

Materials**Housing (Base & Lid)**

Material: ABS
Colour: Ivory

IDC Module

Type: 10-pair disconnect
Material: FR-PBT (Fire resistant Polycarbonate)
Rating: UL 94V-0
Colour: White

Contacts

Material: Phosphor Bronze
Plating: Silver 5.0um

Mechanical Performance

Insertion Force: 40-75N
Pull-out Force: $F \geq 25N$ axial; 7.5N radial
IDC Life: 200 times (20-26AWG solid wire) minimum
Copper Conductor Diameter: 0.4 – 0.8mm

Electrical Performance

Insulation Resistance: 1000M Ω minimum
Contact Resistance: 7m Ω maximum
Dielectric Intensity: 1000Vrms AC 50Hz for 60s

Environmental

Storage Temperature: -40°C to +70°C
Operating Temperature: -10°C to +60°C
Relative Humidity: 95% non-condensing