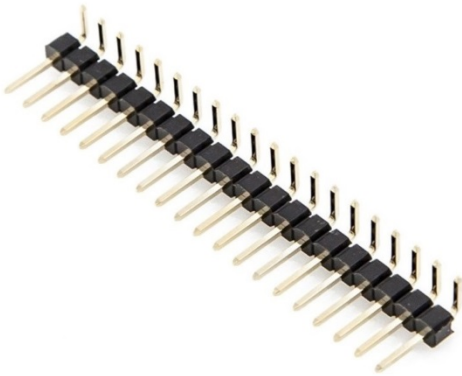


MPSI CONNEX 100-0006-XX Series 2.54mm (0.100") Pitch 1-Row 90°, TH, PCB Header:
3A, PBT UL94V-0, 1 to 40 Positions. Order Code 100-0006-XX (See > Options)

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Images are for Illustrative Purposes Only

100-0006 Series Single-Row 90° 2.54mm Pitch Pin Headers.

90° PCB Mounting and Through-Hole Technology.

Rated at 3A, with Standard UL94V-0 (PA6T) Hi-Temp Insulator

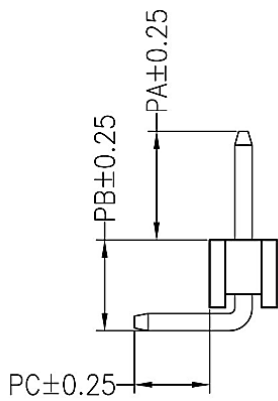
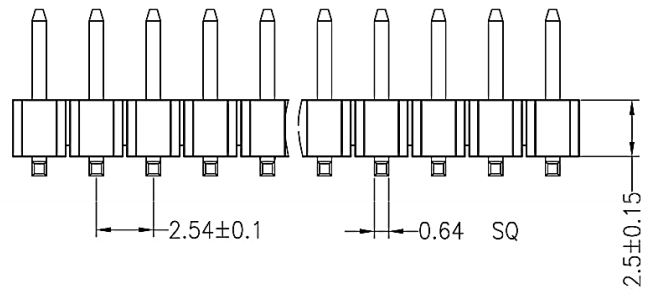
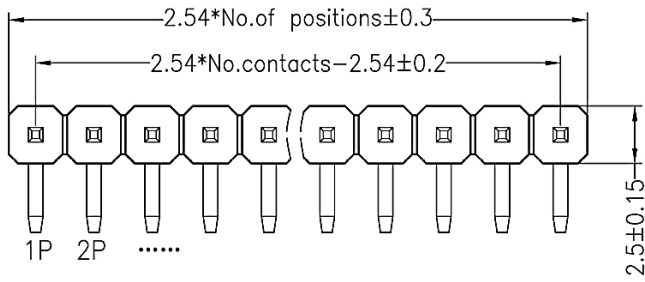
Available Options (*See > Options*):

Number of Ways: 1 to 40
 Contact Plating
 Insulator Materials
 Insulator Height
 Packaging

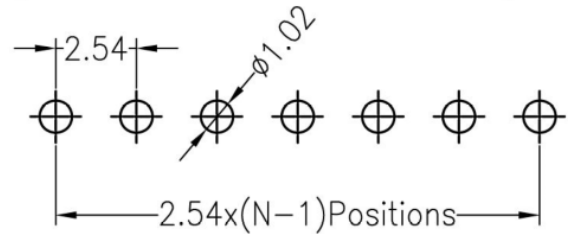
> TECHNICAL SPECIFICATION

PITCH:	2.54MM	
NUMBER OF ROWS:	1	
NUMBER OF WAYS:	1 TO 40	(SEE > OPTIONS)
MOUNTING TYPE:	PCB THROUGH-HOLE	
ORIENTATION:	90°	
INSULATOR COLOUR:	BLACK	
INSULATION (PLASTICS):	PA6T HI-TEMP UL94V-0 STANDARD	(SEE > OPTIONS)
CONTACT MATERIAL:	BRASS/COPPER ALLOY	
CONTACT PLATING:	0.8" MICRON GOLD STANDARD	(SEE > OPTIONS)
RoHS COMPLIANT:	YES	
CURRENT RATING:	3A	
CONTACT RESISTANCE:	20 mΩ MAX	
DIELECTRIC WITHSTANDING VOLTAGE:	1000V AC	
INSULATION RESISTANCE:	1000MΩ	
OPERATING TEMPERATURE:	-40°C to +105°C	

> PHYSICAL



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



Dimension antitheses list

ITEM	PC	PB	PA	L
Alternate	3.00	4.22	6.00	13.80



> OPTIONS

NUMBER OF WAYS:	-XX SUFFIX DESIGNATES NUMBER OF WAYS
INSULATOR MATLS: (PA6T POLYESTER HI TEMP AS STD NO SUFFIX)	-A PBT (UL94V-0) -B PA46 BLACK POLYAMIDE NYLON (UL94V-0) -C PA66 BLACK POLYAMIDE NYLON (UL94V-0) -D LCP BLACK (UL94V-0)
CONTACT PLATING: (0.8U" GOLD FLASH AS STANDARD NO SUFFIX)	-G1 1U" GOLD -G2 1.5U" GOLD -G3 2U" GOLD -G4 3U" GOLD -G5 5U" GOLD -G6 10U" GOLD -G7 15U" GOLD -S0 GOLD FLASH/TIN -SN TIN
INSULATOR HEIGHT: (2.5MM AS STANDARD NO SUFFIX)	ALTERNATE OPTIONS UPON REQUEST
PACKAGING: (PE BAG AS STANDARD NO SUFFIX)	TR TRAY TU TUBE TC TUBE+CAP RC REEL+CAP RM REEL+MYLAR
PART NUMBER EXAMPLE: 100-0006-04 = 1x4 WAY, HI-TEMP INSULATOR, GOLD-FLASH PLATING, BAG. PLEASE VERIFY AVAILABILITY ON OPTIONS PRIOR TO SELECTION / ORDERING	