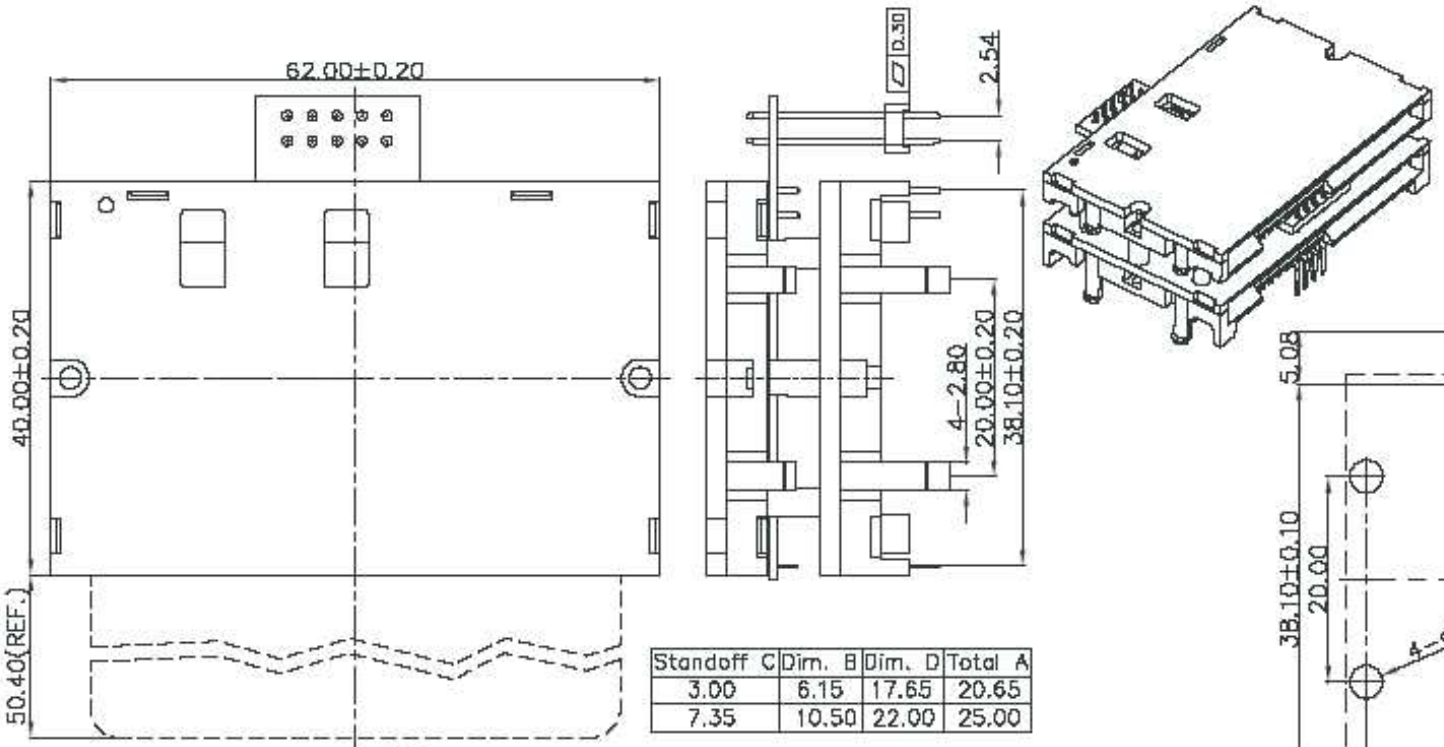
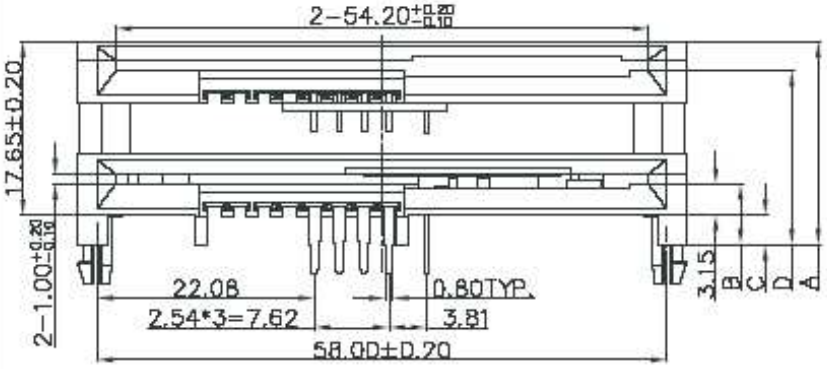
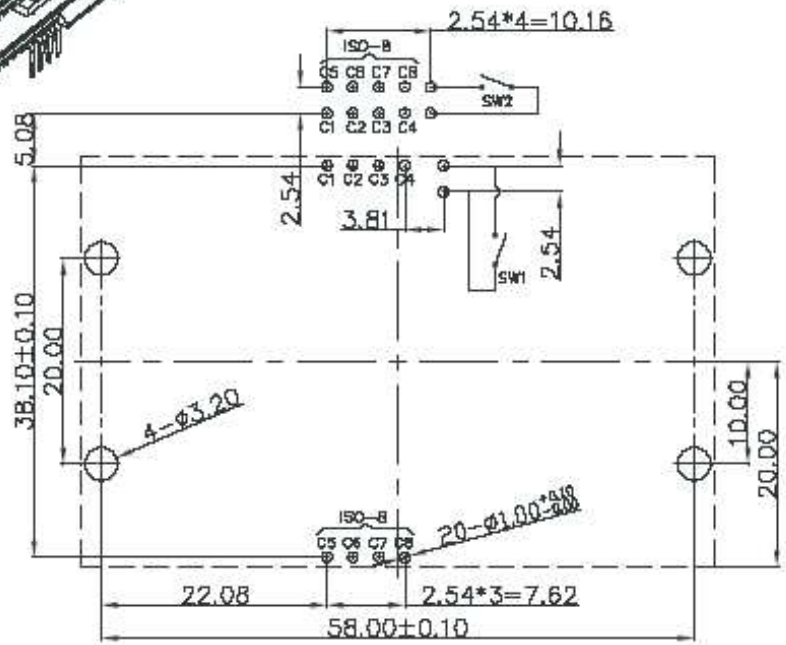
| REV | ECN. NO. | APP | DATE |
|---|---|---|---|
| A | EDIÇÃO INICIAL | | |
| B | **NOVO CÓDIGO** | | |
| | | | |
| | | | |




