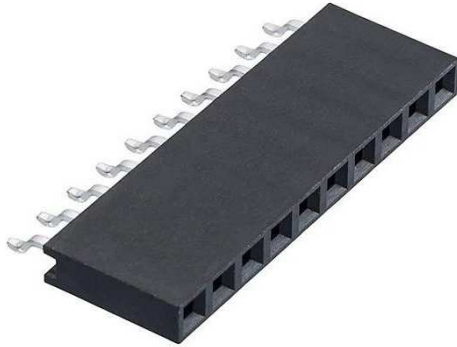


**MPSI CONNEX 101-0008-XX Series 2.54mm (0.100") Pitch SIL 90°, SMT, PCB Socket:  
3A, PA6T UL94V-0, 1 to 40 Contacts. Order Code 101-0008-XX (See > Options)**

| [www.mpsiconnex.com](http://www.mpsiconnex.com) |

| [sales@mpsiconnex.com](mailto:sales@mpsiconnex.com) |



Images are for Illustrative Purposes Only

101-0008 Series Single-Row 2.54mm Pitch Right Angled 90° Female PCB Sockets.

Right Angled 90° SMT PCB Mount.

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

Available Options (*See > Options*):

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

## > TECHNICAL SPECIFICATION

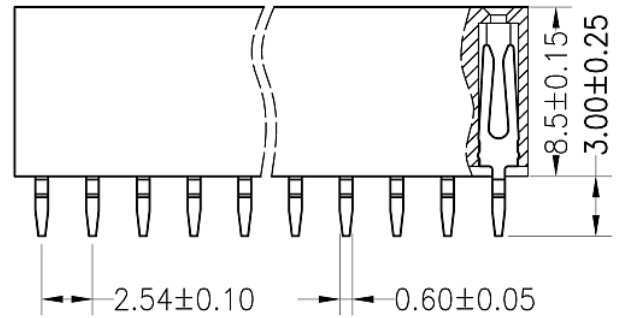
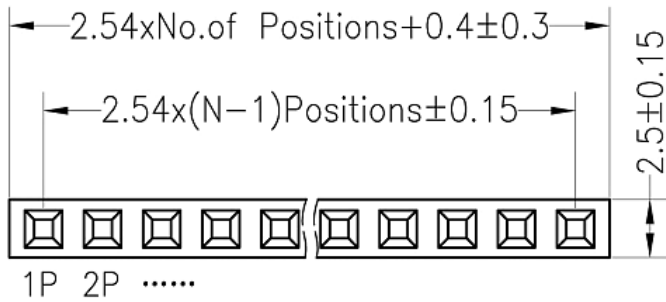
PITCH:	2.54MM	
NUMBER OF ROWS:	1	
NUMBER OF WAYS:	1 to 40	(SEE > OPTIONS)
MOUNTING TYPE:	PCB SMT	
ORIENTATION:	90°	
INSULATOR COLOUR:	BLACK	
INSULATION (PLASTICS):	PA6T UL94V-0 STANDARD	(SEE > OPTIONS)
CONTACT MATERIAL:	BRASS	
CONTACT PLATING:	GOLD FLASH STANDARD	(SEE > OPTIONS)
RoHS COMPLIANT:	YES	
CURRENT RATING:	3A	
CONTACT RESISTANCE:	20 mΩ MAX	
DIELECTRIC WITHSTANDING VOLTAGE:	1000V AC	
INSULATION RESISTANCE:	1000MΩ	
OPERATING TEMPERATURE:	-40°C to +105°C	
MAX PROCESSING TEMP (PA6T):	230°C for 30-60 SECONDS (260°C 10 SECONDS)	



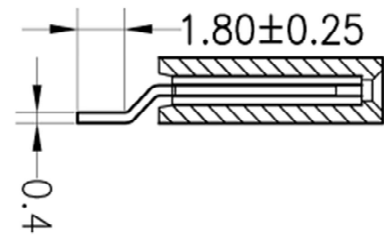
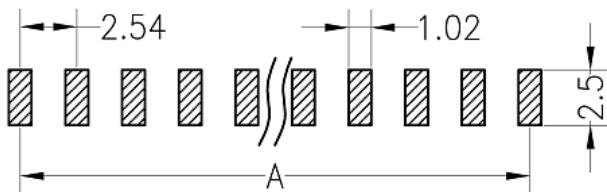
> OPTIONS

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) -E PA9T BLACK POLYAMIDE NYLON (UL94V-0)
CONTACT PLATING: (GOLD FLASH AS STANDARD NO SUFFIX)	-G2 5U" GOLD -G3 10U" GOLD -G4 15U" GOLD -G5 30U" GOLD -S0 GOLD FLASH/TIN -SN TIN
PACKAGING: (PE BAG - NO SUFFIX)	-TR TRAY -TU TUBE -TC TUBE+CAP -R REEL -RC REEL+CAP -RM REEL+MYLAR
PART NUMBER EXAMPLE: 101-0008-08-R = 08 WAY (8 x 1), HI-TEMP PA6T INSULATOR, GOLD FLASH PLATING, TAPE & REEL. PLEASE VERIFY AVAILABILITY ON OPTIONS PRIOR TO SELECTION / ORDERING	

## > PHYSICAL



Recommended P.C.B Layout (Top Side)  
 (PCB BOARD TOLERANCE  $\pm 0.05$ )





## > REVISION HISTORY

Revision	Description	Date
1.0	Initial Drawing Release	17.07.2019

Revision History provided is for informational purposes only and is believed to be accurate.