

.100" (2.54mm) Flexible P.C.B. Connectors

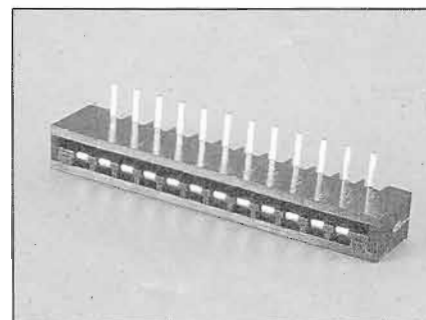
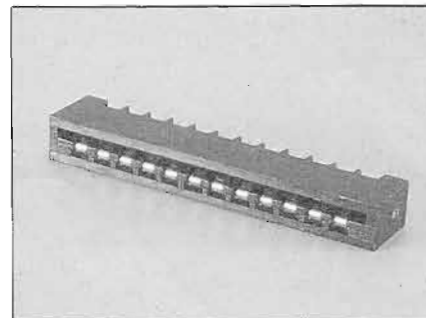
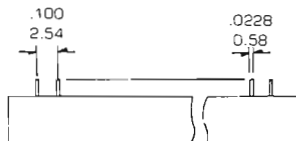
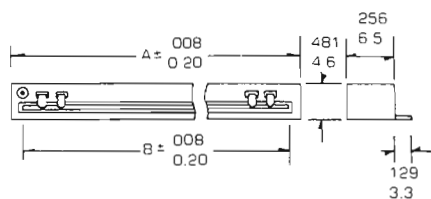
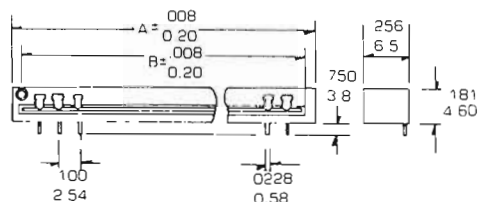
FB Series

Features:

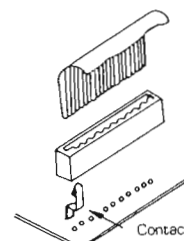
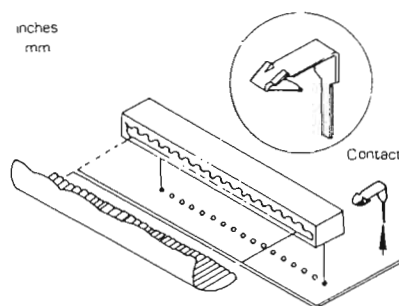
- 2-30 Circuits
- PBT + 30% Glass Fiber (UL 94V-0)
- Low Insertion force
- Flat flex cable connector for membrane switch application .100" (2.54mm)
- Accepts conductors on either side of flex tail
- Straight or right angle versions
- Single beam contact, copper alloy, tin plated

Specification:

- Current rating: 3A AC, DC
- Voltage rating: 250V AC, Maximum
- Temperature range: -40°C ~ + 105°C
- Contact resistance: Initial Value/10mΩ max.
After environmental testing/20mΩ max.
- Insulation resistance: 1,000 MΩ min
- Withstand Voltage: 1500V AC/minute
- Applicable FFCs and FPCs: Pitch: .100" (2.54mm)
; Thickness: .004" ~ .015" (0.10mm ~ 0.38mm)
- Applicable PC board thickness: .063" (1.6mm)



inches
mm



100 ± .002 Typ.
(2.54 ± 0.05)

.47 ± 0.02 Typ.
[1.10 ± 0.05] Dia. Holes

Recommended P.C. Board Hole
Layout for .100" (2.54mm)

Dimensional Information

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
FB-2	.423 10.74	.324 8.24	FB-8	1.023 25.98	.925 23.48	FB-14	1.623 41.22	1.525 38.72	FB-20	2.223 56.46	2.125 53.96	FB-26	2.823 71.70	2.725 69.20
FB-3	.523 13.28	.425 10.78	FB-9	1.125 28.52	1.027 26.02	FB-15	1.723 43.76	1.625 41.26	FB-21	2.323 59.00	2.225 56.50	FB-27	2.923 74.24	2.825 71.74
FB-4	.623 15.82	.525 13.32	FB-10	1.223 31.06	1.125 28.56	FB-16	1.823 46.30	1.725 43.80	FB-22	2.423 61.54	2.325 59.04	FB-28	3.023 76.78	2.925 74.28
FB-5	.723 18.36	.625 15.86	FB-11	1.323 33.60	1.225 31.10	FB-17	1.923 48.84	1.825 46.34	FB-23	2.523 64.08	2.425 61.58	FB-29	3.123 79.32	3.025 76.82
FB-6	.823 20.90	.725 18.40	FB-12	1.423 36.14	1.325 33.64	FB-18	2.023 51.38	1.925 48.88	FB-24	2.623 66.62	2.525 64.12	FB-30	3.223 81.86	3.125 79.36
FB-7	.923 23.44	.825 20.94	FB-13	1.523 38.68	1.425 36.18	FB-19	2.123 53.92	2.025 51.42	FB-25	2.723 69.16	2.625 66.66			

Contact Type

S: Straight

R: Right Angle