



Part Information



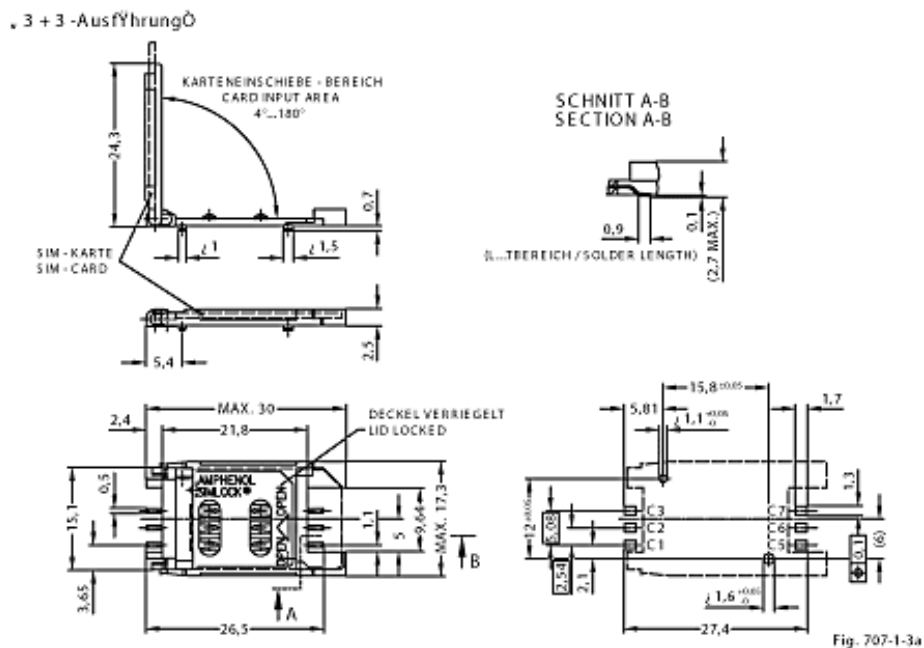
Part Number: C707 10M006 0492

Description: SIMLOCK 3 x 3 Low profile, black, w/o alignment posts

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.

Outline Drawing



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)
Switching Sequence		The Switch Senses That the Cover Is In the Latched Position
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 30s, 215°C
	IR Reflow 230°C, 30s 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