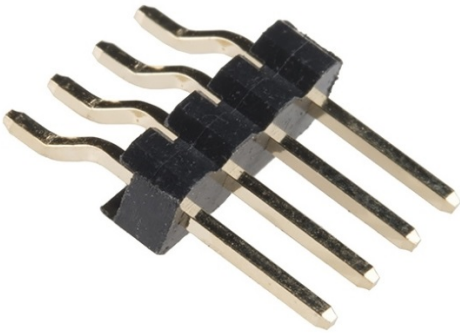


MPSI CONNEX 100-0008-XX Series 2.54mm (0.100") Pitch 1-Row 90°, SMT, PCB Header: 3A, PA6T UL94V-0, 1 to 40 Positions. **Order Code 100-0008-XX** (See > Options)

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Images are for Illustrative Purposes Only

100-0008 Series Single-Row 90° 2.54mm Pitch Pin Headers, with or without plastic locating posts.

90° PCB Mounting and SMT Technology.

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

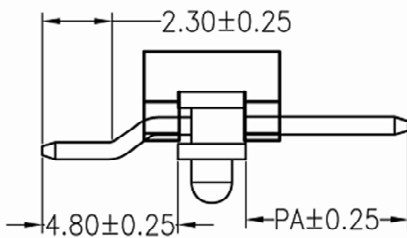
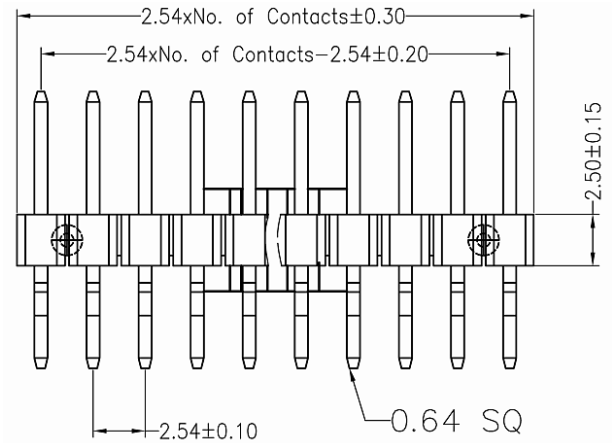
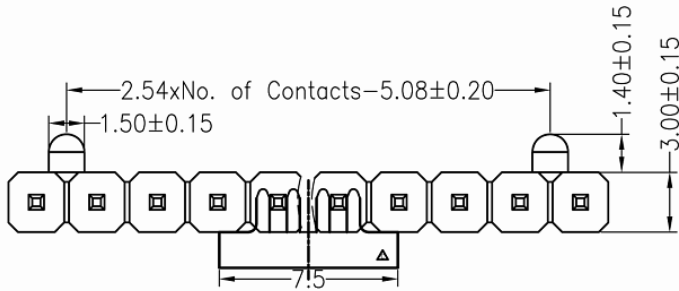
Available Options (See > Options):

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

> TECHNICAL SPECIFICATION

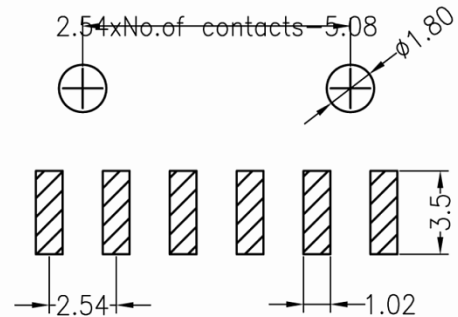
PITCH:	2.54MM	
NUMBER OF ROWS:	1	
NUMBER OF WAYS:	1 TO 40	(SEE > OPTIONS)
MOUNTING TYPE:	PCB SMT	
ORIENTATION:	90°	
INSULATOR COLOUR:	BLACK	
INSULATION (PLASTICS):	PA6T UL94V-0 STANDARD	(SEE > OPTIONS)
CONTACT MATERIAL:	BRASS/COPPER ALLOY	
CONTACT PLATING:	0.8" MICRON GOLD FLASH STD	(SEE > OPTIONS)
RoHS 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	
MAX PROCESSING TEMP (PA6T):	230°C for 30-60 SECONDS (260°C 10 SECONDS)	

> PHYSICAL



Dimension antitheses list		
ITEM	PA	L
Standard	6.00	13.50
Alternate		

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





> OPTIONS

NUMBER OF WAYS:	-XX SUFFIX DESIGNATES NUMBER OF WAYS
LOCATING POSTS: (WITHOUT POST AS STANDARD NO SUFFIX)	-P DESIGNATES WITH LOCATING POSTS
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 - NO SUFFIX)	TR TRAY TU TUBE TC TUBE+CAP RC REEL+CAP RM REEL+MYLAR
PART NUMBER EXAMPLE: 100-0008-08-TC = 1x8 WAY, PA6T HI-TEMP, W/O POSTS. GOLD FLASH PLATING, TUBE+CAP PACKAGING. PLEASE VERIFY AVAILABILITY ON OPTIONS PRIOR TO SELECTION.	