

Materials and Finish

Housing: PBT Thermoplastic
30% Glass Filled, UL 94V-0 Rated

Pin#s 2, 5, 22, 25, 32, 35:
Copper Alloy, Gold Flash on
Contact End, Tin Plated
on Termination.

Pin#s 1, 3, 4, 23, 24, 33, 34:
SPCC, Tin Plated.

Shield: SPCC, Tin Plated
with Nickel underplating.

Electrical Characteristics

Voltage Rating:
12 Volts DC

Current Rating:
1 A

Contact Resistance:
Before Test: 50 mohms Max.
After Durability Test:
100 mohms Max.

Insulation Resistance:
More than 100 Megohms
at 500V DC

Dielectric Strength:
500V AC RMS for 1 minute

Operating Temp:
-25°C to +100°C

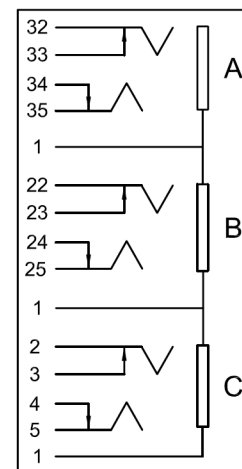
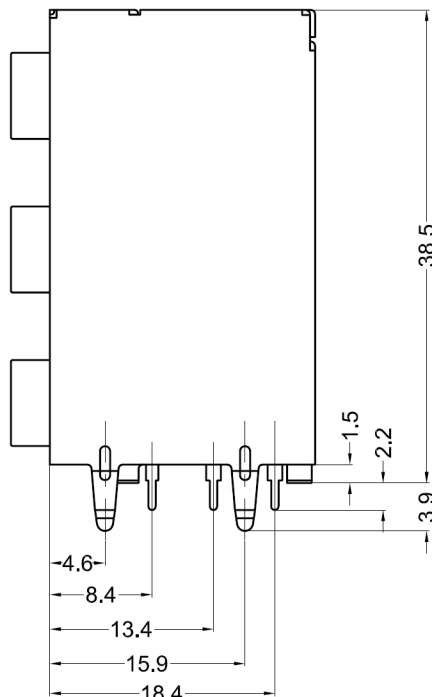
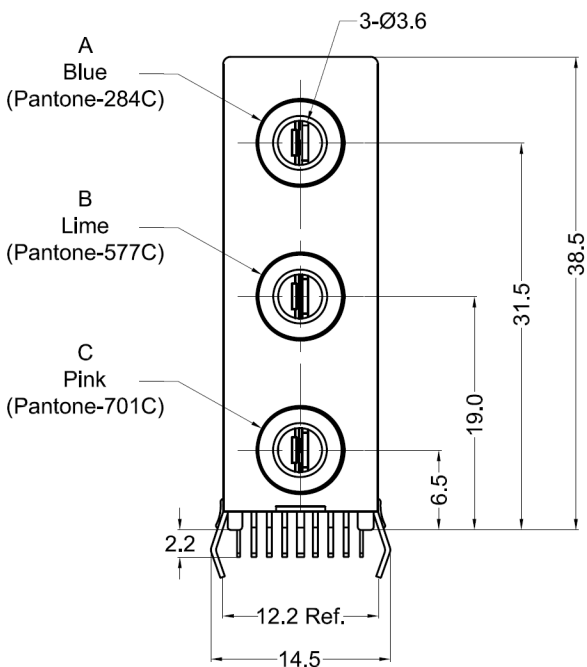
Mechanical Characteristics

Insertion Force:
0.4kg - 3.0kg

Extraction Force:
0.4kg - 3.0kg

Durability: 1000 mating cycles

Tolerances	
X.X ± 0.35	
X.XX ± 0.25	
Unless Stated Otherwise	



the vital
component

RoHS COMPLIANT
EU Directive 2002/95/EC

US
LR78160

Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated
Otherwise