

SPECIFICATION

MECHANICAL:

1. **Housing Material :** ABS UL 94V-0 rated.
Insert Material : ABS UL 94V-0 rated.
Insert Cover Material : ABS UL 94V-0 rated.
IDC Holder Material : Glass-filled 15% PBT UL 94V-0 rated.
IDC Holder Cover Material : Polycarbonate UL 94V-2.
Material Contact : Phosphor Bronze.
Finished : 50 micro-inch minimum gold over
nickel 40 micro-inch minimum.
2. **Housing Color :** Black.
3. **Operation Temperature :** -40°C to 80°C.
4. **Insertion Force :** 900gms for 8 contacts.
5. **Retention Strength :** 7.7 kgs between Keystone-jack and plug.
6. **Durability :** 500 Cycles meets contact resistance test-check every 100 cycles.
Mating and unmating cycles at 20 cycles/minute max.
7. **Cable Bracket:** Bronze and Tin plated.
8. **P.C.B:** FR4 1.6 mm thickness, 2 layer.
9. **Shielded:** Bronze and Nickel plated.

ELECTRICAL:

1. **Current Rating :** 1.5 amp max.
2. **Voltage Rating :** 160 volts AC max.
3. **Dielectric Withstanding Voltage :** 1000 VAC, RMS, 60HZ, 1min.
4. **Contact Resistance :** 20 milliohms maximum, initial.
5. **Insulation Resistance :** 500 megohms min.

PIN ASSIGNMENT

