

# Fuzz Button connector

## 【Standard Offerings】

Diameters mm	Lengths mm
φ 0.38	1.02~2.79
φ 0.51	0.51~5.08
φ 0.64	0.64~5.08
φ 0.76	0.76~6.35
φ 1.02	0.97~6.35
φ 1.14	1.14~6.35
φ 1.27	1.27~6.35

For any other requirement, please consult us.

## 【Mechanical】

—Material: Gold-plated Beryllium Copper Au/BeCu

—Compression/Force:

Diameters mm	Compression/Force g
φ 0.38	50
φ 0.51	50
φ 0.64	53
φ 0.76	76
φ 1.02	136
φ 1.14	172
φ 1.27	212

—Mating Cycles: 5000

—Random vibration: 100~1000Hz 1g<sup>2</sup>/Hz

—Shock: half sinusoid, acceleration 2940m/s<sup>2</sup>

## 【Electrical】

—Contact resistance and rating current:

Diameters mm	Contact resistance mΩ	rating current A
φ 0.38	<70	3
φ 0.51	<50	5
φ 0.64	<40	5
φ 0.76	<25	5
φ 1.02	<10	7.5
φ 1.14	<8.5	7.5
φ 1.27	<7	7.5



—Crosstalk: -20dB@10GHz

—Insertion loss: -0.2dB@10GHz; -1dB@26GHz

—Return loss: -15dB@10GHz

### 【Environmental】

—Operating temperature: -65°C~+150°C

—Salt spray: 48h

### Ordering information

Basic series	FB	0.51	-	5.00	-	01
Diameters						
		0.38、0.51、0.64、0.76、 1.02、1.14、1.27、				
Lengths						
		0.51~6.35				
Material						
		01-Au/BeCu				