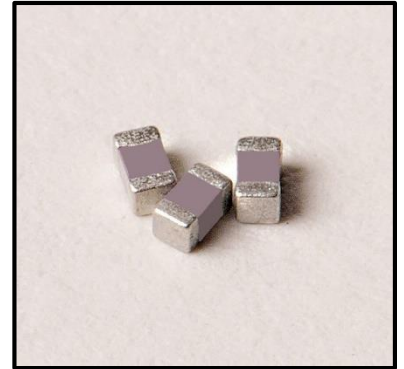
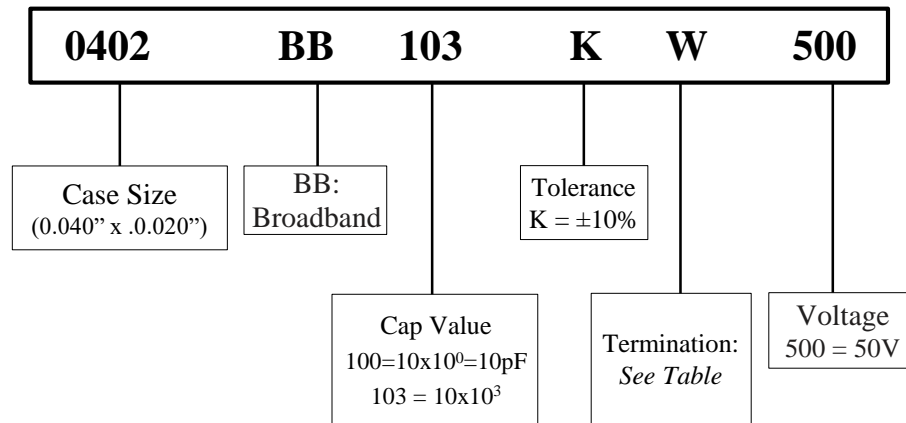


### ≡ Product Features

• Typical Operating Frequency Range	160 kHz (-3dB point) to > 40 GHz
• Insertion Loss	< 1dB, typical
• Tape & Reel	10K pcs/reel; Lower quantities available in cut tape
• Capacitance	10nF
• Operating Temperature Range	-55°C to +125°C
• Temperature Coefficient of Capacitance (TCC)	(±15%, -55°C to +125°C)
• Rated Voltage	50 WVDC
• Dielectric Withstanding Voltage (DWV)	250% of rated WVDC for 5 seconds
• Insulation Resistance	10 $\wedge$ 11 $\Omega$ min @ +25°C @ rated WVDC

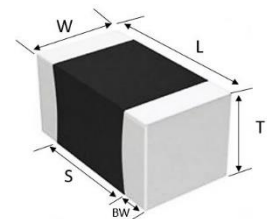


### ≡ Part Numbering




### ≡ Capacitor Dimensions

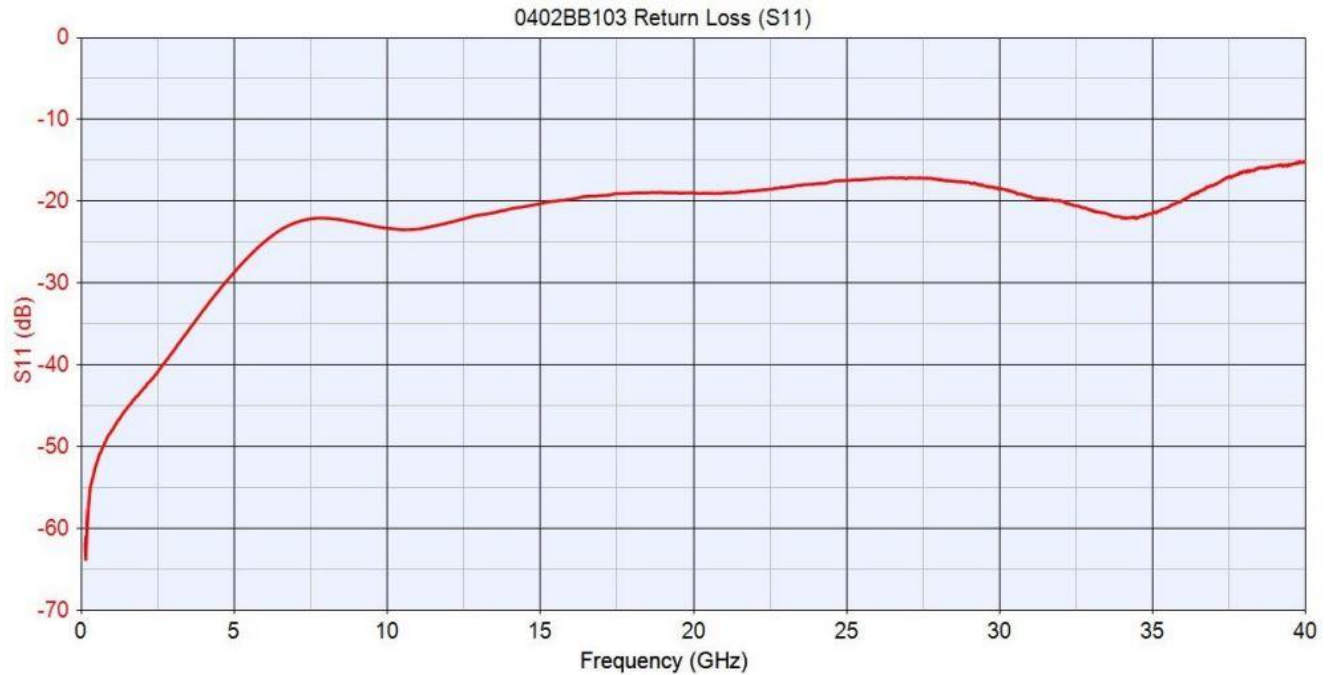
Length	Width	Thickness	Gap
L	W	T	S
0.040 in. ± 0.004 (1.016mm ± 0.102mm)	0.020 in. ± 0.004 (0.508mm ± 0.102mm)	0.024 in. MAX (0.610mm MAX)	0.016 in. MIN (0.406 min MIN)



### ≡ Terminations

W	G	L
 Tin Plated over Nickel Barrier (RoHS Compliant)	Gold Epoxy Mount Only	Tin/Lead (90%Sn/10%Pb)

**≠ Performance Curves**



**≠ Test Conditions**

Typical responses for sample placed across a 10-mil thick Rogers RO4350B microstrip board, sample spanning a 15.5-mil gap in a 21-mil-wide center trace, pad length 12.3 mils.

All measurements made using TRL de-embedding procedures.