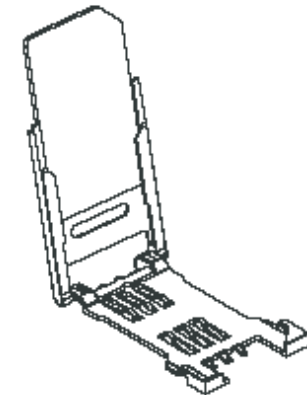


Unit: mm; Tolerances: ± 0.15 mm
Reference dimension for PCB layout

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



TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 29.85L x 17.30W x 1.80H mm

Weight: Approx. 0.68 g

Contact principle: Friction technology

Operating position: Shaft up / Down / Horizontal

Mounting System: SMT Type (post optional)

Durability: 5,000 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:

ICA506[]CR

1

1- Nr. of Contacts:
06 or 08.



MATRIX TECNOLOGIA IND. E COM. LTDA.

UNIT	SCALE	TITLE	DATE
mm		ICA506 X CR	MARCH 2010
TOLERANCE: ± 0.25			APP. BY
		MATL	CHK. BY
		DWG. NO.	DR. BY FELIPE