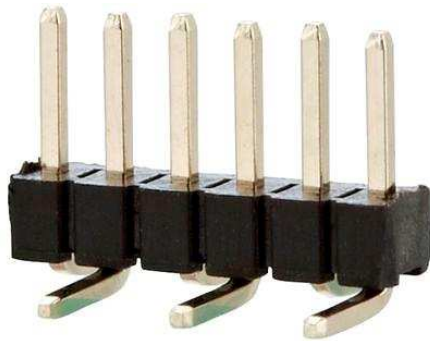


MPSI CONNEX 100-0007 Series 2.54mm (0.100") Pitch SIL Vert, SMT, PCB Header:
3A, PA6T UL94V-0, 1 to 40 Contacts. Order Code 100-0007-XX (See > Options)

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Images are for Illustrative Purposes Only

100-0007 Series SIL 2.54mm Pitch SMT Vertical Pin Header.

3A Rated. Hi-Temp PA6T Plastic Insulator as Standard.

6mm Standard Pin Height but also available in Custom Heights (example range: 2mm to 30mm).

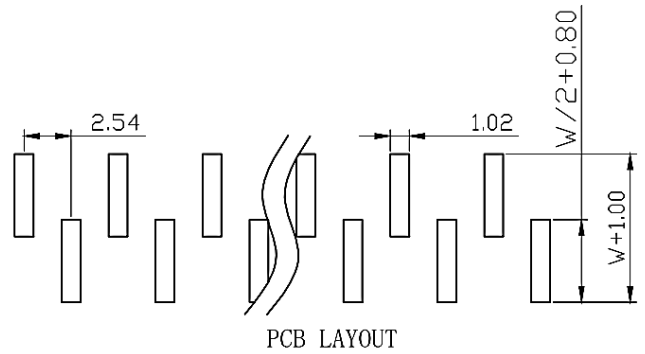
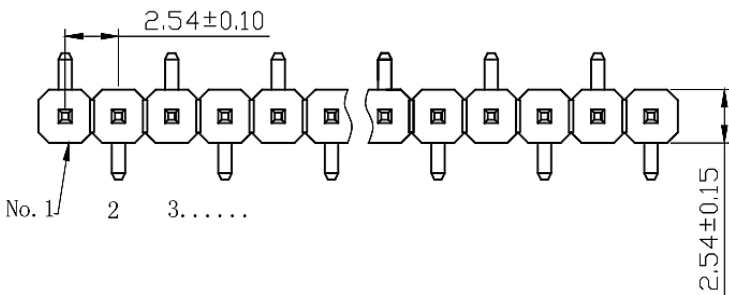
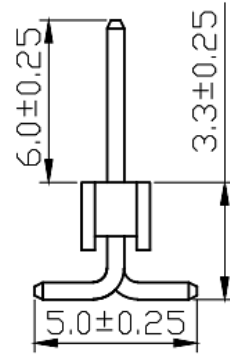
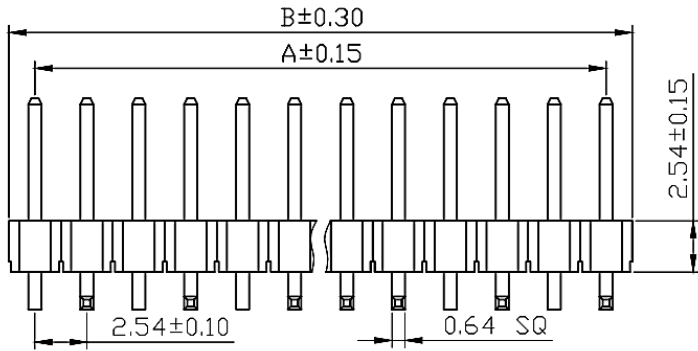
Available Options (*See > Options*):

Number of Contacts: 1 to 40
 Contact Plating
 Insulator Materials
 Insulator Height
 Pin Length
 Packaging

> TECHNICAL SPECIFICATION

PITCH:	2.54MM	
NUMBER OF ROWS:	1	
NUMBER OF CONTACTS	1 TO 40	(SEE > OPTIONS)
MOUNTING TYPE:	PCB SMT	
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:	3A	
CONTACT RESISTANCE:	20 mΩ MAX	
DIELECTRIC WITHSTANDING VOLTAGE:	500V AC	
INSULATION RESISTANCE:	1000MΩ	
OPERATING TEMPERATURE:	-40°C to +105°C	
MAX PROCESSING TEMP:	230°C for 30-60 SECONDS (260°C 10 SECONDS)	

> PHYSICAL



Dimension antitheses list							
Item	A	B	L	PA	D	W	H
Standard	/	/	/	/	/	5.00	/

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



> OPTIONS

NUMBER OF CONTACTS:	-XX SUFFIX DESIGNATES NUMBER OF CONTACTS
INSULATOR MATLS, INCL HI-TEMP INSULATOR: (PA6T HI-TEMP INSULATOR AS STD NO SUFFIX)	-A PA66 BLACK POLYAMIDE NYLON (UL94V-0) -B PA46 BLACK POLYAMIDE NYLON (UL94V-0) -C LCP BLACK (UL94V-0) -D PBT 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: (2.54MM AS STANDARD NO SUFFIX)	-H1 1MM -H15 1.5MM -H2 2MM
PIN LENGTH: (STANDARD 6MM LENGTH NO SUFFIX)	-PA&VALUE(MM) FOR CUSTOM HEIGHT
PACKAGING: (TUBE AS STANDARD NO SUFFIX)	-1 TUBE + CAP -2 REEL + CAP -3 REEL + MYLAR
PART NUMBER EXAMPLE: 100-0007-04-H15 = 1x4 CONTACT, HI-TEMP PA6T INSULATOR, GOLD FLASH PLATING, INSULATOR HEIGHT 1.5MM. PLEASE VERIFY AVAILABILITY ON OPTIONS PRIOR TO SELECTION	

> REVISION HISTORY

Revision	Description	Date
1.0	Initial Drawing Release	05.11.2015
2.0	Change Std Insulator Material to PA6T & Addition of Pin Height Options	28.05.2020

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