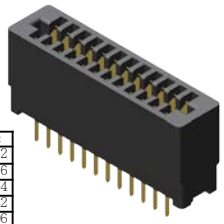
TOPTEK
HARDWARE ELECTRONIC MANUFACTURER

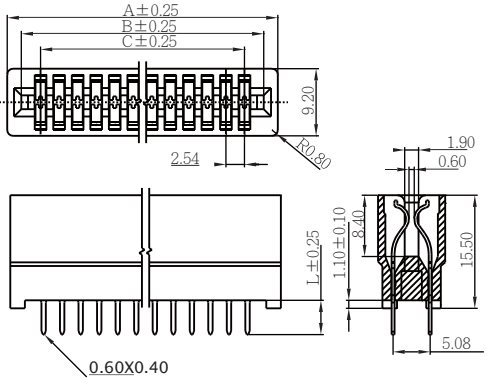
RoHS 2002/95/EC

Cardedge 2.54mm Straight / Right Angle Type

Specifications
Current Rate:1 AMP
Insulation Resistance:1000MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-55°C to +85°C

Material
Insulator:Polyester,UL94V-0
◎Standard:P.B.T or Nylon 66
Terminal:Copper Alloy
Plated:Selective Plated





CONTACTS NO	DIM A	DIM B	DIM C	CONTACTS NO	DIM A	DIM B	DIM C
2/4	11.68	7.82	2.54	19/38	54.86	51.00	45.72
3/6	14.22	10.36	5.08	20/40	57.40	53.54	48.26
4/8	16.76	12.90	7.62	22/44	62.48	58.62	53.34
5/10	19.30	15.44	10.16	24/48	67.56	63.70	58.42
6/12	21.84	17.98	12.70	25/50	70.10	66.24	60.96
7/14	24.38	20.52	15.24	30/60	82.80	78.94	73.66
8/16	26.92	23.06	17.78	31/62	85.34	81.48	76.20
9/18	29.46	25.60	20.32	32/64	87.88	84.02	78.74
10/20	32.00	28.14	22.86	35/70	95.50	91.64	86.36
11/22	34.54	30.68	25.40	36/72	98.04	94.18	88.90
12/24	37.08	33.22	27.94	40/80	108.20	104.34	99.06
13/26	39.62	35.76	30.48	43/86	115.82	111.96	106.68
14/28	42.16	38.30	33.02	49/98	138.68	134.82	129.54
15/30	44.70	40.84	35.56	50/100	133.60	129.74	124.46
16/32	47.24	43.38	38.10	54/108	143.76	139.90	134.62
17/34	49.78	45.92	40.64	60/120	159.00	155.14	149.86
18/36	52.32	48.46	43.18				

TAIL LENGTH	L
A	4.70mm
B	6.10mm
C	14.10mm
D	21.80mm

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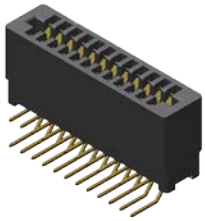

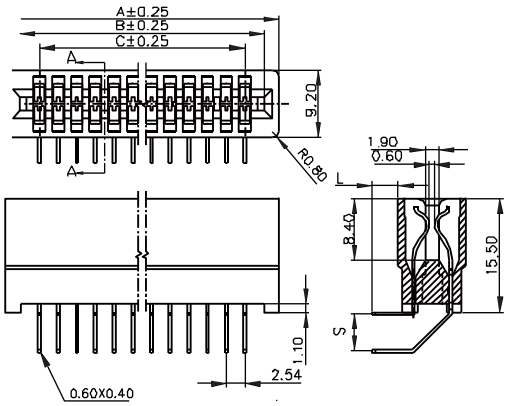

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CONTACTS NO.	DIM A	DIM B	DIM C
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19/38	54.86	51.00	45.72
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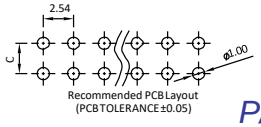
25/50	70.10	66.24	60.96
30/60	82.80	78.94	73.66
31/62	85.34	81.48	76.20
32/64	87.88	84.02	78.74
35/70	95.51	91.64	86.36
36/72	98.14	94.18	88.90
40/80	108.20	104.34	99.16
43/86	115.82	111.96	116.68
49/98	138.68	134.82	129.54
50/100	133.60	129.74	124.46
54/108	143.76	139.90	134.62

