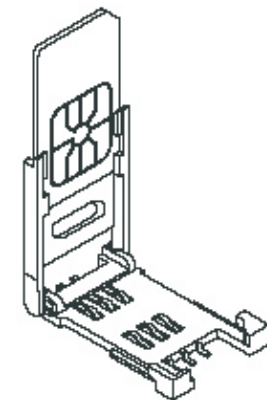


Unit: mm; Tolerances: ± 0.15 mm
Reference dimension for PCB layout

REV	ECN. NO.	APP	DATE
A	EDIÇÃO INICIAL		



TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 29.65L x 17.20W x 2.20H mm
Weight: Approx. 0.85 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 m Ω typical, 100 m Ω max.
Insulation resistance: >1000 M Ω / 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:
MX-ICA-521-[]C-[]
1 2

1- Nr. of Positions
06 or 08
2- (R) RoHS Compliant

UNIT		SCALE	TITLE	DATE
mm			MATRIX TECNOLOGIA IND. E COM. LTDA.	SEPTEMBER 2007
TOLERANCE: ± 0.25			MX-ICA-521-XC	APP. BY
			MATL	CHK. BY
			DWG. NO.	DR. BY DIEGO