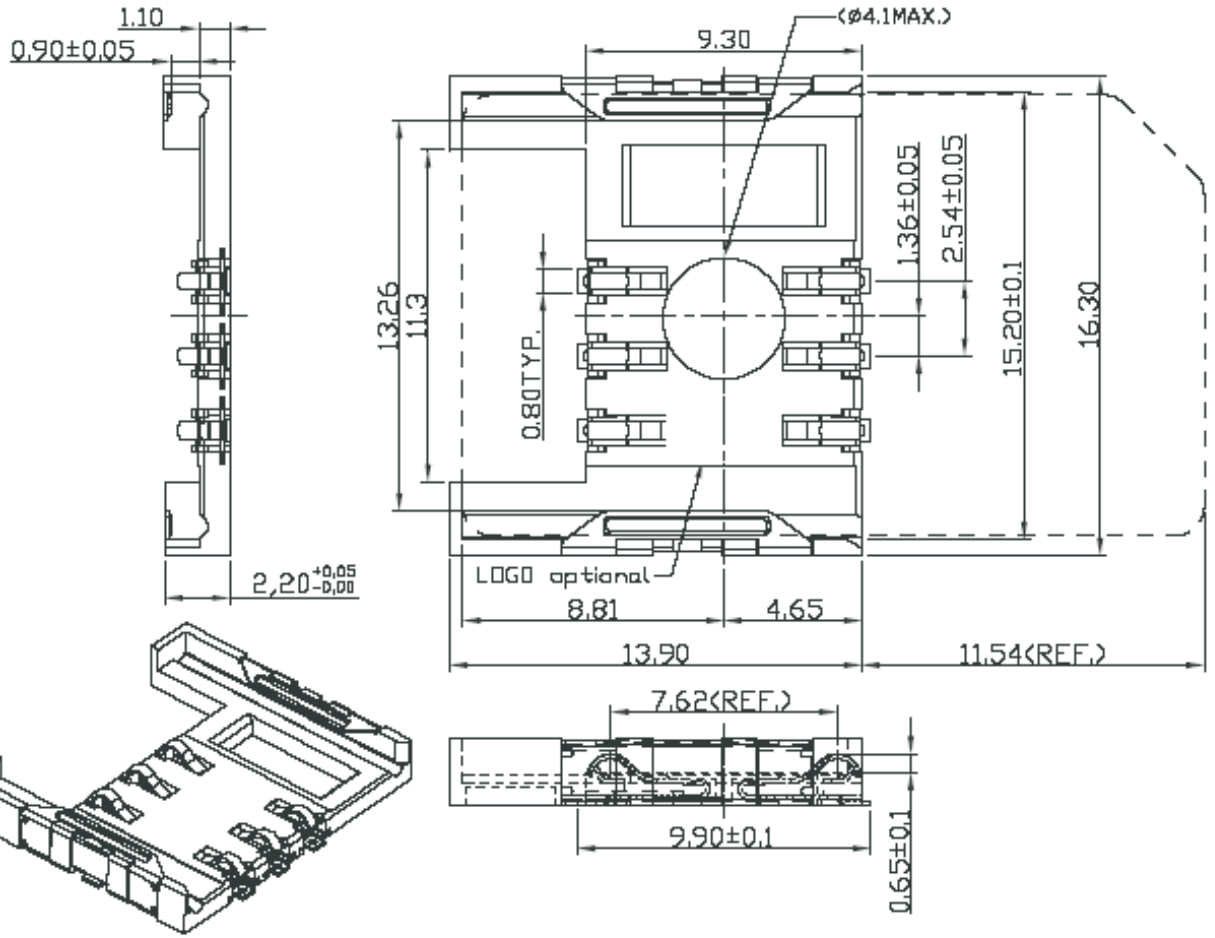
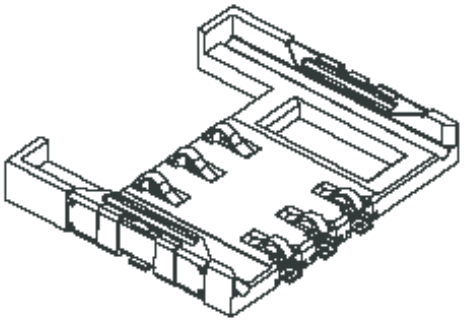
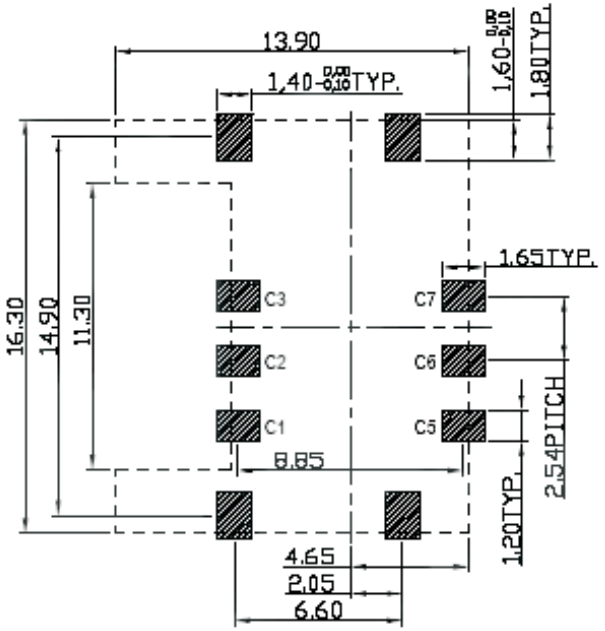
| REV | ECN. NO. | APP | DATE |
|---|---|---|---|
| A | EDIÇÃO INICIAL | | |
| B | **NOVO CÓDIGO** | | |
| | | | |
| | | | |






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

## TECHNICAL CHARACTERISTICS

**1. General Characteristics**

Dimension: 13.90L x 16.30W x 2.20H mm
Weight: Approx. 0.35 g
Contact principle: Friction technology
Operating position: Shaft up / Down / Horizontal
Mounting System: SMT Type (post optional)
Durability: 10,000 cycles min.

**2. Mechanical Characteristics**

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

**3. Electrical Characteristics**

Number of contacts: 6 pins
Contact resistance: 50 mΩ typical, 100 mΩ max.
Insulation resistance: >1000 MΩ / 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:
## ICC4226CDR

MATRIX TECNOLOGIA IND. E COM. LTDA.

| | | | |
|---|---|---|---|
| UNIT mm | SCALE | TITLE ICC4226CDR | DATE MARCH 2010 |
| TOLERANCE: ±0.25 | | | APP. BY |
| | | MATL | CHK. BY |
| | | DWG. NO. | DR. BY FELIPE |