TAIL LENGTH	L
A	3.50mm
B	6.00mm
C	10.80mm

Row To Row	S
E	5.08mm
D	3.81mm
B	3.00mm
A	2.54mm



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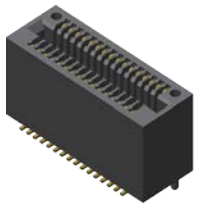
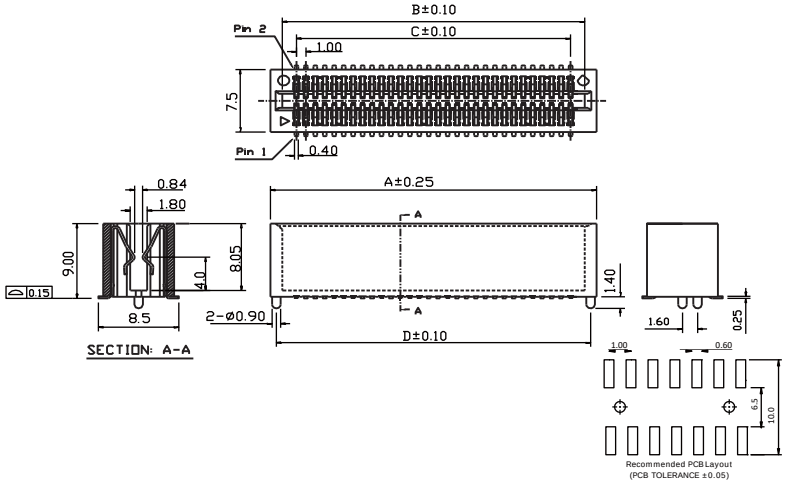
Cardedge 1.0mm SMT Type





ONTACTS NO.	DIM A	DIM B	DIM C	DIM D
20	14.5	12.00	9.00	13.24
32	20.5	18.00	15.00	19.24
40	24.5	22.00	19.00	23.24
60	34.5	32.00	29.00	33.24
64	36.5	34.00	31.00	35.24
80	44.5	42.00	39.00	43.24
100	54.5	52.00	49.00	53.24
120	64.5	62.00	59.00	63.24
140	74.5	72.00	69.00	73.24

P/N.:5ECN5M1BN-XXXXXTU-B1

ORDER INFORMATION

5	E	C	N	X	X	X	B	X	-	X	X	X	X	X	X	X	-	B	1

- X (1): 1:Pitch 2.54; 5:Pitch 1.0
- X (2): S:Straight; R:R/A; M:SMT
- X (3): 0:W/O Ear,W/O Peg; 1:W/O Ear,With Peg
- B: (For R/A) Row To Row A:2.54 B:3.00 D:3.81 E:5.08; (For Straight/SMT) N:Non Type
- X (4): No.of Contact A1:100,A2:120,A3:108, A4:124,A5:128,A7:160, A6:140; For 5ECN1S0BN 04~120; For 5ECN1R0BX 04~108; For 5ECN5M1BN 20,32,40,60,64,80, 100,120,140,160
- X (5): ◎G0:Gold Flash; GA:Gold 5u"; GB:Gold 10u"; GC:Gold 20u"; GD:Gold 30u"
- X (6): ◎S0:Selective; SA:Selective 5u"; SB:Selective 10u"; SC:Selective 20u"; SD:Selective 30u"
- X (7): Tail Lenght A:3.5 B:6.0 C:10.8
- X (8): X:Box; T:Tube
- X (9): L:RoHS + PBT; U:RoHS + PPS

◎:Standard Recommend

Old P/N:EC1S-XX-L
EC1R-XX-L
EC5M-XX-U