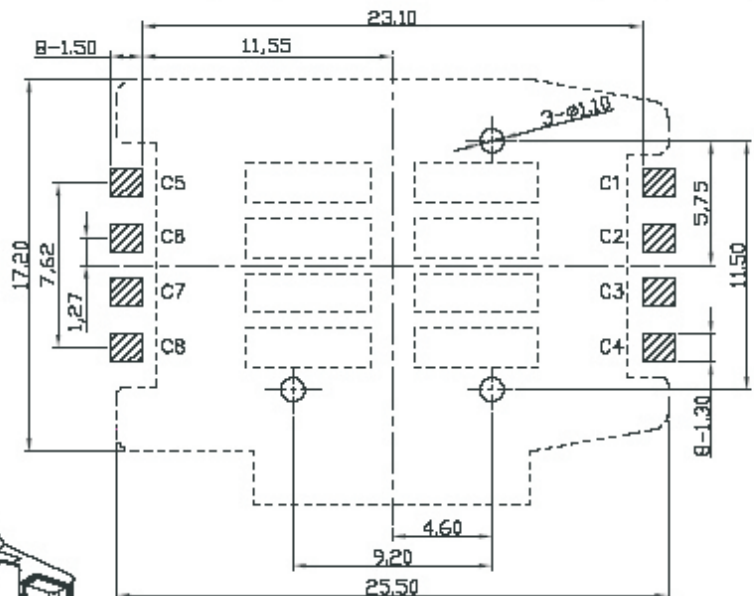


REV	ECN. NO.	APP	DATE
A	EDIÇÃO INICIAL		



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

**HOW TO ORDER:**  
**MX-ICA-505-[ ]C-[ ]**  
**1 2**

1- Nr of Contacts:  
06 or 08  
2- (R) RoHS Compliant

**TECHNICAL CHARACTERISTICS**

**1. General Characteristics**  
Dimension: 25.50L x 19.70W x 2.50H mm  
Weight: Approx. 1.15 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

		<b>MATRIX TECNOLOGIA IND. E COM. LTDA.</b>	
UNIT mm	SCALE	TITLE MX-ICA-505-XC	DATE SEPTEMBER 2007
TOLERANCE: ±0.25			APP. BY
		MATL	CHK. BY
		DWG. NO.	DR. BY DIEGO