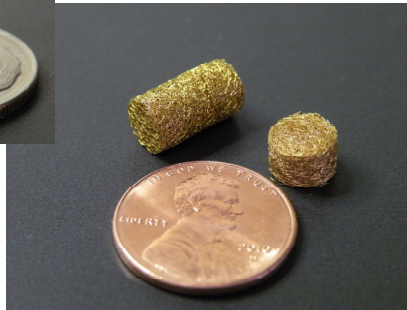


FUZZ BUTTONS®



Product Offerings

Diameters: .010", .015", .020", .025", .030", .040", .045", .050", .062", .075", .080", .090", .125", .150", .170", .200", .280"

Lengths: .020" to .500", typically 2x - 10x the diameter

Volume Fill Rate: 28%

Tolerances: Diameter +/-5%, Length +20%/-0%, Fill +/-2%

Standard Material: Gold-plated Beryllium Copper Au/BeCu 80

Alternative Material: Gold-plated Molybdenum Au/Mo 81

Part Numbers: XX-DDDLLL, XX = Material, DDD = Diameter, LLL = Length

Customization Properties: Dimensions, Fill, Tolerances and Wire Type

Specialty Non-Magnetic Material: Gold-plated Beryllium Copper 88
Gold-plated Molybdenum 87 & 89

Technical Specifications

Applications	LGA, BGA, PGA, CGA, QFN
Contact Pitch	.4mm and Above
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
Crosstalk/Bandwidth	-20dB@10GHz
Insertion Loss/Bandwidth (S21)	-.2dB@10GHz /-1dB@26GHz
Return Loss/Bandwidth (S11)	-15dB@10GHz
Self/Mutual Inductance	0.19nH/0.03nH
Ground/Mutual Capacitance	0.16pF/0.008pF
Resistance	<10mΩ
Rise Time/Fall Time	50ps/50ps

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

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	Interconnects
Military	Connectors
Medical	Test Sockets
Communications	Test Fixtures
Semiconductor	Grounding
Automotive	EMI Shielding
RF / Coaxial	Heat Dissipation

Customer Programs

Satellites	UAV / UAS
Missiles	Millimeter Wave
Space Probes	Radar Arrays
Dewar Systems	Crash Test Dummies
Product Test	Chip Packaging
High Power IC	GHz Connectors

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

