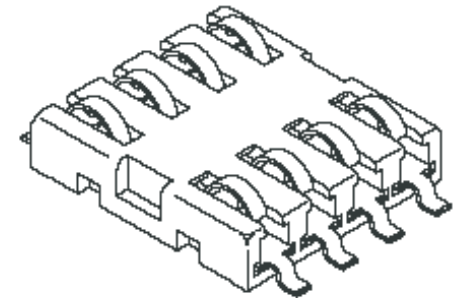


Unit: mm; Tolerances: ± 0.05 mm
Reference dimension for PCB layout

| REV | ECN. NO. | APP | DATE |
|-----|----------------|-----|------|
| A | EDIÇÃO INICIAL | | |
| B | NOVO CÓDIGO | | |
| | | | |
| | | | |



TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 11.80L x 10.62W x 2.60H mm
Weight: Approx. 0.47 g
Contact principle: Friction technology
Operating position: Shaft up / Down / Horizontal
Mounting System: SMT Type (without post)
Durability: 100,000 cycles min.

2. Mechanical Characteristics

Insulation material: Thermoplastic, UL 94V-0
RoHS Directive 2002/95/EC Compliant

3. Electrical Characteristics

Number of contacts: 8 pins
Contact resistance: 50 m Ω typical, 100 m Ω max.
Insulation resistance: >1000 M Ω / 500 VDC


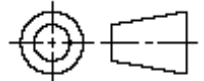
4. Solderability

Wave: Not applicable
IR reflow: 260°C, 10 sec. Max.
Manual soldering: 360°C, 3 sec. Max.

5. Environmental Characteristics

Operating temperature: - 40°C ~ + 85°C
Operating humidity: 10 % ~ 95 % RH
Storage temperature: - 40°C ~ + 85°C
Storage humidity: 10 % ~ 95 % RH

HOW TO ORDER: ICC4048CDR

|  MATRIX | | MATRIX TECNOLOGIA IND. E COM. LTDA. | |
|---|-------|--|---------------|
| UNIT | SCALE | TITLE | DATE |
| mm | | ICC4048CDR | MARCH 2010 |
| TOLERANCE: ± 0.25 | | | APP. BY |
|  | | MATL | CHK. BY |
| | | DWG. NO. | DR. BY FELIPE |