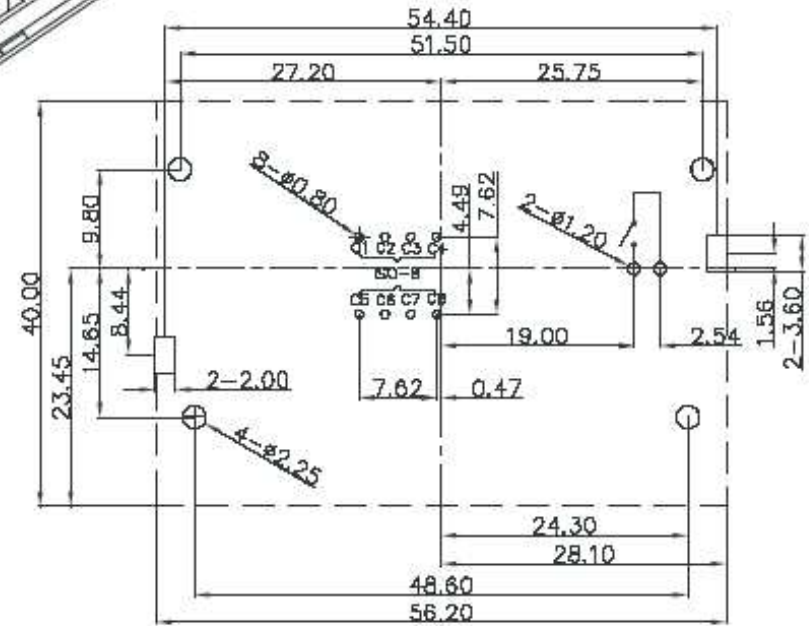
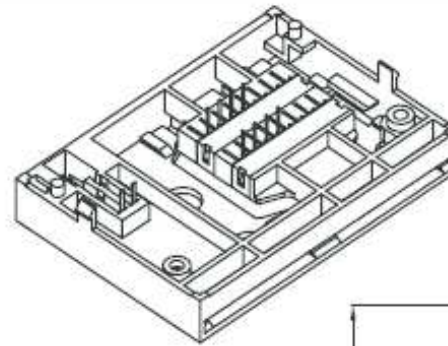
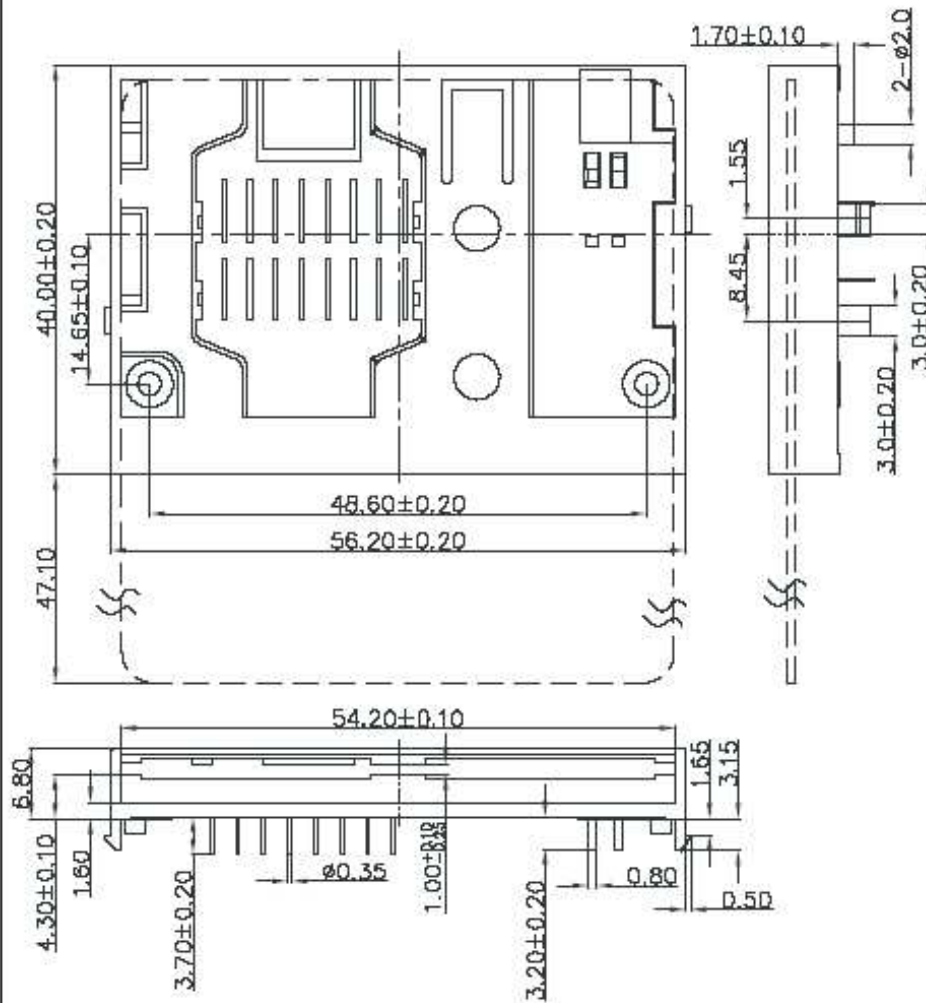


REV	ECN. NO.	APP	DATE
A	EDIÇÃO INICIAL		
B	NOVO CÓDIGO		



Unit: mm; Tolerances:  $\pm 0.15$  mm  
Reference dimension for PCB layout

### TECHNICAL CHARACTERISTICS

#### 1. General Characteristics

Dimension: 56.20L x 40.00W x 6.80H mm  
Weight: Approx. 7.56 g  
Contact principle: Friction technology  
Operating position: Shaft up / Down / Horizontal  
Mounting System: Thru-Hole with Snap-in-lock  
Durability: 200,000 cycles

#### 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 $\Omega$  typical, 100 m $\Omega$  max.  
Insulation resistance: >1000 M $\Omega$  / 500 VDC  
Switch type: Blade  
Operation: Normally Open

#### 4. Solderability

Wave: 260°C, 5 sec.  
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

## HOW TO ORDER: ICA6068CTHR

 <b>MATRIX TECNOLOGIA IND. E COM. LTDA.</b>			
UNIT	SCALE	TITLE	DATE MARCH 2010
mm		ICA6068CTHR	APP. BY
TOLERANCE: $\pm 0.25$			CHK. BY
		MATL	DR. BY FELIPE
		DWG. NO.	