

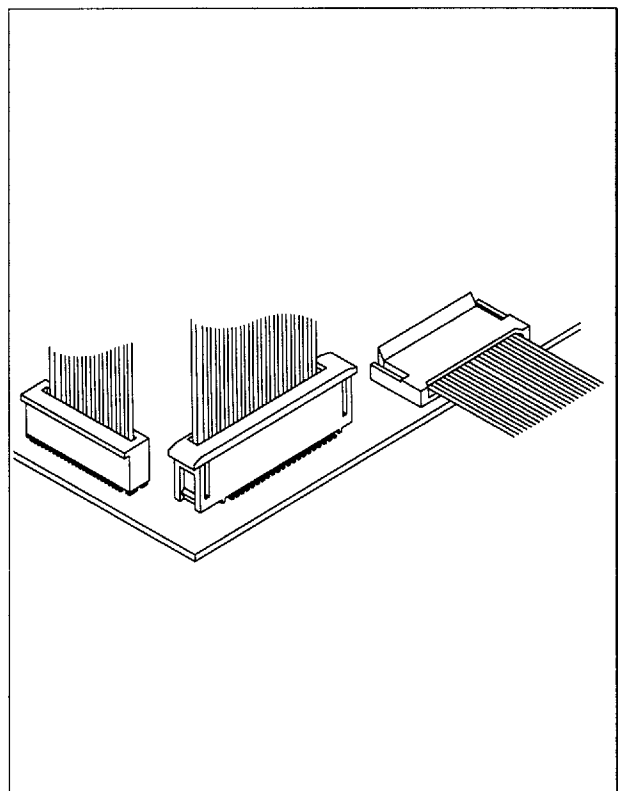
Features

- ◆ Zero insertion force 0.5mm(.020") pitch
- ◆ Single row, double point contacts
- ◆ SMT terminals
- ◆ Pro-hold feature helps guide FPC into place
- ◆ Actuator rotates to allow easy cable insertion from top or side
- ◆ Applicable FPC thickness $0.3 \pm 0.03\text{mm} (.012" \pm .001")$
- ◆ Metal solder tabs provide PCB hold-down and strain relief SMT tails
- ◆ Produced under a quality management system certified to ISO 9002

Ordering Information

0501	**	0	M	0	0
1	2	3	4	5	6

1. Series No.
2. Number of circuits: Available circuits please refer to the above list.
3. Contacts type
0=Single row, double point contacts
4. Solder tail type
M=SMT terminals
5. Applied FPC thickness
0:T= $0.3 \pm 0.03\text{mm} (.012" \pm .001")$
6. Options
0=Standard



Specifications

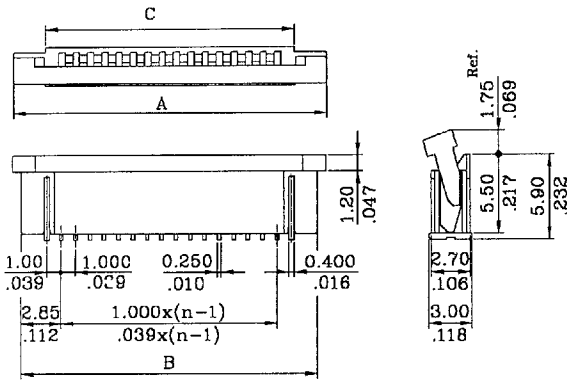
- ◆ **Material & Finish**
Housing Material: PA46 resin UL94V-0 / Natural
Slider: LCP resin UL94V-0 / Black
Plating:
Contacts: Copper alloy / Under plating : Nickel $2 \mu\text{m} (80 \mu")$
Over plating : Tin alloy $2 \mu\text{m} (80 \mu")$
Hold-down : Copper alloy / Under plating: Copper $2 \mu\text{m} (80 \mu")$
Over plating: Tin alloy $2 \mu\text{m} (80 \mu")$
- ◆ **Electrical Performance:**
Rated current: 0.5A
Rated voltage: 50 VDC
Contact Resistance: $30\text{m}\Omega$ max. (at 20mVDC, 100mA max.)
Insulation Resistance: $100\text{M}\Omega$ min. (at 500 VDC)
Dielectric Withstanding Voltage: AC 250V / 60 sec. (Leak current must be 1mA max.)
Operating Temperature: -30°C to $+85^\circ\text{C}$
- ◆ **Mechanical Performance:**
Tensile strength : Circuits x 0.49N (50gf) max.
Insertion / Withdrawal Durability: 10 Cycles

