

0.50 mm. FCC/FPC SIDE ENTRY ZIF SMT CON.



0516 SERIES. 0.50mm (0.020") Pitch.

General Features

- Available in 5 through 80 circuits
- Zero insertion force(ZIF) and high retention force
- Accept 0.30 mm thickness FPC
- Downside contact
- Easy for FPC installation and reliable operation
- With metal fixed SMT tabs to secure connector on PCB

Materials

- Body: PA 6T or PA 9T + 30% GF UL 94 V-0
- Slider: PA 6T or PA 9T + 30% GF UL 94 V-0
- Contact: Phosphor bronze; Fixed tab: Brass
- Operating temperature. -40°C to + 85°C
- RoHS compliant

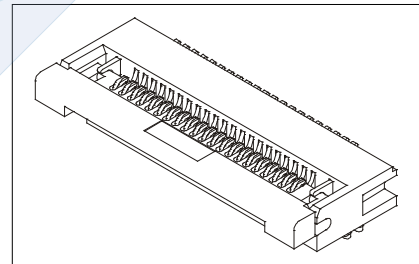
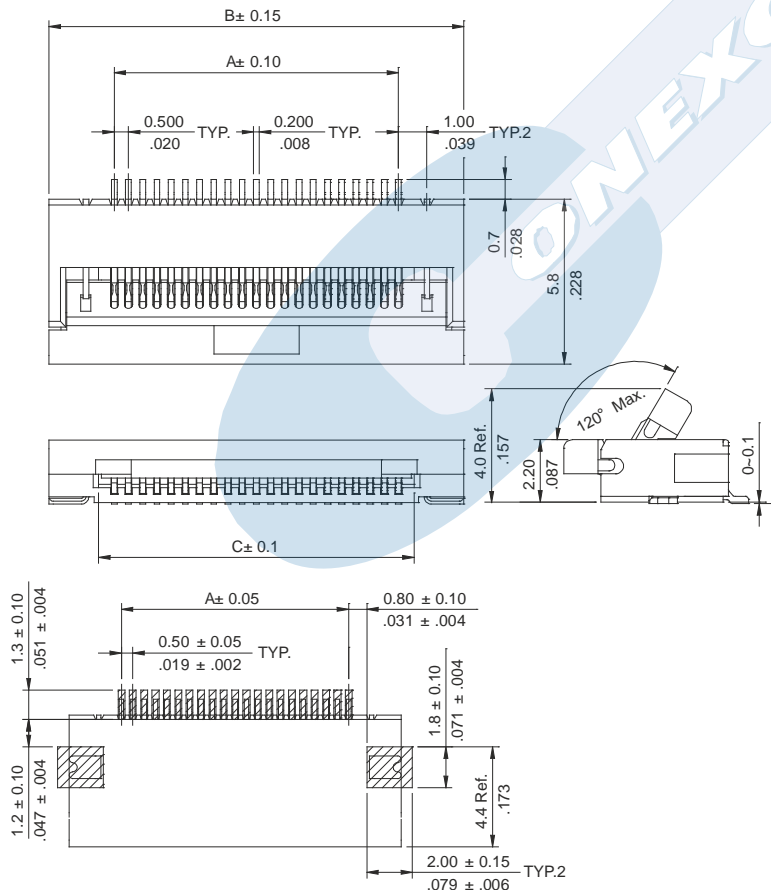
Materials

Electrical Features

- Voltage rating: < 50 V
- Current rating: < 0.50 A
- Contact resistance: < 30 mΩ
- Dielectric Withstanding Voltage: 250 V AC/minute
- Insulation Resistance: >100 MΩ

Mechanical Features

- Contact retaining force in insulator: > 0.20
- FPC withdrawal force: > 0.07 Kg/contact
- Durability: 20 cycles



Ordering Information:

0516 - 2- XX- E
 1 2 3 4

1. Connector Series

2. (T) Contact Plating

- T = 2. Tin plated

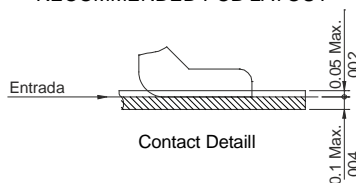
3. (XX) Number of circuits

- Available in 5 through 80 circuits

4. (E) Packing Options

- E = 1. Tube
- E = 2. Reel + Pad

RECOMMENDED PCB LAYOUT

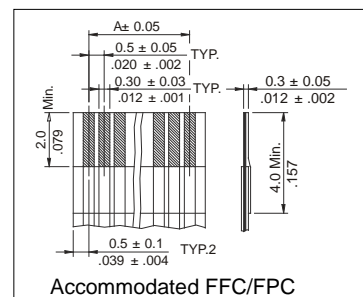


Contact Detail

DIMENSIONS:

- A = $0.5 \times (xx-1)$
- B = $0.5 \times (xx) + 4.10$
- C = $0.5 \times (xx) + 0.60$

*(XX) = Circuits (5 through 80)



Accommodated FFC/FPC