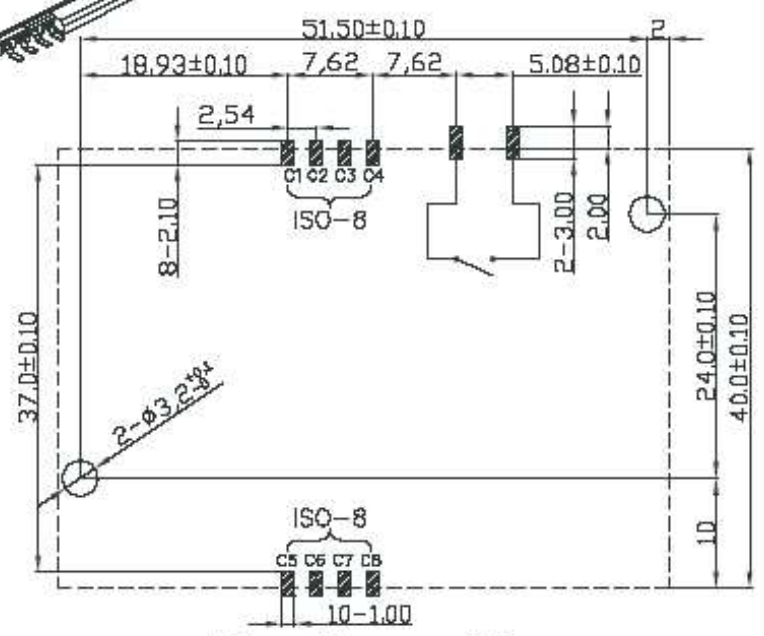


REV	ECN. NO.	APP	DATE
A	EDIÇÃO INICIAL		
B	NOVO CÓDIGO		



Unit: mm; Tolerances: ±0.15 mm  
Reference dimension for PCB layout

### TECHNICAL CHARACTERISTICS

#### 1. General Characteristics

Dimension: 55.50L x 40.00W x 5.80H mm  
Weight: Approx. 11.4 g  
Contact principle: Friction technology  
Operating position: Shaft up / Down / Horizontal  
Mounting System: Thru-Hole or SMT Type  
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: Sealed  
Operation: Normally Open

#### 4. Solderability

Wave: Not applicable  
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: ICA6028C[ ]R

1

1- Pin tyle  
(TH) Thru-Hole  
(SMD) SMT Type

MATRIX		MATRIX TECNOLOGIA IND. E COM. LTDA.	
UNIT	SCALE	TITLE	DATE MARCH 2010
mm		ICA6028C X R	APP. BY
TOLERANCE: ±0.25			CHK. BY
		MATL	DR. BY FELIPE
		DWG. NO.	