

C707A SIMLOCK® 2.5 mm with switch

Part No. C707 10M006 522 2

- Small overall dimension
- With card and locking detection switch
- Secure card position
- Reliable contacts of SIM-Card pads
- Easy and safe locking
- SMT solderable
- Packed in tape & reel
- Pick & place capable



View represents all available contact positions.

For more information, please contact us [here](#).

Series Mobile Connectors
Subseries Mobile Connectors C707A

COMMON CHARACTERISTICS		
No. of contacts		6
Contact position		GSM
Function		Chip card reader
Style		SIMLOCK
ELECTRICAL CHARACTERISTICS		
Contact resistance	IEC 60512-2, Test 2a	max. 100 mΩ
Insulation resistance	IEC 60512-3, Test 3a	max. 1 GΩ
Voltage proof	IEC 60512-2, Test 4a	125 V
Rated voltage	DIN EN 60664-1 / IEC 60664-1	max. 15 VDC
Rated current at 40°C		max. 1 A
CLIMATICAL CHARACTERISTICS		
Operating temperature		-40 °C to +85 °C
MECHANICAL CHARACTERISTICS		
Mechanical lifetime		1.500 mating cycles
Contact force		min. 0,20 N
MATERIALS		
Contacts		Copper alloy
Insulator		High temperature thermoplastic
Cover		High temperature thermoplastic; switch contact: copper alloy
Plating contacts		min. 0.8 µm Au
Plating solder area		min. 4 µm Sn
Underlayer		min. 2 µm Ni
SWITCH		
Card presence switch		closes, when card is inserted and cover is locked

