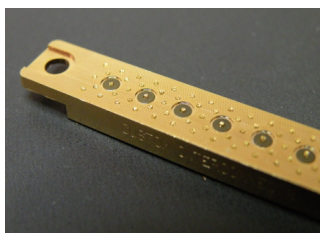
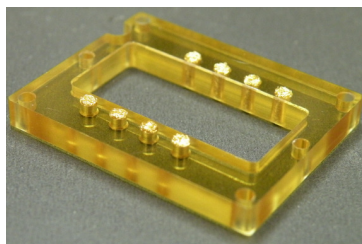


## FUZZ BUTTON® INTERPOSERS



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

- Aerospace
- Military
- Medical
- Communications
- Semiconductor
- Automotive
- RF / Coaxial

#### Applications

- Board to Board
- Device to Board
- Flex Cable Mounting
- Heat Dissipation
- Pitch Adaptor
- Production Socket
- Grounding/Shorting Plates

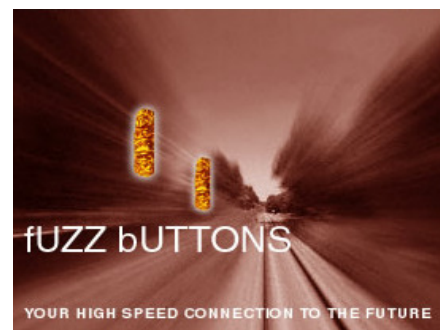
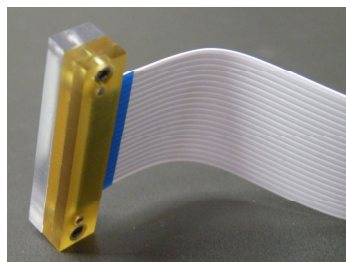
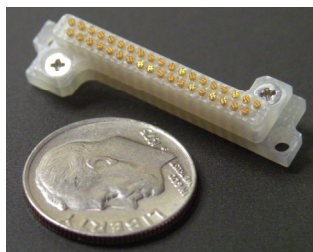
#### Customer Programs

- Satellites
- Missiles
- Space Probes
- Dewar Systems
- Product Test
- High Power IC
- UAV / UAS
- Jet Fighters
- Radar Arrays
- Crash Test Dummies
- PCB "Super-Stacking"
- 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 IO/5000 IO
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
Compliance/Travel	15 – 30% of Length
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](http://www.custominterconnects.com)

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