

Technical Characteristics

Contact Diameter	0.4 mm (0.016")
Pitch	1.27 mm (0.050 ")

Mechanical & Environmental

Contact Resistance	< 8 mΩ (per contact)
Insertion/Extraction Force	3 lbs. max. / 2.5 lbs. max
Connector Life Cycle	> 5,000
Temperature Rating	-55°C to 125°C
Shock	100 g, 11 ms, half sine, 6 shocks per axis
Vibration	EIA 364-28, condition V test letter A, 30 g (3 axis, 5 hrs per axis)

Materials & Finishes

Insulator	LCP
Pin	Beryllium copper 50 μin gold over nickel on mating surface, 5 μin gold over nickel on solder tails
Sockets	Brass bodies with beryllium copper contact wires 50 μin gold over nickel on mating surface, 5 μin gold over nickel on solder tails

Electrical

Current Rating	1.5 A per contact
DWV	> 500V
Data Rate	> 6.0 Gbps