

FEATURES AND SPECIFICATIONS

Features and Benefits

- Electrical connection between SIM card and mobile phone
- No PCB slot needed
- SMT lead configuration
- PCB top mounting
- Low cycle version available

Reference Information

Product Specification: PS-94314-009
 Packaging: Tape and reel
 Mates With: SIM card ISO 7816-2 or GSM card 11.11
 Designed In: Millimeters

Electrical

Voltage: 5V
 Current: 10.0mA
 Contact Resistance: 30mΩ max.
 Dielectric Withstanding Voltage: 1000V
 Insulation Resistance: 5000 MΩ min.

Mechanical

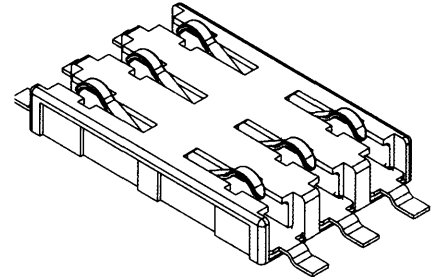
Contact Retention Force: 1N (0.22 lb) min.
 Solder Force to PCB: 9.8N (2.20 lb) min.
 Normal Force: 0.5N (0.11 lb) max.
 Durability: See Table

Physical

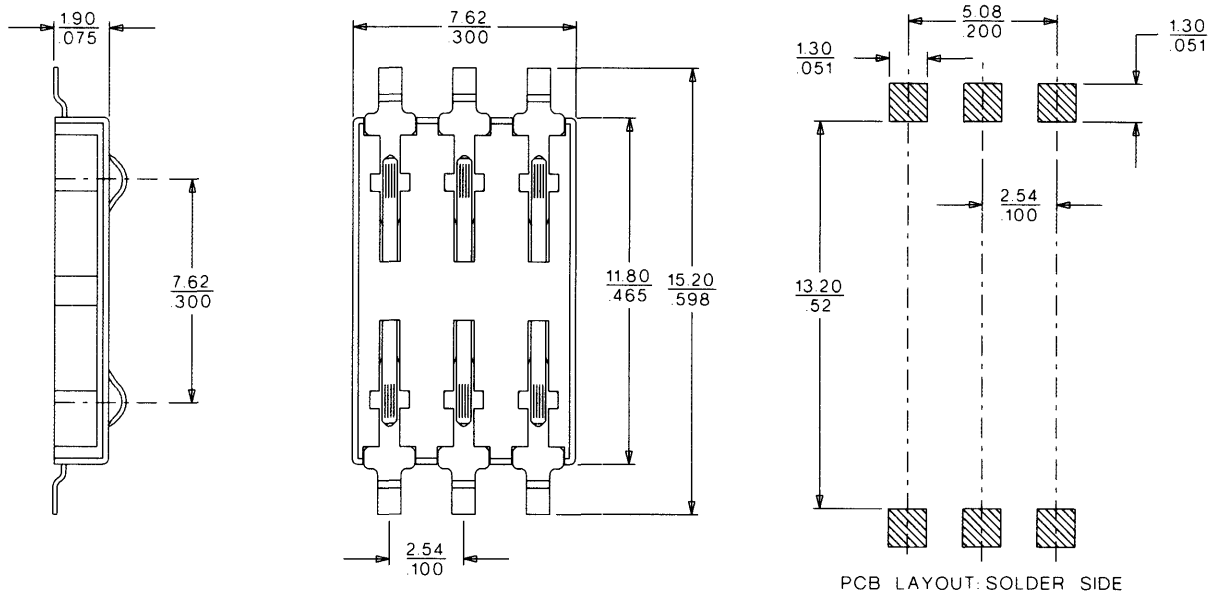
Housing: Black LCP, UL 94V-0
 Contact: Phosphor Bronze Copper Tin
 Plating: Contact Area—See Table
 Solder Tail Area—Tin/Lead
 Underplating—Nickel
 Coplanarity: 0.10mm (.004")
 Operating Temperature: -40 to +85°C

molex® 2.54mm (.100") Pitch Compact SIM Card Reader Connector

94314 6 Circuit Low Profile



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Order No.	Housing Height	Durability	Contact Area Plating
94314-5006	1.20 (.047)	10,000 cycles max.	Gold over Palladium Nickel
94314-5906	1.90 (.075)	10,000 cycles max.	Gold over Palladium Nickel
94314-5916	1.90 (.075)	3,000 cycles max.	Gold