



**SIM Card Connectors, Surface Mount, With Stainless Steel Locking Disk**

**Performance Characteristics**

- Current Rating:**  
Signal only
- Operating Temperature:**  
-40°C to +90°C
- Voltage Rating:**  
30 VAC
- Termination Resistance:**  
100 milliohms max.
- Insulation Resistance:**  
1000 megohms min.
- Dielectric Withstanding Voltage:**  
Data Contacts—750 VAC @ sea level  
Switch Contacts—250 VAC @ sea level
- Durability:**  
10,000 cycles
- Random Vibration:**  
10-500 Hz, 20 minutes in each of 3 perpendicular planes

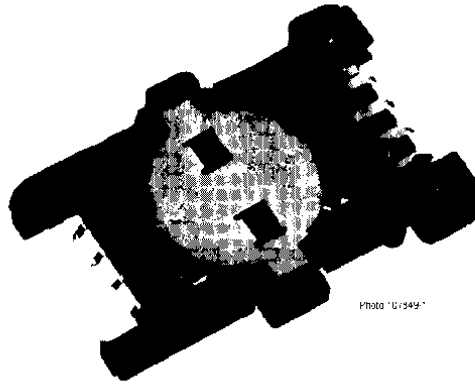
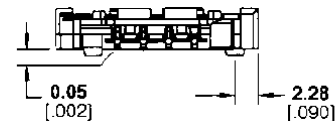
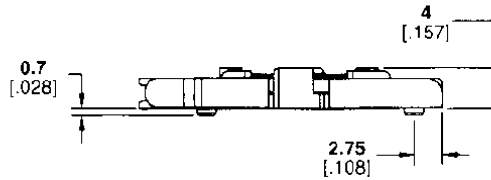
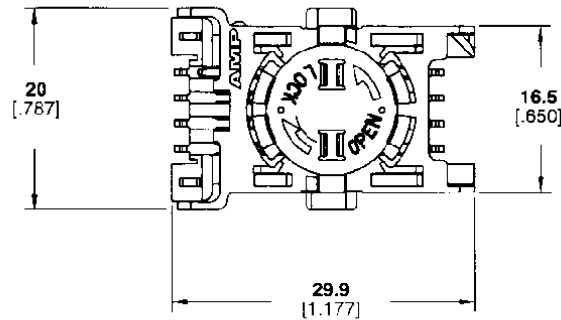


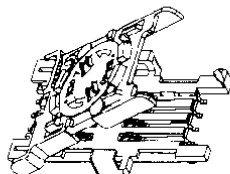
Photo 10/549



**Material and Finish:**

- Housing** - Thermoplastic, black
- Contacts** - Phosphor bronze, plated 0.00076 [.000030] min. gold over 0.00127-0.00254 [.000050-.000100] nickel on mating areas; 0.00381 0.00635 [.000150-.000250] tin-lead over 0.00127-0.00254 [.000050-.000100] nickel on solder areas
- Locking Disk** - Stainless Steel

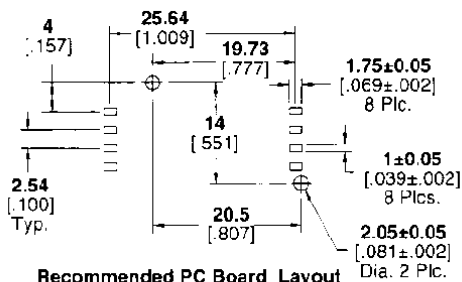
# of Positions	Card Detection Switch	Switch Style	Part Number
6	Normally Open	Unsealed	145299-1
8	With out	N/A	145299-2



Connector shown open with hinged cover and locking mechanism.

**Technical Document**

- Design Objectives:**  
108-1701



Recommended PC Board Layout