



Part Number:C707 10M006 5002

Description: 6 contacts (3+3), low profile, without positioning pins, index dimensions unnecessary, 800 pieces on Tape and Reel 20 mm pitch

Family: C707A

The SIMLOCK acceptor was developed to accept the GSM 11.11 miniature SIM (Security Identity Module). The standard is also popular for use as a SAM (Security Access Module) in EFT applications. To insert a SIM card into the SIMLOCK, slide the card into the rails on the cover which has a sliding hinge. The cover is closed and slid forward into the locking position. To remove the card simply slide the cover back and open. An optional switch detects cover latching. A new low profile 3 x 3 version is also now available. Consult factory for other options.

► Specifications

Mechanical Characteristics		
Data Contacts	Number	6
	Position	According to ISO 7816 and/or GSM 11.11
	Force	20 - 50 cN
Insertion Cycles	5,000 (No Corrosion Stress)	
Contact Material	Tin Bronze	
Contact Plating	Gold Over Nickel	
Insulation Material	High Temperature Thermoplastic Material (Withstands Use of General Cleaning Material) UL 94 V-O, Color: Black	
SMT Terminal Soldering	Solder Pin-Tin Plated	
	Vaporphase 15s, 230°C	
	IR Reflow Max. 260°C, 10s Max. Bar Soldering (Cover Must Be in Unlatched Position During Soldering for Models w/Latch Detect Switch)	

Environmental Conditions

Temperature Range	-40°C to +85°C
Rapid Change of Temperature	5 Cycles (Each Cycle 30 Min. at -40°C, Transition of <1 Min., 30 Sec. at +85°C)
Damp Heat	+40°C, 95% Rel. Hum., 21 Days
Vibration	f = 10-60 Hz, 0,8mm DA f = 60-500 Hz, 6 g t = 2 h/Axis
Shock	No Opening > 1 µs
Pulse Shape (Halfsine)	a = 40 g, 6 ms, 10 Shocks/Axis, Shock No Damage
	a = 500 g, 1 ms, 2 Shocks/Axis, Shock No Damage

Electrical Characteristics

Test Class According to IEC 68-1)	40/85/21
Contact Resistance (According to IEC 512-2 Test 2a)	≤60 mΩ
Insulation Resistance (According to IEC 512-2 Test 3a)	≥ 10 ⁹ Ω
Test Voltage (According to IEC 512-2 Test 4a)	540 V RMS

Outline Drawing

