

# BOARD TO BOARD CONNECTOR RECEPTACLE



## 0825 SERIES. 0.80 mm. (0.032") Pitch.

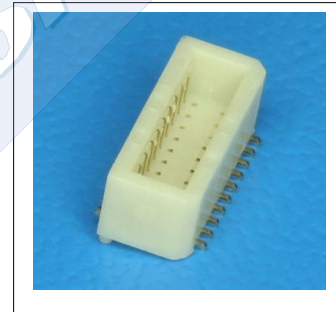
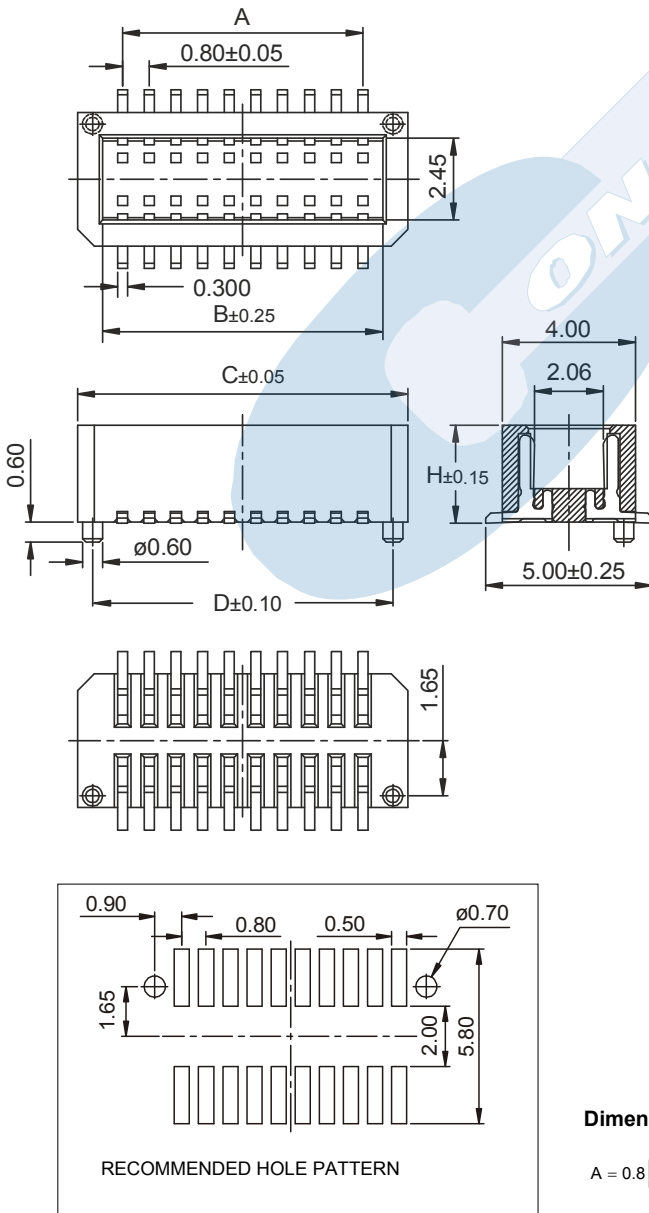
### General Features

- Available in 8 through 50 circuits
- Mates with plug 0,80 mm pitch 0824 series
- With polarized fixing post for PCB
- Allows different connection high
- Plastic fixing post for alignment of connector pins

### Materials

- Insulator: Polyester Nylon 9T UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature. -40°C to +105°C
- RoHS compliant

### Dimensional Information



### Electrical Features

- Voltage rating: < 50 V
- Current rating: < 0,5 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 200 V AC/minute
- Insulation resistance: >100 MΩ
- Capacitance: < 2 pF at 1 KHz

### Mechanical Features

- Insertion force receptacle/plug: < 0,10 Kgf/pin
- Unmating force receptacle/plug: > 0,01 Kgf/pin
- Contact retention force to housing: > 0,10 Kgf/pin
- Durability: 25 cycles

### 0825 - T- XX- L- E

1 2 3 4 5

#### 1. Connector Serie

#### 2. (T) Contacts Plating

- T = 3. Gold flash over Ni.  
RECOMMENDED FINISH

#### 3. (XX) Number of circuits

- Available in 8 to 50 circuits

#### 4. (L) Connector High

- L = 1. H = 2.90 mm.
- L = 2. H = 3.40 mm.
- L = 3. H = 3.90 mm.

#### 5. (E) Packing Options

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

### Dimensions

$$A = 0.8 \left( \frac{XX}{2} - 1 \right) \quad B = 0.40 + 0.8 \left( \frac{XX}{2} \right) \quad C = 1.90 + 0.8 \left( \frac{XX}{2} \right) \quad D = 0.8 \left( \frac{XX}{2} \right) + 1$$

(XX) = Number of circuits