



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

HOW TO ORDER: ICA5096CR

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 25.50L x 17.70W x 1.95H mm
Weight: Approx. 1.10 g
Contact principle: Friction technology
Operating position: Shaft up / Down / Horizontal
Mounting System: SMT Type (without post)
Durability: 3,000 cycles min.

2. Mechanical Characteristics

Insulation material: Thermoplastic, UL 94V-0
RoHS Directive 2002/95/EC Compliant

3. Electrical Characteristics

Number of contacts: 6 pins
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

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

MATRIX		MATRIX TECNOLOGIA IND. E COM. LTDA.	
UNIT	SCALE	TITLE	DATE MARCH 2010
mm		ICA5096CR	APP. BY
TOLERANCE: ± 0.25			CHK. BY
		MATL	DR. BY FELIPE
		DWG. NO.	