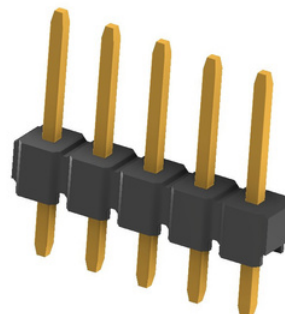




DESCRIPTION : PIN HEADER, 2.54mm PITCH, SINGLE ROW
STRAIGHT

PART NO: P9101-XX-XX-X
1st XX=NO OF CONTACTS(1-40)
2nd XX=ABOVE/BELOW LENGTH
3rd X=PLATING

RoHS



PHYSICAL DATA

INSULATION	:	
MATERIAL	:	GLASS FILLED POLYESTER
FLAMMABILITY	:	UL94V-0
COLOR	:	BLACK
CONTACT	:	
MATERIAL	:	COPPER ALLOY
SOLDER TAILS	:	REFER TABLE
PACKAGING TYPE	:	STANDARD

ELECTRICAL DATA

CURRENT RATING	:	5A
INSULATION RESISTANCE	:	1000M OHMS MIN
CONTACT RESISTANCE	:	30mΩ MAX
DIELECTRIC WITHSTANDING	:	200V AC for 1minute

MECHANICAL DATA

PIN RETENTION FORCE	:	1kg. MIN
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ENVIRONMENTAL DATA

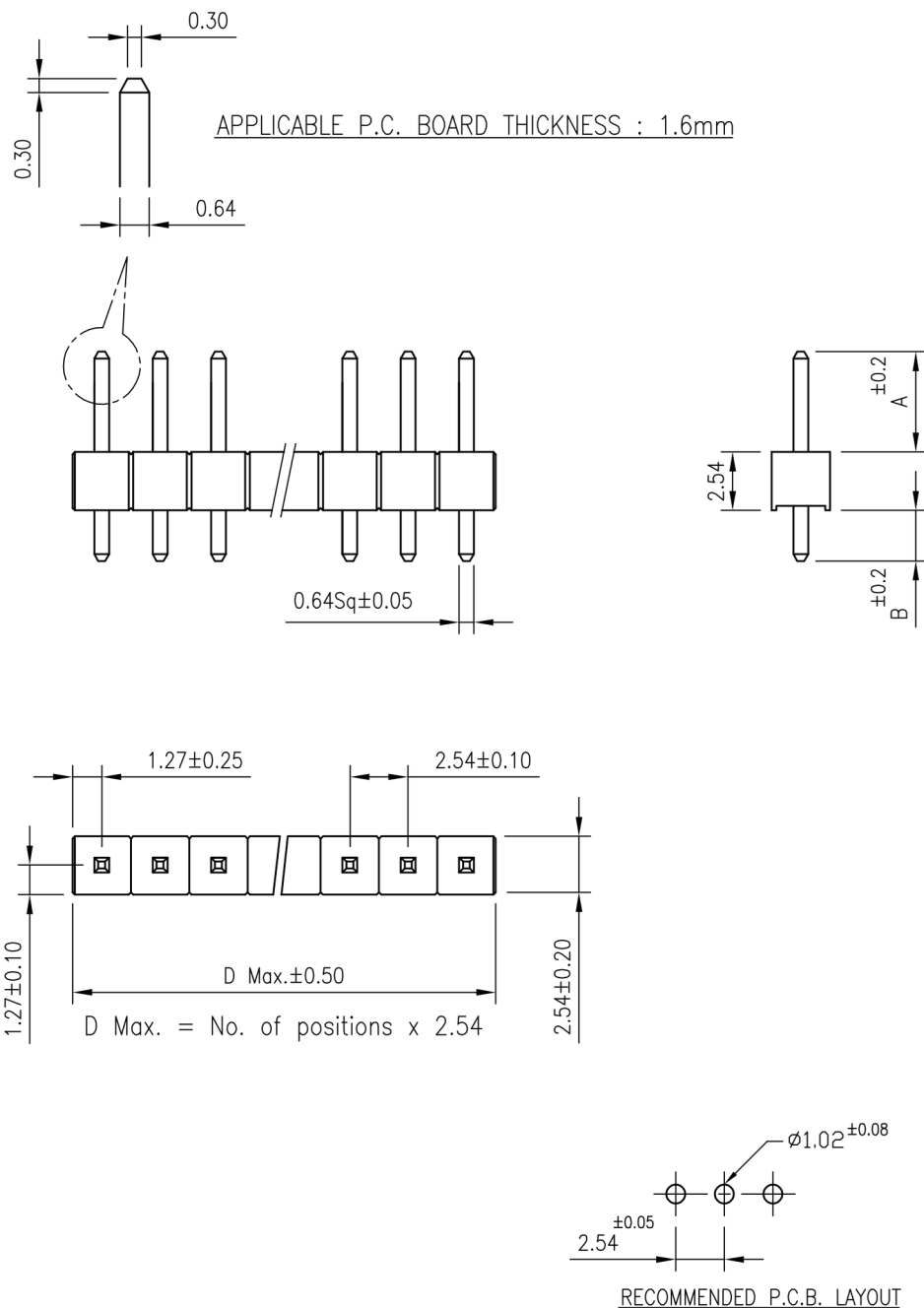
TEMPERATURE RANGE	:	-40°C TO +105°C
PROCESS RATING	:	180°C FOR 5SEC



PROTECTRON[®]
ELECTROMECH (P) LTD

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ALL DIMENSIONS ARE IN MM.

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.:±0.35mm

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.



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STRAIGHT**

PART NO: P9101-XX-XX-X
1st XX=NO OF CONTACTS(1-40)
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A ± 0.2		B ± 0.2	
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 ± 0.2		B ± 0.2	
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		
D9	15.74		
E0	2.00		
E1	10.3		
E2	4.20		
E5	0.50		
E6	18.60		



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A ± 0.2		B ± 0.2	
ABOVE LENGTH		BELOW LENGTH	
E7	3.40		
E8	28.45		
E9	14.70		
F0	4.62		
F1	17.85		
F2	10.80		
F3	12.30		
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
0.75 μ Au	2
1.27 μ Au	3
5 μ Sn	4
0.75 μ SELECTIVE GOLD	5
SELECTIVE GOLD FLASH	6
0.25 μ GOLD	8
0.381 μ GOLD	9

MATES WITH

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

ORDERING INFORMATION

P9101-XX-XX-X

NO OF CONTACTS
(1-40)

PLATING

ABOVE/BELOW LENGTH

Projection:



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Sht. Size: A4

Gen. Tol.: ± 0.35 mm

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