

# DIN 41612 MALE Q TYPE



## 2217 SERIES. Male Vertical PCB Type.

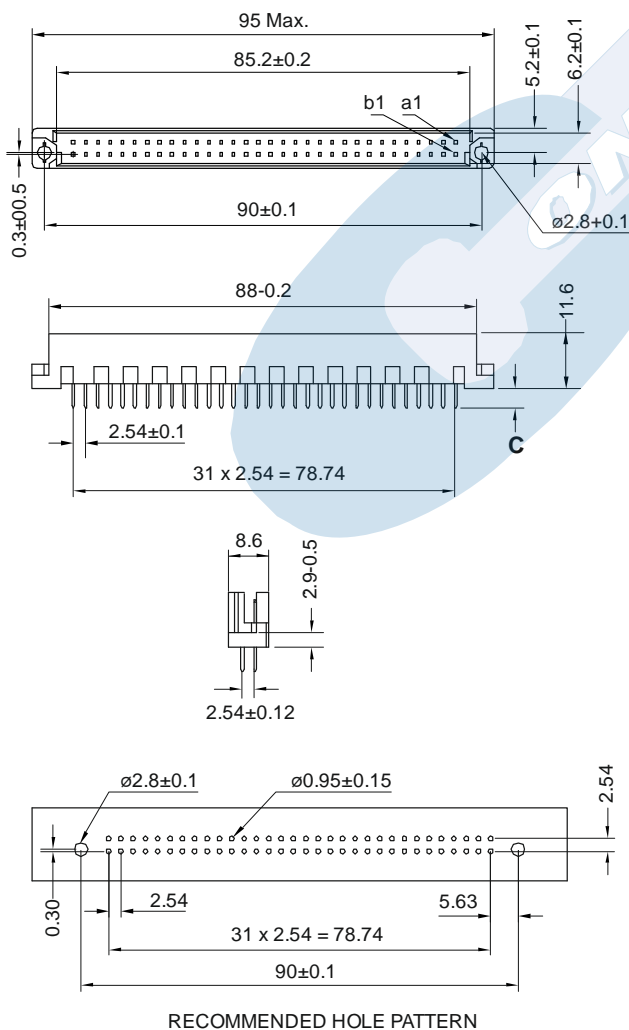
### General Features

- Available in 16 (A row), 32 (A row), 32 (A+B rows) and 64 (A+B rows)
- Mates with female B Type 2215, female Q type 2218 Series and female IDC flat Cable 2219 Series
- Different tail length in PCB area
- Different selective gold plating in contact and tail area

### Materials

- Insulator: PBT+GF UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature. -40°C to + 85°C
- RoHS compliant

### Dimension information



### Electrical Features

- Voltage rating: < 250 V
- Current rating: < 2A 20 °C; 1A 70 °C; 0.50 A 100 °C
- Contact resistance: < 20 m $\Omega$
- Dielectric Withstanding Voltage: 1000 V AC/minute
- Insulation Resistance: >1000 M $\Omega$
- Capacitance: < 2 pF at 1KHz

### Mechanical Features

- Insertion force receptacle / plug: < 0.09 Kgf/pin
- Unmating force receptacle / plug: : >0.015 Kgf/pin
- Durability: 50 cycles min. according gold plating thickness

### Ordering Information:

| <u>2217-</u> | <u>T-</u> | <u>XX-</u> | <u>C</u> |
|--------------|-----------|------------|----------|
| 1            | 2         | 3          | 4        |

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 2. Tin plated
- T = 3. Selective gold flash plating contact area
- T = 4. 15  $\mu$ " selec. gold plating contact area
- T = 5. 30  $\mu$ " selec. gold plating contact area
- T = 33. Sel. gold flash plating contact and tail area
- T = 44. 15  $\mu$ " Sel. G/F plating contact and tail area
- T = 55. 30  $\mu$ " sel. G/F plating contact and tail area

#### 3. (XX) Circuits Configuration

- 16. For 16 circuits (A row) even contacts
- 02. For 32 circuits (A row)
- 32. For 32 circuits (A+B rows) even contacts
- 64. For 64 circuits (A+B rows)

#### 4. (C) Tail Options

- 1. Pcb tail 0.30x0.64 (4.00 mm.)
- 2. Pcb tail 0.30x0.64 (2.50 mm.)
- 5. Pcb tail 0.60x0.60 (5.00 mm.)
- 6. Pcb tail 0,60x0,60 (7.40 mm.)
- 3. Wrapping 0,60x0,60 (13.00 mm.)
- 7. Wrapping 0,60x0,60 (17.00 mm.)
- 8. Wrapping 0,64x0,64 (13.00 mm.)
- 9. Wrapping 0,64x0,64 (17,00 mm.)