

Fuzz Buttons®

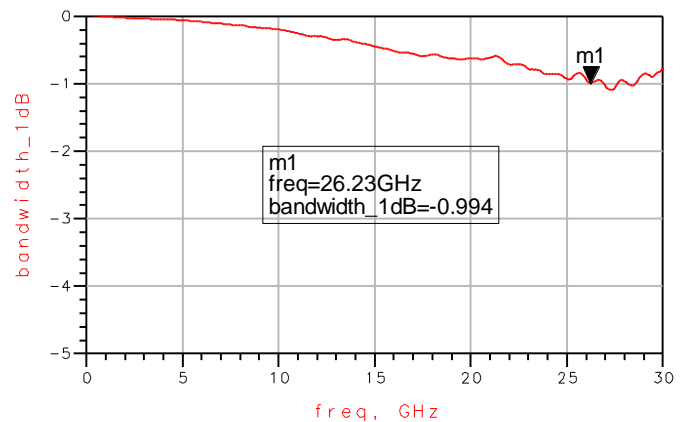


Fuzz Buttons® are the contact technology of choice for applications where performance is key. With a well-established reputation for high reliability, exceptional adaptability, superior signal performance and long life spans, Fuzz Buttons® deliver on even the most stringent spec requirements.

Small format Fuzz Buttons® are ideally suited as contact pins for test sockets, fixtures, connectors, PCB interposers and custom interconnects.

Large format Fuzz Buttons® are an excellent choice for EMI Shielding, Grounding and Heat Dissipation requirements.

- Standard Diameter Choices: .010", .015", .020", .025", .030", .038", .045", .050", .062", .072", .080", .090", .125"
- Wide Range of Lengths Available
- Standard Fill Rate/Density: 28%
- Standard Tolerances: Diameter +/-5%, Length +20%/-0%, Fill +/-2%
- Standard Material Choices: Gold-plated Beryllium Copper or Gold-plated Molybdenum
- Part Numbering: XX-DDDLLL, whereby XX is material type (80- for Au/BeCu / 81- for Au/Mo), DDD is Diameter and LLL is Length



Typical Specifications

Applications	LGA, BGA, PGA, CGA, HDI, QFN, RF/Coaxial
Contact Pitch	.5mm and above
Current Capability	5 Amps Continuous and higher
Operating Temperature	-60°C – 150°C
Maximum Mating Lifecycles	5000 used alone / 800,000 when used with Hardhats
Crosstalk / Bandwidth	-20dB@10GHz
Compliance / Travel	15 – 30% of Length
Force	32g
Insertion Loss / Bandwidth (S21)	-.2dB @10GHz / -1dB @26GHz
Return Loss / Bandwidth (S11)	-15dB@10GHz
Self Inductance / Mutual Inductance	0.19nH / 0.03nH
Ground Capacitance / Mutual Capacitance	0.16pF / 0.008pF
Resistance	<10mΩ
Rise Time / Fall Time	50ps / 50ps