

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



1780 SERIES. 0.50mm (0.020") Pitch. Back Flip.

General Features

- Available in 5, 8, 20, 26, 41, 45 and 50 circuits
- Zero insertion force (ZIF) and high retent. force (Back flip)
- Accept 0.30 mm thickness FPC
- Dual side contact. Low profile 0.96 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 UL 94 V-0
- Contact: Phosphor bronze; Fixed tab: Brass
- Operating temperature. -40°C to + 85°C
- RoHS compliant

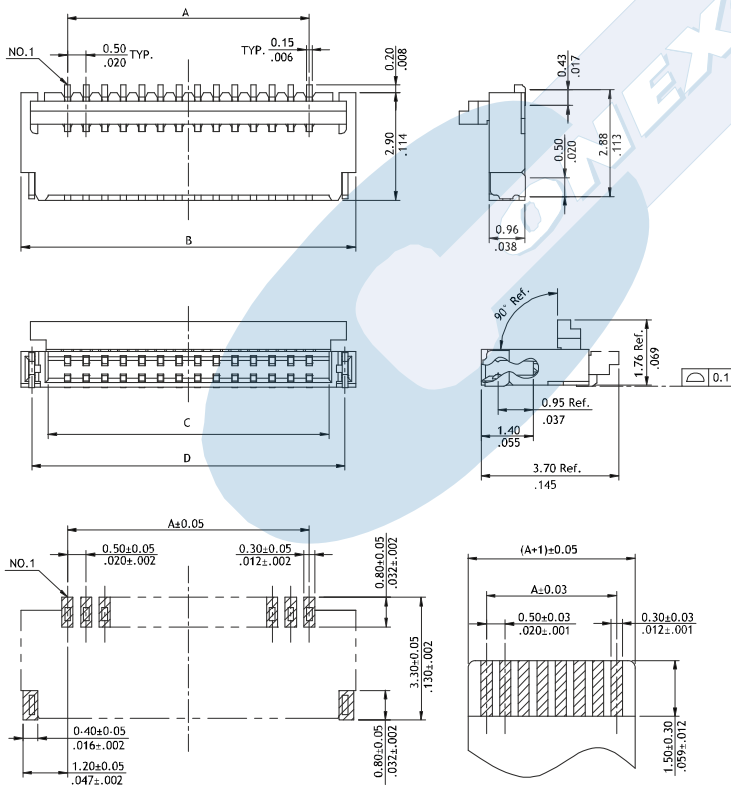
Materials

Electrical Features

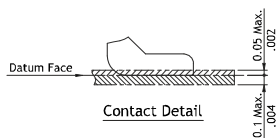
- Voltage rating: < 50 V
- Current rating: < 0.40 A
- Contact resistance: < 30 mΩ
- Dielectric Withstanding Voltage: 250 V AC/minute
- Insulation Resistance: >100 MΩ

Mechanical Features

- Contact retaining force in insulator: > 0.08 Kg
- FCC / FPC withdrawall force: > 0.15 Kg/contact
- Durability: 20 cycles



Recommended P.C. Board Layout



DIMENSIONS:

- A = 0.5 x (xx-1)
- B = 0.5 x (xx) + 2.00
- C = 0.5 x (xx) + 0.55
- D = 0.5 x (xx) + 1.42

*(XX) = Circuits (5 through 50)

Ordering Information:

1780 - T- XX- E
 1 2 3 4

1. Connector Series

2. (T) Contact Plating

- T = 2. Tin plated
- T = 3. Gold flash over nickel

3. (XX) Number of circuits

- Available in 5 through 50 circuits

4. (E) Packing Options

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

