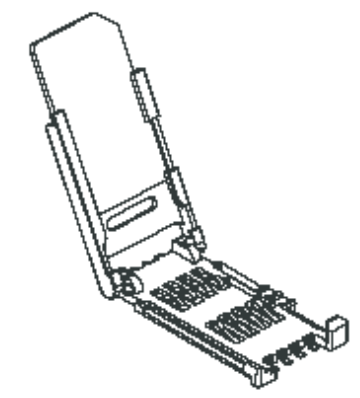


Unit: mm; Tolerances: ±0.15 mm  
Reference dimension for PCB layout

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



### TECHNICAL CHARACTERISTICS

#### 1. General Characteristics

Dimension: 29.65L x 17.20W x 3.00H mm  
Weight: Approx. 1.40 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, 8 pins (optional)  
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.


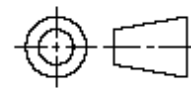
#### 5. Environmental Characteristics

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: ICA510[ ]CR

1

1- Nr. of Contacts  
06 or 08.

 <b>MATRIX TECNOLOGIA IND. E COM. LTDA.</b>			
UNIT	SCALE	TITLE	DATE MARCH 2010
mm		ICA510 X CR	APP. BY
TOLERANCE: ±0.25		MATL	CHK. BY
		DWG. NO.	DR. BY FELIPE