

# PCB STRAIGHT EDGE CARD CONNECTOR



## 5470 SERIES. 2.54 mm. (0.100") Pitch.

### General Features

- Available in 4 thru 120 circuits
- Accept card 1.40 to 1.60 mm. thickness
- Bifurcated contact
- Standoff to prevent flux wicking
- Kinked tails to secure connector while soldering

### Materials

- Insulator: PBT, glass reinforced, rated UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature. -40°C to +105°C
- RoHS compliant

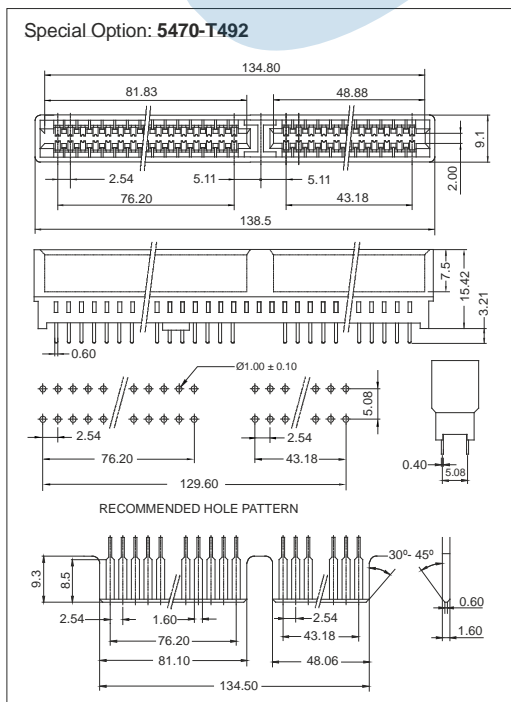
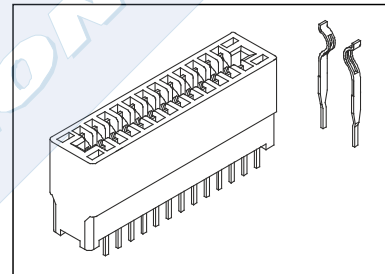
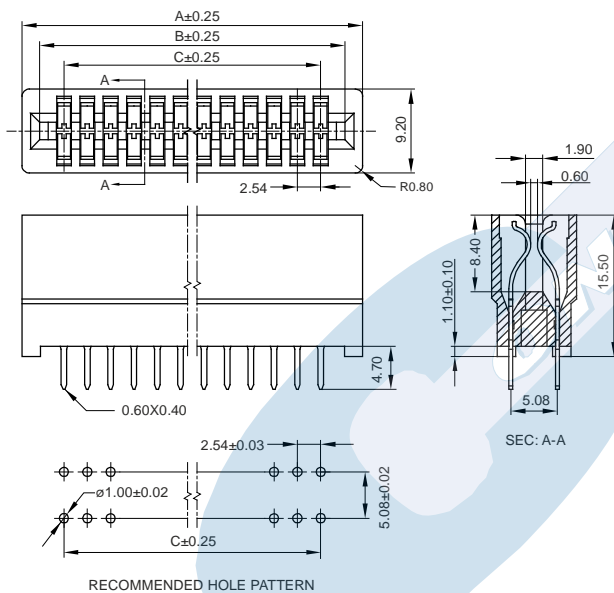
### Materials

### Electrical Features

- Voltage rating: < 250 V
- Current rating: < 3 A
- Contact resistance: < 20 mΩ
- Dielectric Withstanding Voltage: 500 V AC/minute
- Insulation Resistance: >5000 MΩ

### Mechanical Features

- Insertion force: 0.40 Kgf per contact's pair
- Withdrawal force: 0.030 Kgf per contact's pair
- Durability: 20 cycles



Circuit Size	Part Number	Dimensions		
		A	B	C
2/4	5470 - T021	11.68	7.82	2.54
3/6	5470 - T031	14.22	10.36	5.18
4/8	5470 - T041	16.76	12.90	7.62
5/10	5470 - T051	19.31	15.44	11.16
6/12	5470 - T061	21.84	17.98	12.71
7/14	5470 - T071	24.38	20.52	15.24
8/16	5470 - T081	26.92	23.06	17.78
9/18	5470 - T091	29.46	25.61	20.32
10/20	5470 - T101	32.00	28.14	22.86
11/22	5470 - T111	34.54	31.68	25.40
12/24	5470 - T121	37.18	33.22	27.94
13/26	5470 - T131	39.62	35.76	31.48
14/28	5470 - T141	42.16	38.30	33.02
15/30	5470 - T151	44.70	40.84	35.56
16/32	5470 - T161	47.24	43.38	38.10
17/34	5470 - T171	49.78	45.92	40.64
18/36	5470 - T181	52.32	48.46	43.18
19/38	5470 - T191	54.86	51.11	45.72
20/40	5470 - T201	57.41	53.54	48.26
22/44	5470 - T221	62.48	58.62	53.34
24/48	5470 - T241	67.56	63.70	58.42
25/50	5470 - T251	70.10	66.24	60.96
30/60	5470 - T301	82.80	78.94	73.66
31/62	5470 - T311	85.34	81.48	76.20
32/64	5470 - T321	87.88	84.12	78.74
35/70	5470 - T351	95.50	91.64	86.36
36/72	5470 - T361	98.04	94.18	88.90
40/80	5470 - T401	108.20	104.34	99.06
43/86	5470 - T431	115.82	111.96	106.68
49/98	5470 - T491	138.68	134.82	129.54
50/100	5470 - T501	133.60	129.74	124.46
54/108	5470 - T541	143.76	139.90	134.62
60/120	5470 - T601	159.00	155.14	149.86

### (T) Contact Plating

- T = 3. Gold flash over 50μ" nickel.
- T = 5. 15μ" gold over 50μ" nickel