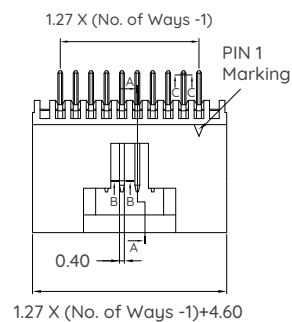
Cost-Effective

MATING CONNECTOR

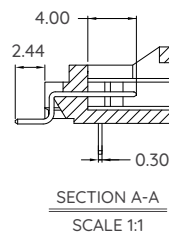
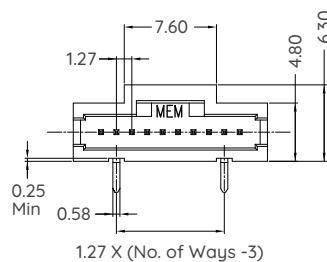
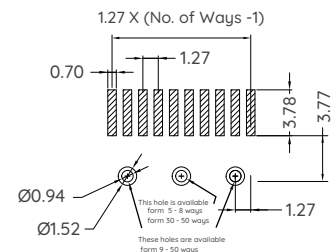
DIMENSION OUTLINE



MH545



Recommended P.C.B Layout (Top Side) (PCB BOARD TOLERANCE ± 0.05)

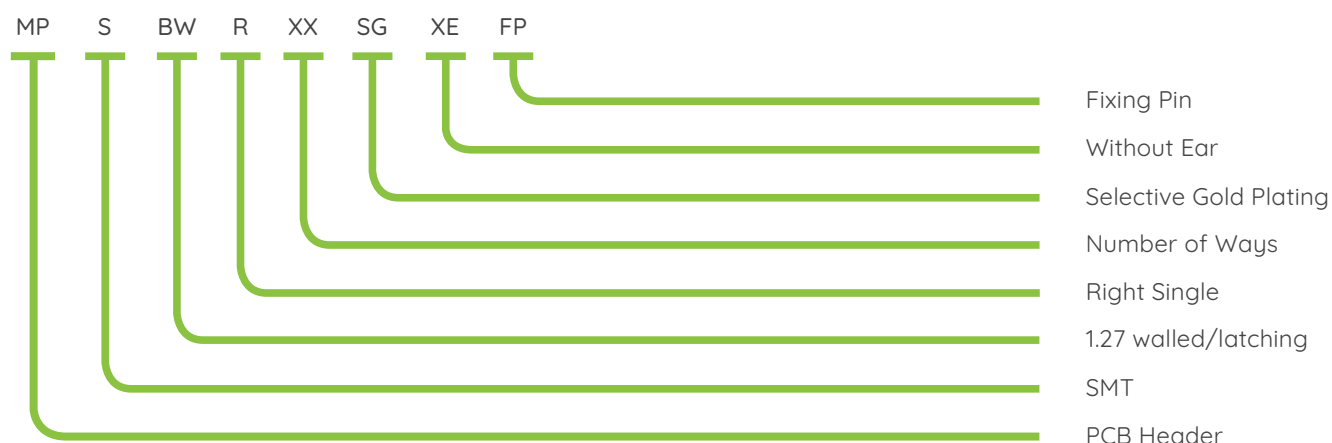


SECTION A-A
SCALE 1:1

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 M Ω @ 500VRMS
Operating Temperature Range	-40 Deg C to + 125 Deg C
Insulation Resistance	1000 M Ω
Mechanical Endurance	500 Operations
Forces	Mating: 2N/Contact Max Unmating: 0.2N/Contact Min

PART NUMBERING BREAKDOWN



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flexconnection.global

Europe

Unit 8 Campus Five
Third Avenue Letchworth
Hertfordshire SG6 2JF
United Kingdom
T +44 1462 341125
F +44 1462 677499
E sales@flexconnection.eu

North America

4500 Red Arrow Hwy Unit E
Stevensville
Michigan
49127 USA
T +1 269 408 8400
F +1 269 593 5952
E sales@flexconnection.net

Hong Kong

Unit 5/6 6F Westley Square
48 Hoi Yuen Road
Kwun Tong
Hong Kong
T +852 3523 1884
F +852 3747 8980
E sales@flexconnection.asia

China

Unit 613A-615 Floor 6 Block
A Commercial Bldg 99 Dahe
Road Guanlan Long Hua
District Shenzhen China
T +86 755 2798 1678
F +86 755 2263 8887
E sales@flexconnection.cn

Brazil

Avenida Cassiano Ricardo
n° 601 Sala 61 Jd. Aquarius
Ed. The One Office Tower
São José dos Campos
SP 12246-870 Brazil
T +55 11 99013-3030
E sales@flexconnection.com.br