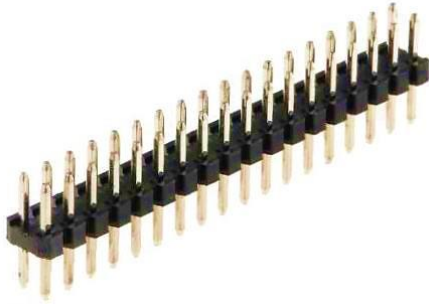


## MPSI CONNEX 100-1001-XX Series 2.00mm (0.079") Pitch 2-Row Vertical, TH, PCB Header: 2A, PA6T UL94V-0, 2 to 80 Contacts. *Order Code 100-1001-XX (See > Options)*

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



Images are for Illustrative Purposes Only

100-1001 Series Dual-Row 2.00mm Pitch Male Pin Headers.

Vertical PCB Mounting and Through-Hole Technology.

Rated at 2A, with Standard UL94V-0 (PA6T) Hi-Temp Insulator

Available Options (*See > Options*):

Number of Ways: 2 to 40 (*2 to 80 Contacts*)

Contact Plating  
Insulator Materials  
Insulator Height

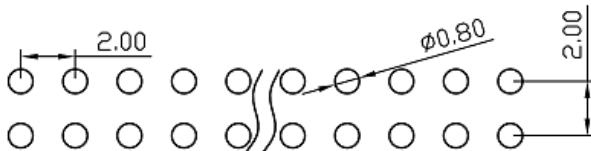
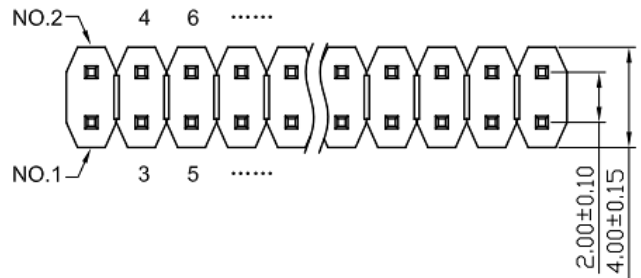
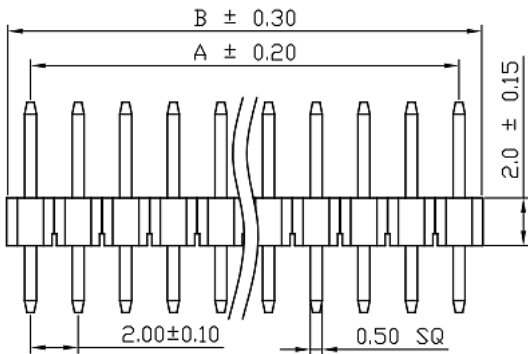
### > TECHNICAL SPECIFICATION

PITCH:	2.00MM	
NUMBER OF ROWS:	2	
NUMBER OF WAYS:	1 to 40	(SEE > OPTIONS)
MOUNTING TYPE:	PCB THROUGH-HOLE	
ORIENTATION:	VERTICAL	
INSULATOR COLOUR:	BLACK	
INSULATION (PLASTICS):	PA6T UL94V-0 STANDARD	(SEE > OPTIONS)
CONTACT MATERIAL:	BRASS/COPPER ALLOY	
CONTACT PLATING:	GOLD FLASH STANDARD	(SEE > OPTIONS)
RoHS COMPLIANT:	YES	
CURRENT RATING:	2A	
CONTACT RESISTANCE:	20 mΩ MAX	
DIELECTRIC WITHSTANDING VOLTAGE:	500V 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)	

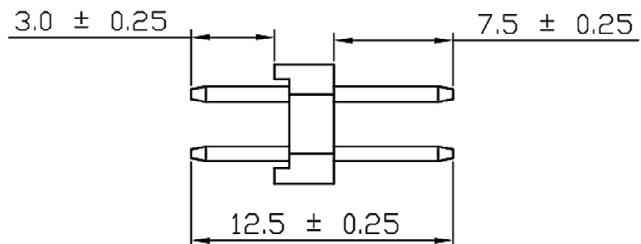
## > OPTIONS

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)
CONTACT PLATING: (GOLD FLASH AS STANDARD NO SUFFIX)	-G2 5U" GOLD
INSULATOR HEIGHT: (2.0MM AS STANDARD NO SUFFIX)	-H1 1MM -H15 1.5MM
PART NUMBER EXAMPLE: 100-1001-20-G2 = 20 WAY, 40 POS (20 x 2), HI-TEMP INSULATOR, 5U" PLATING PLEASE VERIFY AVAILABILITY ON OPTIONS PRIOR TO SELECTION / ORDERING	

## > PHYSICAL



PCB LAYOUT



Dimension antitheses list

Item	A	B	L	PA	PC	H
Standard			8.70	3.90	2.80	2.00

No. of Ways	DIM A	DIM B
1	----	2.0
2	2.0	4.00
3	4.00	6.00
4	6.00	8.00
5	8.00	10.0
6	10.0	12.0
7	12.0	14.0
8	14.0	16.0
9	16.0	18.0
10	18.0	20.0
11	20.0	22.0
12	22.0	24.0
13	24.0	26.0
14	26.0	28.0
15	28.0	30.0
16	30.0	32.0
17	32.0	34.0
18	34.0	36.0
19	36.0	38.0
20	38.0	40.0
21	40.0	42.0
22	42.0	44.0
23	44.0	46.0
24	46.0	48.0
25	48.0	50.0
26	50.0	52.0
27	52.0	54.0
28	54.0	56.0
29	56.0	58.0
30	58.0	60.0
31	60.0	62.0
32	62.0	64.0
33	64.0	66.0
34	66.0	68.0
35	68.0	70.0
36	70.0	72.0
37	72.0	74.0
38	74.0	76.0
39	76.0	78.0
40	78.0	80.0