# FLAT CABLE IDC SOCKET



# 2070 SERIES. 2.00 x 2.00 mm. (0.079 x 0.079") pitch.

## **General Features**

- Available in 10, 12, 14, 16, 18, 20, 22, 24, 26, 30, 34, 40, 44, 50 and 68 circuits
- Mates with 2.00 mm pitch pin headers and connectors 2071, 2072 and 2073 series
- Use flat cable 1.00 mm pitch 9100 series
- Insulation outside diameter of wire: 0.85 mm

#### **Materials**

- Insulator: PBT, glass reinforced, rated UL 94V-0
- Terminal: Phosphor bronze
- Operating temperature. -25°C to +85°C
- RoHS compliant

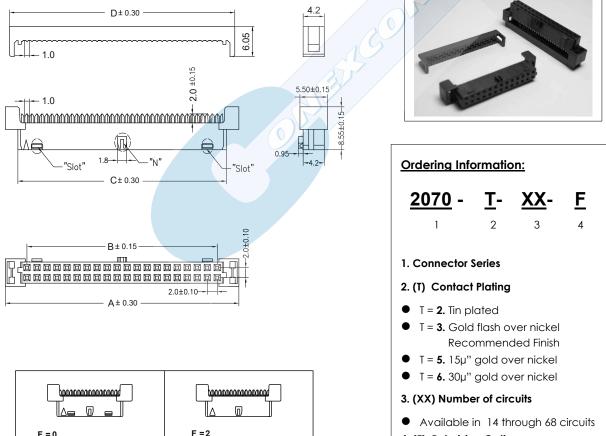
### **Dimension Information**

#### **Electrical Features**

- Voltage rating: < 250V</li>
- Current rating: < 1 A
- Contact resistance: < 30 mΩ</li>
- Dielectric withstanding Voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

#### **Mechanical Features**

- Insertion force to header: < 0.30 Kgf/pin
- Withdrawal force from header: < 0.04 Kgf/pin
- Durability: 50 Cycles



(Available in 14 through 68 circuits)

- 4. (F) Polarizing Options
- F = 0. With bar and ramp locking
- F = 2. With bar only

#### Dimensions: (In mm.)

(Available in 14 through 68 circuits)

$$\begin{split} A &= 2.00 \times (XX^*/2) + 6,65 \\ B &= 2.00 \times (XX^*/2-1) \\ C &= 2.00 \times (XX^*/2) + 1,65 \\ D &= 2.00 \times (XX^*/2) + 5,00 \end{split}$$

(XX\*) = Number of circuits