1056 Series 1.00mm(.395") Z.I.F. FPC/FFC Connector



1056S**V**1

Unit : $\frac{\text{mm}}{\text{inch}}$

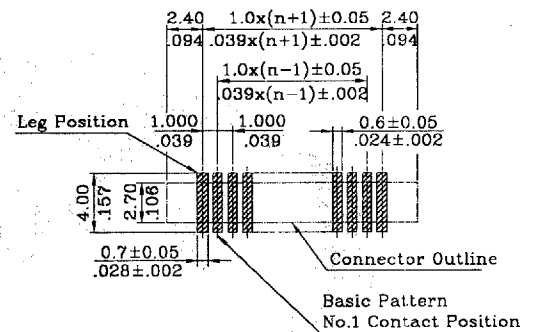
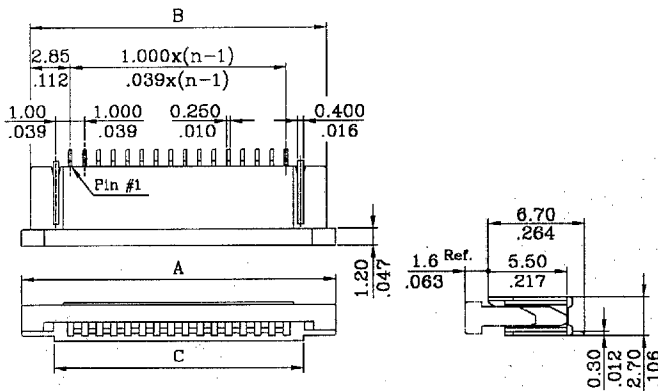


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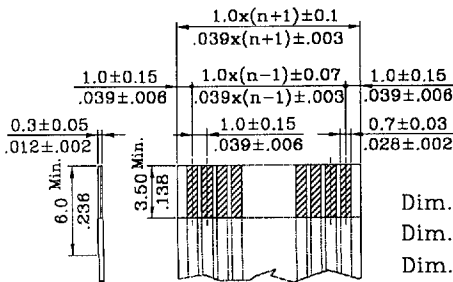
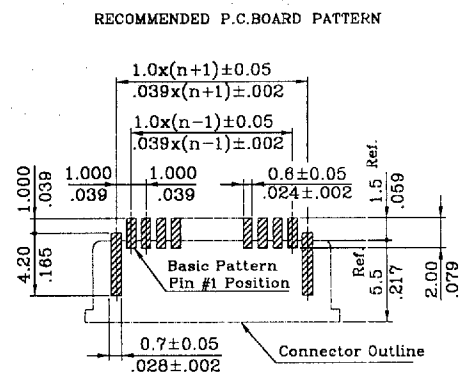
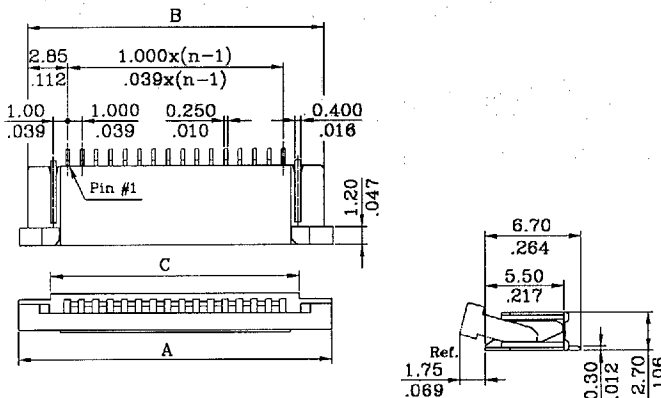
1056S ** * T * 1
1 2 3 4 5 6

- Series No.
- No. of circuits
- V : Vertical contact (SMT type)
D : Downside contact (Horizontal type)
U : Upside contact (Horizontal type)
- Packing:
0 = Tube
1 = Tape & Reel
- Special options:
1 = Housing: Nylon GT+30% G.F.
Slider: PPS+30% G.F. (Color: Black)
Contact: Phosphor Bronze
Leg: Brass

1056S**D**1

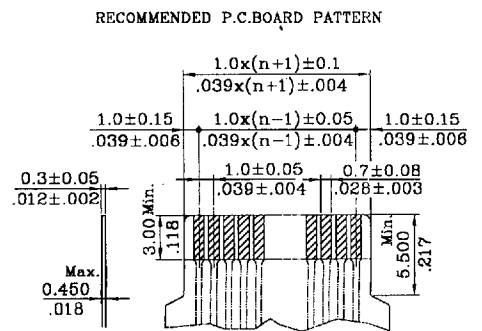


1056S**U**1



Dim.A=No. of pin+5.8mm
Dim.B=A-1.1mm
Dim.C=A-4.5mm
n=No. of circuits

RECOMMENDED FFC PATTERN



RECOMMENDED FFC PATTERN