

MPSI CONNEX 100-0005-XX Series 2.54mm (0.100") Pitch 1-Row Vertical, TH, PCB Header: 3A, PBT UL94V-0, 1 to 40 Positions. Order Code 100-0005-XX (See > Options)

| T +44 (0) 1256 817933 | F +44 (0) 8707 625402 | www.mpsiconnex.com | sales@mpsiconnex.com |



Images are for Illustrative Purposes Only

100-0005 Series Single-Row 2.54mm Pitch Pin Headers.

Vertical PCB Mounting and Through-Hole Technology.

Rated at 3A, with Standard UL94V-0 (PBT) Insulator

Available Options (See > Options):

Number of Ways: 1 to 40

Contact Plating

Insulator Materials (Including Hi-Temp Insulator PA66)

Insulator Height

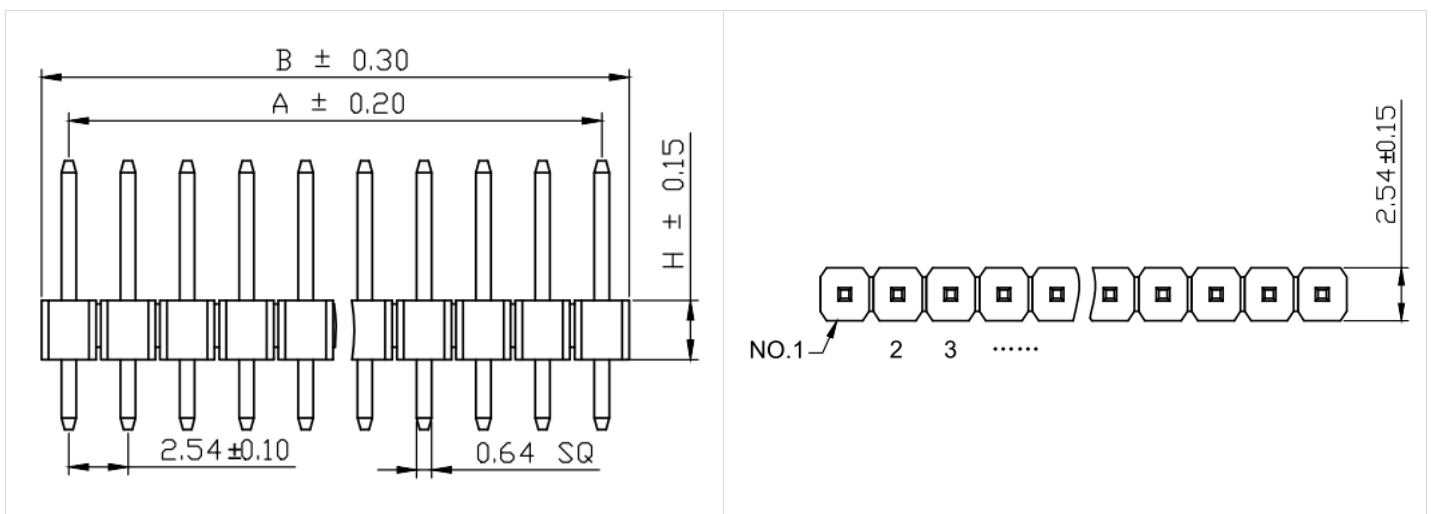
> TECHNICAL SPECIFICATION

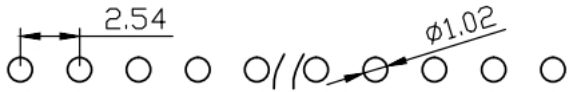
PITCH:	2.54MM	
NUMBER OF ROWS:	1	
NUMBER OF WAYS:	1 TO 40	(SEE > OPTIONS)
MOUNTING TYPE:	PCB THROUGH-HOLE	
ORIENTATION:	VERTICAL	
INSULATOR COLOUR:	BLACK	
INSULATION (PLASTICS):	PBT UL94V-0 STANDARD	(SEE > OPTIONS)
CONTACT MATERIAL:	BRASS/COPPER ALLOY	
CONTACT PLATING:	GOLD FLASH STANDARD	(SEE > OPTIONS)
RoHS COMPLIANT:	YES	
CURRENT RATING:	3A	
CONTACT RESISTANCE:	20 mΩ MAX	
DIELECTRIC WITHSTANDING VOLTAGE:	600V AC	
INSULATION RESISTANCE:	100MΩ	
OPERATING TEMPERATURE:	-40°C to +105°C	

> OPTIONS

NUMBER OF WAYS:	-XX SUFFIX DESIGNATES NUMBER OF WAYS
INSULATOR MATLS, INCL HI-TEMP INSULATOR: (PBT AS STANDARD NO SUFFIX)	-HT PA6T BLACK (UL94V-0) POLYAMIDE NYLON HI-TEMP INSULATOR SUITABLE FOR MAX 250°C SOLDERING TEMPERATURE FOR 60 SECONDS. -A PA66 BLACK POLYAMIDE NYLON (UL94V-0) -B PA46 BLACK POLYAMIDE NYLON (UL94V-0) -C LCP BLACK (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
INSULATOR HEIGHT: (2.5MM AS STANDARD NO SUFFIX)	-H1 1MM -H15 1.5MM -H2 2MM
PART NUMBER EXAMPLE: 100-0005-25-HT-G2 = 1x25 WAYS, HI-TEMP INSULATOR, 5U" PLATING PLEASE VERIFY AVAILABILITY ON OPTIONS PRIOR TO SELECTION / ORDERING	

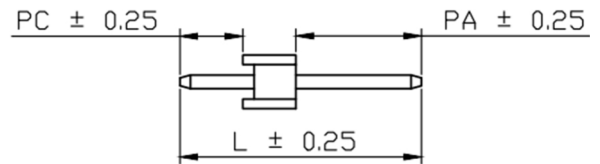
> PHYSICAL





PCB LAYOUT

Dimension antitheses list						
Item	A	B	L	PA	PC	H
Standard			11.50	6.00	3.00	2.50





No. of Contacts	DIM A	DIM B
1	----	2.54
2	2.54	5.08
3	5.08	7.62
4	7.62	10.16
5	10.16	12.70
6	12.70	15.24
7	15.24	17.78
8	17.78	20.32
9	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80
21	50.80	53.34
22	53.34	55.88
23	55.88	58.42
24	58.42	60.96
25	60.96	63.50
26	63.50	66.04
27	66.04	68.58
28	68.58	71.12
29	71.12	73.66
30	73.66	76.20
31	76.20	78.74
32	78.74	81.28
33	81.28	83.82
34	83.82	86.36
35	86.36	88.90
36	88.90	91.44
37	91.44	93.98
38	93.98	96.52
39	96.52	99.06
40	99.06	101.6