

**Smart Card Connector, Thru Hole, Without Card Scoop**

Card Detection Switch: Normally Closed
Switch Style: Unsealed
Boardlock: Yes

Performance Characteristics**Current Rating:**

Signal in class A 100 mA and class B 50 mA; withstand transients of 1A

Operating Temperature:

-10°C to +70°C

Voltage Rating:

ISO/IEC 7816-3 class A 5.5V max. and class B 3.3V max.

Termination Resistance:

Data Contacts—100 milliohms max.

Switch Contacts—150 milliohms max.

Insulation Resistance:

500 megohms min.

Dielectric Withstanding Voltage:

Data Contacts—500 V rms

Switch Contacts—250 V rms

Durability:

30,000 cycles min.

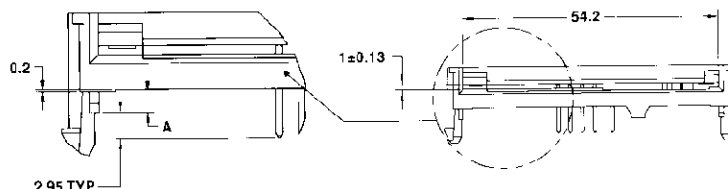
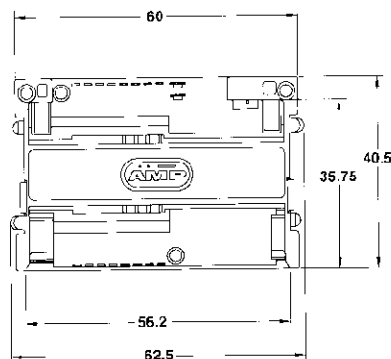
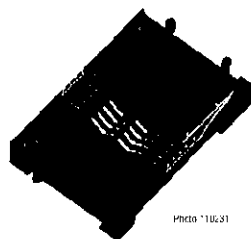
Random Vibration:

10-500 Hz, 20 minutes in each of 3 perpendicular planes

Material and Finish:

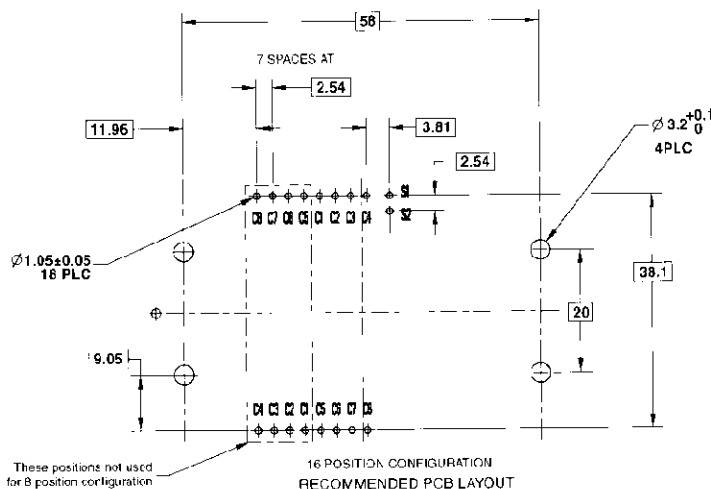
Housing - Thermoplastic, black

Contacts - Phosphor bronze, plated 0.00076 [.000030] min. gold over 0.001 [.000039] min. nickel on mating areas; 0.0025 [.000098] min. tin-lead over 0.001 [.000039] min. nickel on solder tail areas



# of Positions	Profile	Dim. A	Part Number
8	Raised	2.55	953438-1
8	Standard	0.20	953398-1
16	Standard	0.20	953398-2

Note: (1) Raised part provides 2.35 mm clearance underneath connector.

**Technical Document****Design Objectives:**

108-15202