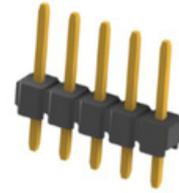




DESCRIPTION : PIN HEADER, 2.54mm PITCH, SINGLE ROW
STRAIGHT

PART NO: P9101-XX-XX-XX

RoHS



PHYSICAL DATA

INSULATION

MATERIAL : REFER TABLE
FLAMMABILITY : UL94V-0
COLOR : BLACK

CONTACT

MATERIAL : COPPER ALLOY, GOLD PLATED
FINISH : REFER TABLE
PACKAGING TYPE : STANDARD

ELECTRICAL DATA

CURRENT RATING : 5A
INSULATION RESISTANCE : 1000M OHMS MIN
CONTACT RESISTANCE : 20mΩ MAX
DIELECTRIC WITHSTANDING : 1000V AC for 1minute

MECHANICAL DATA

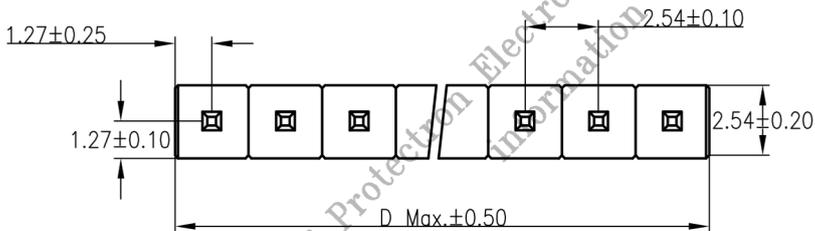
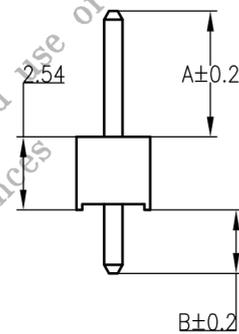
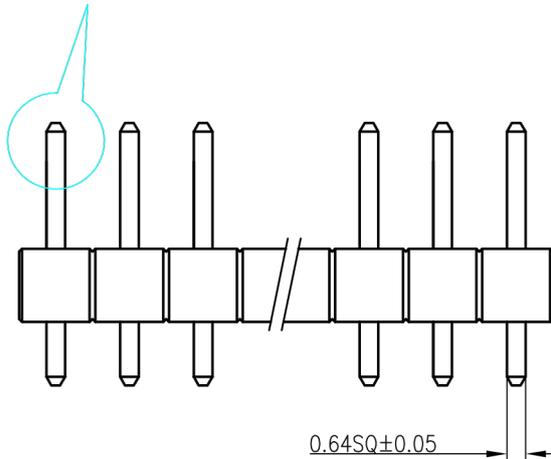
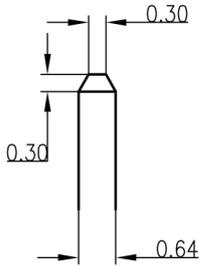
PIN RETENTION FORCE : 0.8kg. MIN

ENVIRONMENTAL DATA

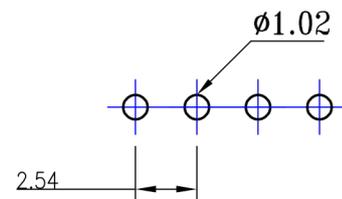
TEMPERATURE RANGE : -40°C TO +105°C
SOLDERING TEMPERATURE : PBT(230°C FOR 3 TO 5SEC)
NYLON(260°C FOR 5SEC)

DESCRIPTION : PIN HEADER, 2.54mm PITCH, SINGLE ROW
 STRAIGHT

PART NO: P9101-XX-XX-XX

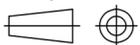


$D \text{ Max.} = \text{NO. OF POSITIONS} \times 2.54$



RECOMMENDED P.C.B. LAYOUT

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.35mm

ALL DIMENSIONS ARE IN MM.
 IF UNLESS OTHERWISE SPECIFIED.



