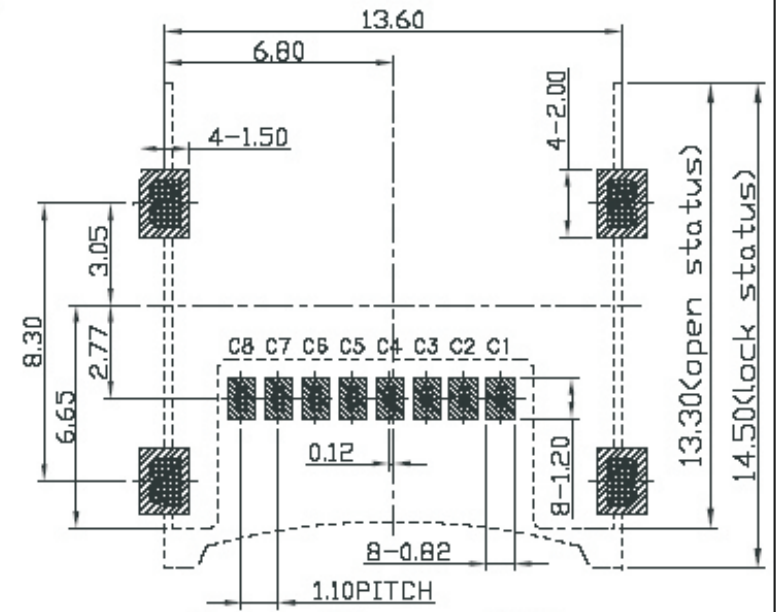
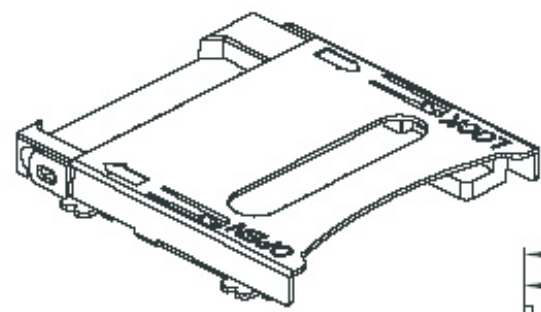
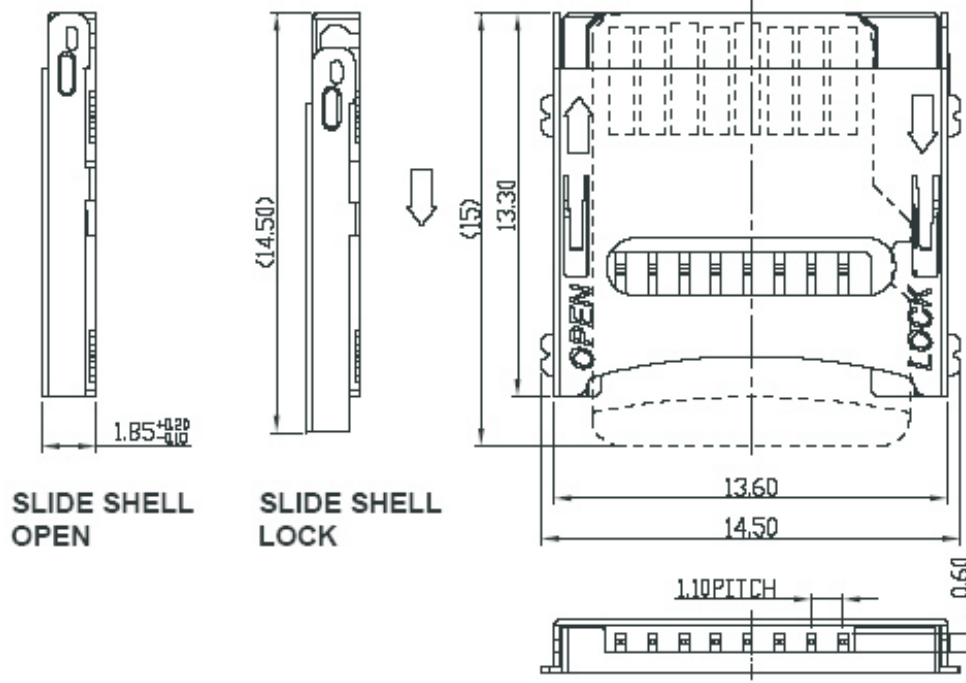


REV	ECN. NO.	APP	DATE
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Unit: mm; Tolerances: ± 0.05 mm
Reference dimension for PCB layout

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 13.60L x 13.30W x 1.85H mm
Weight: Approx. 0.42 g
Contact principle: Friction technology
Operating position: Shaft up / Down / Horizontal
Mounting System: SMT Type (without post)
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: 8 pins
Contact resistance: $100\text{m}\Omega / 20\text{mA}$
Insulation resistance: $>1000\text{ M}\Omega / 500\text{ V DC}$
Withstanding voltage: 500 V AC

4. Solderability

Wave: Not applicable
IR reflow: 260°C, 10 sec. Max.
Manual soldering: 360°C, 3 sec. Max.

5. Environmental Characteristics

Operating temperature: $-40^\circ\text{C} \sim +85^\circ\text{C}$
Operating humidity: 10 % ~ 95 % RH
Storage temperature: $-40^\circ\text{C} \sim +85^\circ\text{C}$
Storage humidity: 10 % ~ 95 % RH

HOW TO ORDER: MX-MCA-T1-8C-[]

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1- (R) RoHS Compliant

UNIT		SCALE	TITLE	DATE
mm			MX-MCA-T1-8C	SEPTEMBER 2007
TOLERANCE: ± 0.25				APP. BY
		MATL		CHK. BY
DWG. NO.				DR. BY DIEGO



MATRIX TECNOLOGIA IND. E COM. LTDA.