

# C90 SINGLE ROW HALF PITCH BOX HEADER SMT STR

**PITCH: 1.27mm**

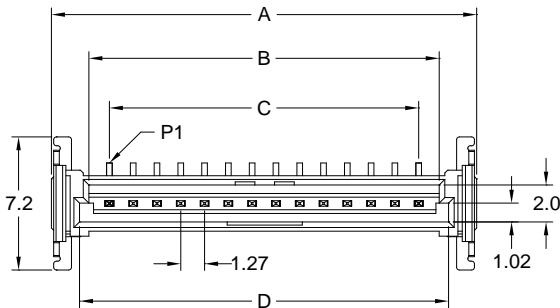
## SPECIFICATIONS

### Material

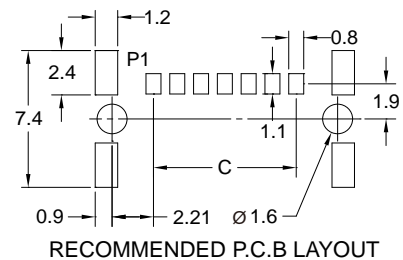
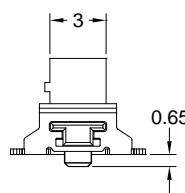
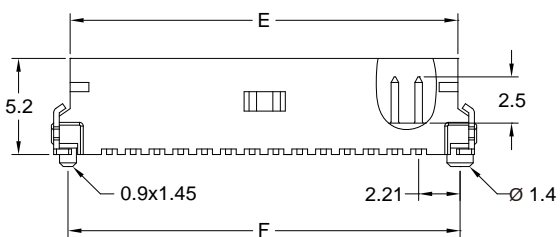
Insulator : LCP, glass reinforced, rated UL 94V-0  
 Contact : Phosphor Bronze

### Electrical

Current Rating : 1 Amp  
 Contact Resistance : 30 mΩ max.  
 Insulation Resistance : 1000 MΩ min.  
 Dielectric Withstanding Voltage : 250V AC for 1minute  
 Operating Temperature : -40°C to +105°C  
 ► Mating Suggestion : A54, A55 & B62 series.



POSITION	A	B	C	D	E	F
2	7.46	3.46	1.27	4.46	5.46	5.69
3	8.73	4.73	2.54	5.73	6.73	6.96
4	10.00	6.00	3.81	7.00	8.00	8.23
5	11.27	7.27	5.08	8.27	9.27	9.50
6	12.54	8.54	6.35	9.54	10.54	10.77
7	13.81	9.81	7.62	10.81	11.81	12.04
8	15.08	11.08	8.89	12.08	13.08	13.31
9	16.35	12.35	10.16	13.35	14.35	14.58
10	17.62	13.62	11.43	14.62	15.62	15.85
11	18.89	14.89	12.70	15.89	16.89	17.12
12	20.16	16.16	13.97	17.16	18.16	18.39
13	21.43	17.43	15.24	18.43	19.43	19.66
14	22.70	18.70	16.51	19.70	20.70	20.93
15	23.97	19.97	17.78	20.97	21.97	22.20
16	25.24	21.24	19.05	22.24	23.24	23.47
17	26.51	22.51	20.32	23.51	24.51	24.74
18	27.78	23.78	21.59	24.78	25.78	26.01
19	29.05	25.05	22.86	26.05	27.05	27.28
20	30.32	26.32	24.13	27.32	28.32	28.55



**How to order:** C90 - 1 - 2 - 3 - 4 - 5 - G(RoHS)

1.NO. OF CONTACT	2.CONTACT MATERIAL	3.CONTACT PLATING	4.PACKAGING	5.INSULATOR COLOR
02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20	B: PHOSPHOR BRONZE	T: TIN PLATED S: <b>SELECTIVE</b> G: GOLD FLASH A: 5u" INCH GOLD B: 10u" INCH GOLD C: 15u" INCH GOLD D: 30u" INCH GOLD	A: TUBE WITH PAD B: TUBE W/O PAD C: TAPE & REEL WITH PAD	1. BLACK



**DON CONNEX**  
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Connector:E163339 | Flat cable:E162690  
Wiring Harnesses:E312257