

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



## 0528 SERIES. 0.50mm (0.020") Pitch.

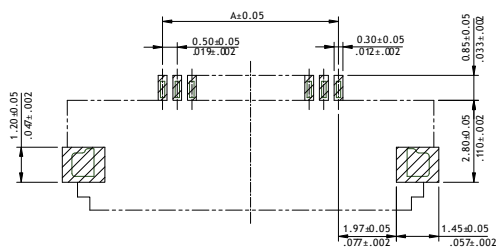
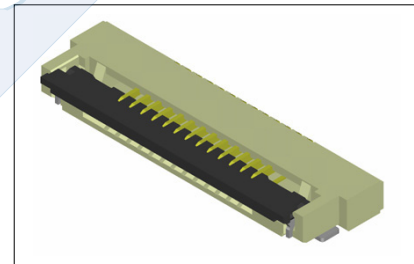
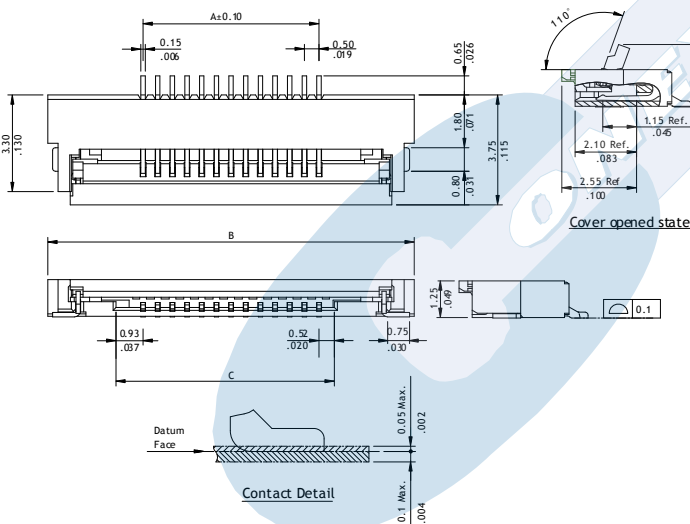
### General Features

- Available in 6, 11, 12, 13 and 14 circuits
- Zero insertion force (ZIF) and high retention force
- Accept 0.30 mm thickness FPC
- Downside contact. Low profile 1.25 mm.
- Easy for FPC installation and reliable operation
- With metal fixed SMT tabs to secure connector on PCB

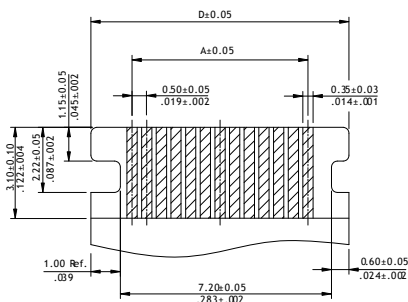
### Materials

- Body: High temperature plastic UL 94 V-0
- Slider: High temperature plastic 94 V-0
- Contact: Phosphor bronze
- Fixed tab: Brass
- Operating temperature. -40°C to + 85°C
- RoHS compliant

### Dimensions



Recommended P.C. Board Layout



Recommended FPC/FPC Dimension  
(Thickness: 0.3±0.03mm)

### Electrical Features

- Voltage rating: < 50 V
- Current rating: < 0.50 A
- Contact resistance: < 20 mΩ
- Dielectric Withstanding Voltage: 250 V AC/minute
- Insulation Resistance: >100 MΩ

### Mechanical Features

- Contact retaining force in insulator: > 0.15 Kgf
- FFC/FPC retention force: > 0.03 Kgf/contact
- Durability: 20 cycles

### Ordering Information:

**0528 - 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 6, 11, 12, 13, 14 circuits

#### 4. (E) Packing Options

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

### DIMENSIONS:

$$A = 0.5 \times (xx^* - 1)$$

$$B = 0.5 \times (xx^*) + 6.00$$

$$C = 0.5 \times (xx^*) + 0.95$$

$$D = 0.5 \times (xx^*) + 2.30$$

\*(XX) = Circuits (6 through 14)