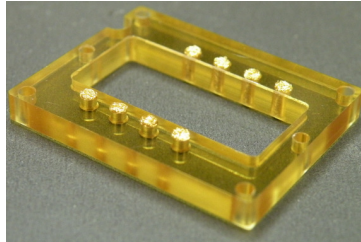


FUZZ BUTTON® INTERPOSERS



Custom Interconnects designs and manufactures a full line of interposer solutions to meet even your most stringent requirements. Combining our decades of design expertise with the superior performance of our proprietary Fuzz Button® technology yields a final product that is unmatched in performance by any other approach.

This is simply the best Z-axis connector on the market!

- ◆ Optimal Signal Integrity
- ◆ High GHz Frequency
- ◆ Low Profile
- ◆ Lightweight
- ◆ High Current Capable
- ◆ Impedance Matching
- ◆ Shock/Vibration Resistant
- ◆ Fully Compliant Mating
- ◆ Solderless Contacts
- ◆ Harsh Environments
- ◆ A Proven Approach
- ◆ Cost Effective Over COTS

Custom Interconnects

For over twenty years, the exclusive supplier of high performance Fuzz Button® Interconnect solutions to military and commercial customers worldwide.

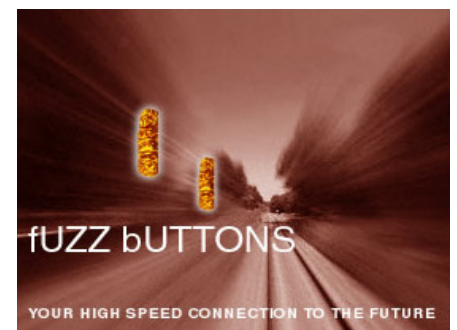
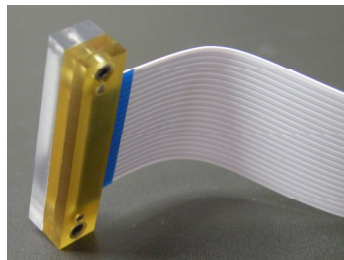
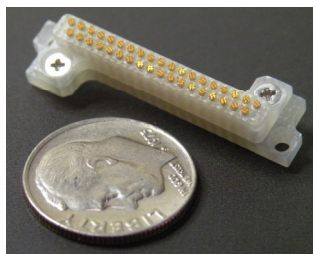
Markets	Applications
Aerospace	Board to Board
Military	Device to Board
Medical	Flex Cable Mounting
Communications	Heat Dissipation
Semiconductor	Pitch Adaptor
Automotive	Production Socket
RF / Coaxial	Grounding/Shorting Plates

Customer Programs	
Satellites	UAV / UAS
Missiles	Jet Fighters
Space Probes	Radar Arrays
Dewar Systems	Crash Test Dummies
Product Test	PCB "Super-Stacking"
High Power IC	GHz Connectors

Technical Specifications

Applications	LGA, BGA, PGA, CGA, QFN
Contact Pitch	.4mm and Above
Min/Max Thickness	.014"/.500" .36mm/12.70mm
Min/Max IO	1/5000 contacts
Current Capability	5 Amps Continuous
Operating Temperature	-60°C – 150°C
Mating Cycles	Up to 5,000
Mating Cycles with Hardhats	Up to 500,000
Compression/Force	34 grams per IO
Frequency	Up to 40Ghz
Typical Carrier Materials	Ultem, PEEK, Torlon, Teflon, FR4, Rogers, Aluminum, Brass
Design Options	Coaxial, Multi-axis, Solder Pin Integration, Hardhat Integration, COTS Modification, Materials

Note: Values shown for 1mm pitch / .020" diameter, specs differ for other sizes



For more product information, please visit our website:
www.custominterconnects.com

Custom Interconnects
7790 E. Arapahoe Road
Suite 250
Centennial, CO 80112

sales@custominterconnects.com
Phone: 303-934-6600
Fax: 303-934-6606