



# FFC/FPC CONNECTORS, THROUGH BOARD

1.25 mm SPACING

CENTURY INTERCONNECT PRODUCTS

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## ORDERING INFORMATION

**CFC4 - XX - X - T**

1 2 3 4

1...Series CFC4 FFC/FPC connector, through board, side or top entry, 1.25mm spacing

2...Number of Contacts

4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40

3...Cable Entry Style

S...Side entry  
T...Top entry

4...Plating

T...Tin

## SPECIFICATIONS

### ELECTRICAL:

**Current Rating:** 1 amp

**Contact Resistance:** 30 milliohms max.

**Insulator Resistance:** 1000 megohms min.

**Dielectric Withstanding Voltage:** 500V AC for 1 minute

**Operating Temperature Range:** -40 degrees C  
to +105 degrees C

**Operating Voltage:** 200V AC

### MECHANICAL:

**Contact Material:** Phosphor bronze

**Contact Plating:** Tin over nickel

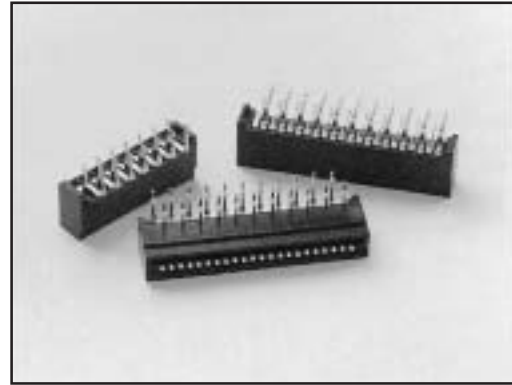
**Insulator Material:** Thermoplastic polyester, self-extinguishing

**Flammability Rating:** UL94V-0

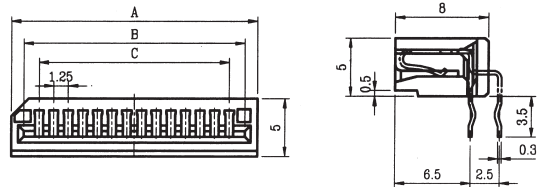
**Durability:** 30 cycles (no electrical degradation)

**Recommended PCB Thickness:** 0.9mm to 2.0mm

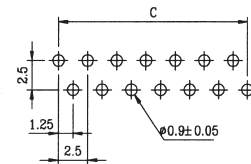
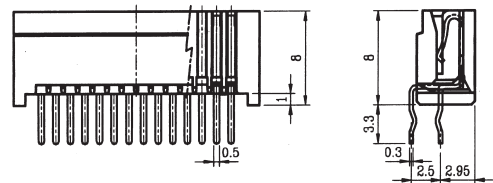
**Recommended FFC/FPC Thickness:** 0.3mm  $\pm$  0.05,  
with solder or tin plating 2 micrometers min.



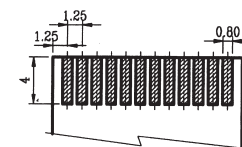
### SIDE ENTRY



### TOP ENTRY



### PCB LAYOUT



### FFC/FPC DIMENSIONS

NO. OF CONTACTS	A	B	C	NO. OF CONTACTS	A	B	C	NO. OF CONTACTS	A	B	C
4	8.55	6.41	3.75	17	24.80	22.66	20.00	30	41.05	38.91	36.25
5	9.80	7.66	5.00	18	26.05	23.91	21.25	31	42.30	40.16	37.50
6	11.05	8.91	6.25	19	27.30	25.16	22.50	32	43.55	41.41	38.75
7	12.30	10.16	7.50	20	28.55	26.41	23.75	33	44.80	42.66	40.00
8	13.55	11.41	8.75	21	29.80	27.66	25.00	34	46.05	43.91	41.25
9	14.80	12.66	10.00	22	31.05	28.91	26.25	35	57.30	45.16	42.50
10	16.05	13.91	11.25	23	32.30	30.16	27.50	36	48.55	46.41	43.75
11	17.30	15.16	12.50	24	33.55	31.41	28.75	37	49.80	47.66	45.00
12	18.55	16.41	13.75	25	34.80	32.66	30.00	38	51.05	48.91	46.25
13	19.80	17.66	15.00	26	36.05	33.91	31.25	39	52.30	50.16	47.50
14	21.05	18.91	16.25	27	37.30	35.16	32.50	40	53.55	51.41	48.75
15	22.30	20.16	17.50	28	38.55	36.41	33.75				
16	23.55	21.41	18.75	29	39.80	37.66	35.00				