| Standoff C | Dim. B | Dim. D | Total A |
|---|---|---|---|
| 3.00 | 6.15 | 17.65 | 20.65 |
| 7.35 | 10.50 | 22.00 | 25.00 |






Unit: mm; Tolerances: ±0.05 mm

**Reference dimension for PCB layout**

## HOW TO ORDER:
## ICA6738CTHR

### TECHNICAL CHARACTERISTICS

**1. General Characteristics**

Dimensions: 62.00L x 40.00W x 20.65H mm
62.00L x 40.00W x 25.00H mm
Standoff H=3.00, 7.35 mm (optional)
Weight: Approx. 31.00 g
Contact principle: Friction technology
Operating position: Shaft up / Down / Horizontal
Mounting System: Thru-Hole with snap-in-lock
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 mΩ typical, 100 mΩ max.
Insulation resistance: >1000 MΩ / 500 VDC
Switch type: Blade
Operation: Normally Open or Close

**4. Solderability**

Wave: 260°C, 5 sec. Max.
IR reflow: Not applicable
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

MATRIX TECNOLOGIA IND. E COM. LTDA.

| | | | |
|---|---|---|---|
| UNIT mm | SCALE | TITLE | DATE MARCH 2010 |
| TOLERANCE: ±0.25 | | ICA6738CTHR | APP. BY |
| | | MATL | CHK. BY |
| | | DWG. NO. | DR. BY FELIPE |