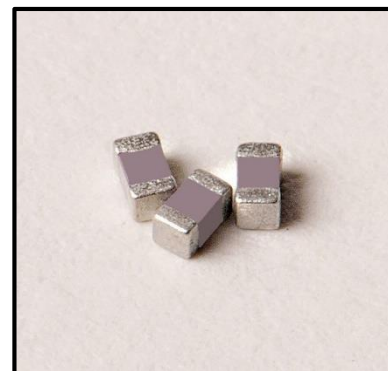


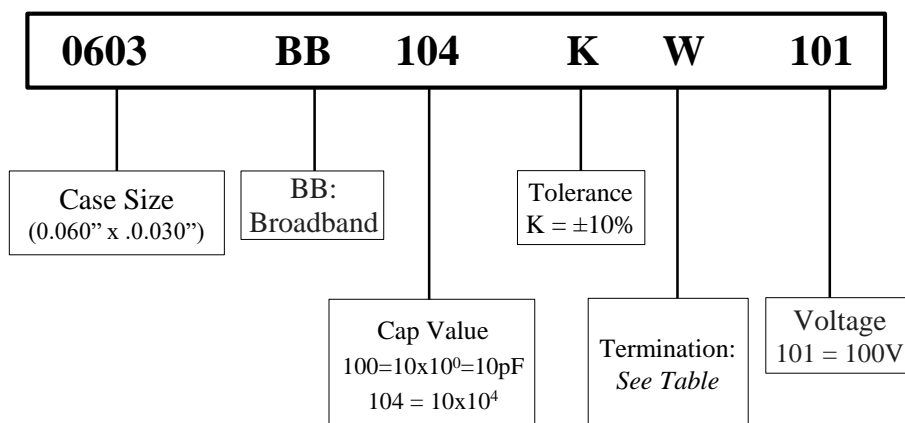


Product Features

• Typical Operating Frequency Range	16 kHz (-3dB point) to > 20 GHz
• Insertion Loss	< 1.2dB, typical
• Tape & Reel	10K pcs/reel; Lower quantities available in cut tape
• Capacitance	100nF
• Operating Temperature Range	-55°C to +125°C
• Temperature Coefficient of Capacitance (TCC)	(±15%, -55°C to +125°C)
• Rated Voltage	100 WVDC
• Dielectric Withstanding Voltage (DWV)	250% of rated WVDC for 5 seconds
• Insulation Resistance	10 \wedge 11 Ω min @ +25°C @ rated WVDC



Part Numbering

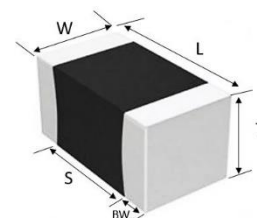


Capacitor Dimensions

Length	Width	Thickness	Gap
L	W	T	S
0.060 in. ± 0.006 (1.52mm ± 0.15mm)	0.030 in. ± 0.006 (0.76mm ± 0.15mm)	0.035 in. MAX (0.890 mm MAX)	0.020 in. MIN (0.510 min MIN)

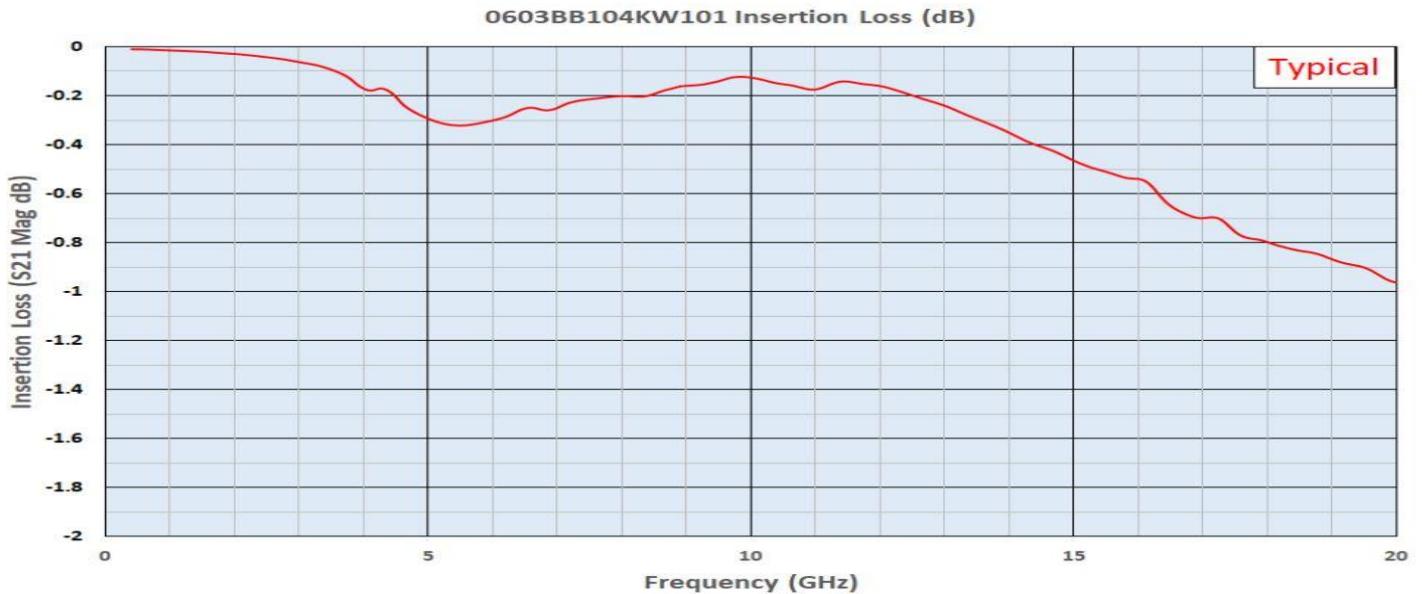
Terminations

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 response for sample placed across a 36 mil gap, 29 mil wide, 13.3 mil Rogers 4350B

Measurements are de-embedded to sample edge using TRL calibration procedures.