DESCRIPTION : PIN HEADER, 2.54mm PITCH, SINGLE ROW
STRAIGHT

PART NO: P9101-XX-XX-XX

A		B	
ABOVE LENGTH		BELOW LENGTH	
1	5.84	1	2.80
2	6.06	2	3.00
3	6.80	3	3.60
4	7.06	4	4.90
5	10.50	5	3.20
6	15.90	6	3.80
7	7.50	7	2.60
8	15.50	8	5.20
9	3.30	9	6.20/6.0
A	2.80	A	2.20
B	23.90	B	7.50
C	9.00	C	10.00
D	4.90	D	4.50
E	2.60/2.50	E	6.80
F	8.80	F	15.00
G	16.20	G	9.40
H	6.60	H	2.54
I	8.07	I	21.60
J	3.80	J	5.00
K	17.50	K	17.00
L	13.20	L	7.00
M	19.10	M	4.30
N	9.40	N	12.50
P	14.10	O	2.40
Q	5.60	P	1.20
R	12.50	Q	5.84
S	12.16	R	3.46
T	19.80	S	2.30
U	8.50	T	4.70
V	4.70	U	7.13
W	6.20	V	8.00
X	7.20	W	8.50
Y	12.80	X	5.50
Z	6.45	Y	12.70
A0	3.00	Z	1.80
A1	4.00	A0	6.50
A2	7.70	A1	3.90
A3	3.6/3.7	A2	10.9/11.0

A		B	
ABOVE LENGTH		BELOW LENGTH	
A4	5.20	A3	16.50
A5	19.60	A4	10.41
A6	4.40	A5	10.16
A7	9.93	A6	5.72
A8	15.00	A7	0
A9	18.10	A8	11.74
B1	12.00	A9	7.73
B2	13.80	B0	4.00
B3	5.08	B1	19.50
B4	11.60	B2	8.86
B5	29.60	B3	12.00
B6	24.60	B4	0.80
B7	11.40	B5	2.00
B8	10.16	B6	13.70
B9	3.46	B7	14.00
C1	11.80	B8	2.90
C2	1.50	B9	14.70
C3	25.90	C0	7.30
C4	14.50	C1	2.75
C5	29.30	C2	16.30
C6	19.26	C3	1.5
C7	12.92	C4	14.27
C8	8.2 ^{+0.3} _{-0.1}	C5	8.6
C9	9.65	C6	14.9
D1	4.8	C7	18.0
D2	0.8	C8	4.34
D3	13.00	D1	8.7 & 6.5
D4	11.00	D2	15.30
D5	17.36	D3	21.90
D6	27.46	D4	13.36
D7	13.46	D5	9.0
D8	0.00	D6	5.35
D9	15.74	D7	7.0
E0	2.00	D8	0.76
E1	10.3	D9	15.50
E2	4.20	E0	30
E5	0.50	E1	11.4
E6	18.60	E2	13.1,13.2



DESCRIPTION : PIN HEADER, 2.54mm PITCH, SINGLE ROW
STRAIGHT

PART NO: P9101-XX-XX-XX

A		B	
ABOVE LENGTH		BELOW LENGTH	
E7	3.40	E3	16.0
E8	28.45	E4	9.6
E9	14.70	E5	32.5
F0	4.62	E6	8.1
F1	17.85	E7	19.80
F2	10.80	E8	14.5
F3	12.30	E9	20
F4	20.41		
F5	2.45/2.35		
F6	4.54		
F8	5.96		
F9	12.5&10.50		
G0	6.75		
G1	8.65/8.6		
G2	1.24		
G3	22.86		
G4	6.80&7.40		
G5	8.40		

TYPE OF PLATING (X)	
GOLD FLASH	1
0.75μ Au	2
1.27μ Au	3
5μ Sn	4
0.75μ SELECTIVE GOLD	5
SELECTIVE GOLD FLASH	6
0.25μ GOLD	8
0.381μ GOLD	9

ORDERING INFORMATION

P9101-XX-XX-XX

NO OF CONTACTS
(1-40)

ABOVE/BELOW LENGTH

PLATING

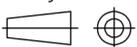
MATERIAL

BLANK	PBT
N	NYLON

MATES WITH

P9401,P9402,P9401A
P9402A,P9401I,P9409
P9406,P9501,P9502
P9301,P9305

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.35mm

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.