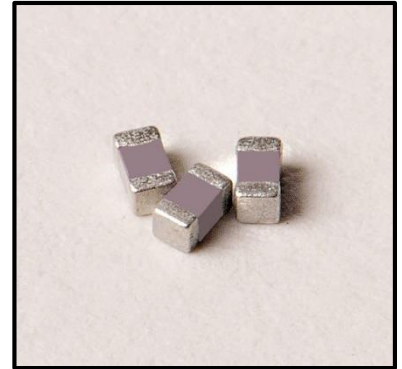
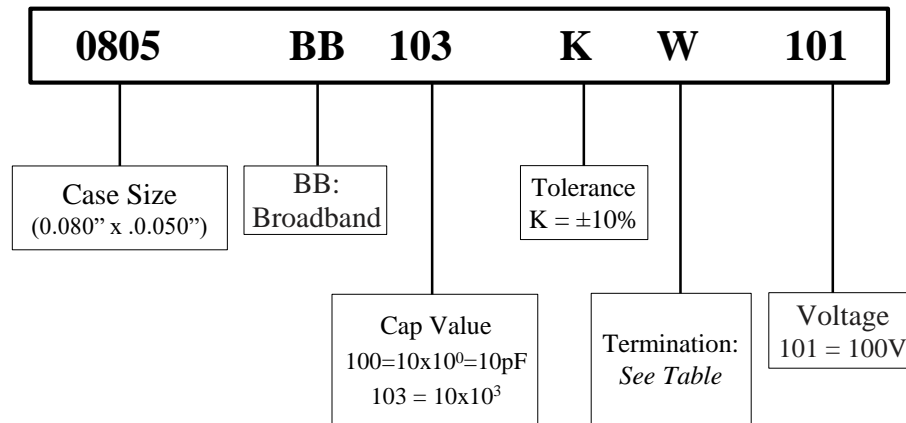


≡ Product Features

• Typical Operating Frequency Range	160 kHz (-3dB point) to > 3 GHz
• Insertion Loss	< 0.25dB, typical
• Tape & Reel	4K 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	100 WVDC
• Dielectric Withstanding Voltage (DWV)	250% of rated WVDC for 5 seconds
• Insulation Resistance	10 \wedge 11 Ω min @ +25°C @ rated WVDC

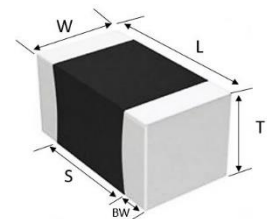


≡ Part Numbering




≡ Capacitor Dimensions

Length	Width	Thickness	Gap
L	W	T	S
0.080 in. ± 0.006 (2.03mm ± 0.15mm)	0.050 in. ± 0.006 (1.27mm ± 0.15mm)	0.040 in. MAX (1.02mm MAX)	0.044 in. MIN (1.12 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 a horizontally oriented sample (electrodes parallel to plane of substrate) placed across a 25.5-mil gap in a 42.5-mil-wide trace on 20-mil Rogers 4003C.

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