



1mm Pitch Redundant Contact™

Scalable Compliant Contact Technology from Ardent Concepts

Specifications

Mechanical Properties

Test Height: .075"

Free Length: .085"

Recommended Travel .010"

Recommended Force: 20-30 grams

Material: BeCu, Au plating (other materials available)

Cycle Life: 200,000 insertions

Electrical Properties

Contact Resistance: <50 mOhm

Inductance: 1 nH

Capacitance: .012 pF

Current Rating: 1.5 A

Volume Resistivity: 1,000 mOhm @ 100 VDC

Insulation Resistance: 100 VAC for 1 minute

Bandwidth: 10 GHz @ <-1dB



Offered in a broad range of sizes, pitches and base materials, Redundant Contact™ technology is a highly scalable design in compliant electrical interconnect. This contact can be applied to a broad range of applications, from test sockets and contactors to board interposers and compliant coaxial connectors. Our engineers can work with you to find the best contact for your particular application.