

0201BB (.020" x .010") 0201BB104KW160



◆ Product Features

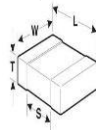
- Typical operating frequency range: 16 kHz (-3 dB point) to > 40 GHz;
- Insertion Loss: < 1 dB, typical; 16 WVDC; Available in Tin, Gold, or Tin/Lead (90%Sn/10%Pb) Terminations;
- 15K pcs/reels; lower quantities in cut tape; also available in Waffle Packs

◆ Electrical Specifications

- Capacitance: 100nF
- Operating Temperature Range: -55°C to +125°C
- Temperature Coefficient of Capacitance (TCC):
± 15% (-55°C to +125°C)
- Rated Voltage: 16 WVDC
- Dielectric Withstanding Voltage (DWV):
250% of rated WVDC for 5 secs.
- Insulation Resistance:
10¹⁰Ω min. @ +25°C @ rated WVDC

◆ Mechanical Dimensions

- L = 0.023 in. ±0.002 in. (0.58mm ±0.06mm)
- W = 0.012 in. ±0.002 in. (0.3mm ±0.06mm)
- T = 0.013 in. Typ. (0.33mm)
- S = 0.008 in. Typ. (0.2mm)



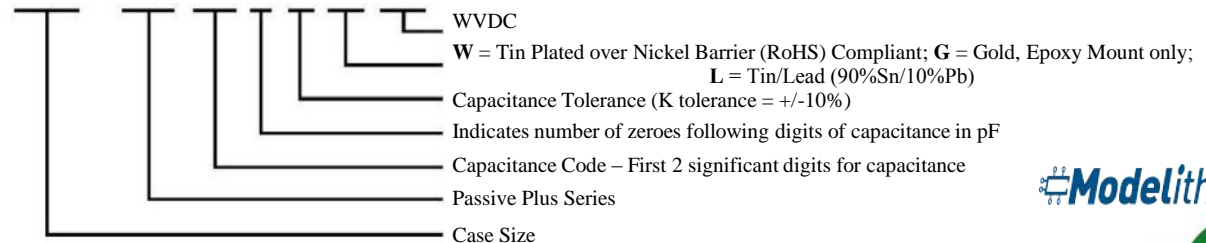
◆ Test Conditions

Typical responses for sample placed across a 5-mil gap in a 13.8-mil-wide trace on a 6.6mil RO4350.

Measurements de-embedded to sample edges using TRL calibration procedures.

◆ Part Numbering

0201 BB 10 4 K W 160



◆ Performance Curves -- Insertion and Return Loss Charts

