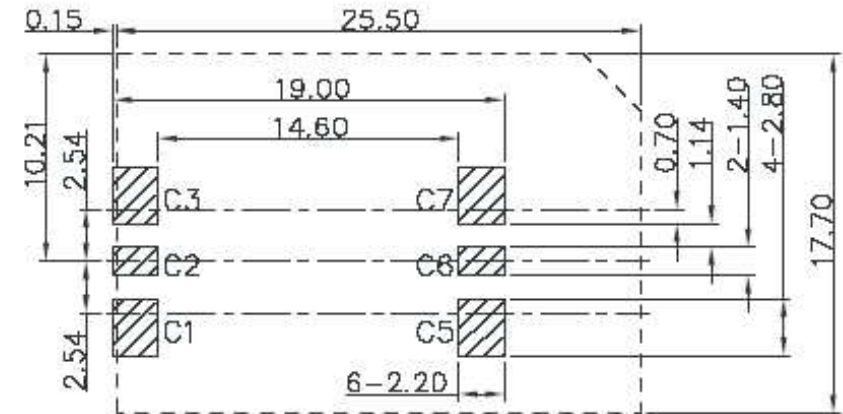
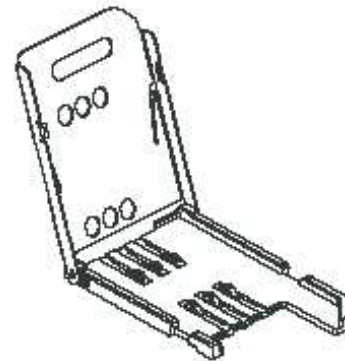
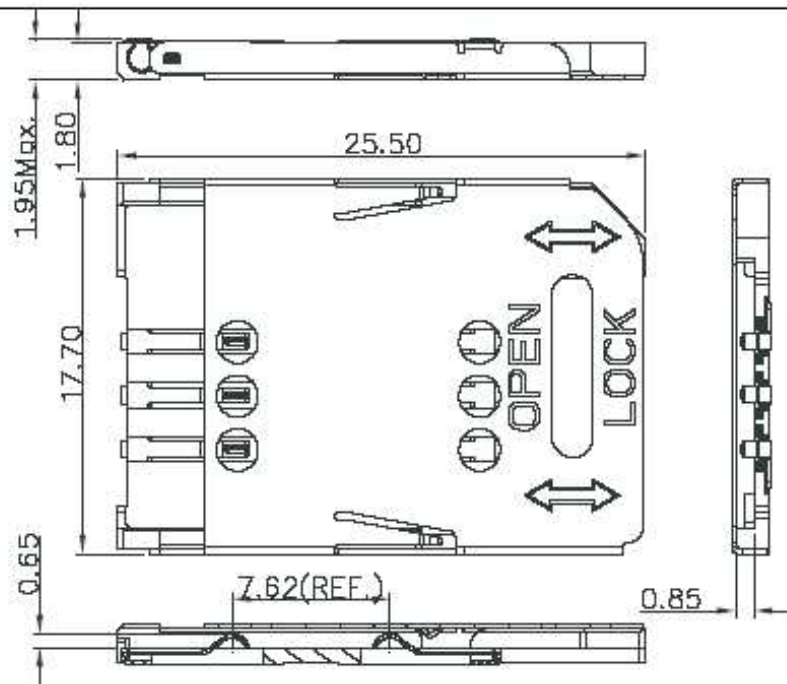
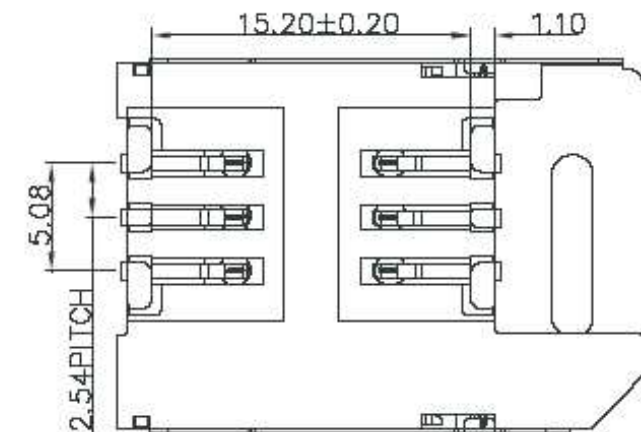


REV	ECN. NO.	APP	DATE
A	EDIÇÃO INICIAL		
B	NOVO CÓDIGO		



Unit: mm; Tolerances:  $\pm 0.05$  mm  
Reference dimension for PCB layout



## 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 $\Omega$  typical, 100 m $\Omega$  max.

Insulation resistance: >1000 M $\Omega$  / 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: ICA5096CR



MATRIX TECNOLOGIA IND. E COM. LTDA.

UNIT	SCALE	TITLE	DATE
mm		ICA5096CR	MARCH 2010
TOLERANCE: $\pm 0.25$			APP. BY
		MATL	CHK. BY
		DWG. NO.	DR. BY FELIPE