

0603BB (.060" x .030") 0603BB104KW101

0603BB (.060" x .030")



◆ Product Features

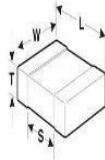
Presented frequency range: **400MHz to 20GHz**
 Insertion Loss: < 1.2db, typical; 100WVDC;
 Available in Tin, Gold or Tin/Lead Terminations

◆ Electrical Specifications

- Capacitance: 100nF
- Operating Temperature Range: -55°C to +125°C
- Temperature Coefficient of Capacitance (TCC):
 $\pm 15\%$ (-55°C to +125°C)
- Rated Voltage: 100 **WVDC**
- Dielectric Withstanding Voltage (DWV):
 250% of rated WVDC for 5 secs.
- Insulation Resistance:
 $10^{11}\Omega$ min. @ +25°C @ rated WVDC

◆ Mechanical Dimensions

- L = 0.060 in. ± 0.006 in. (1.52mm ± 0.15 mm)
- W = 0.030 in. ± 0.006 in. (0.76mm ± 0.15 mm)
- T = 0.035 in. MAX. (0.89mm)
- S = 0.020 in. MIN. (0.51mm)



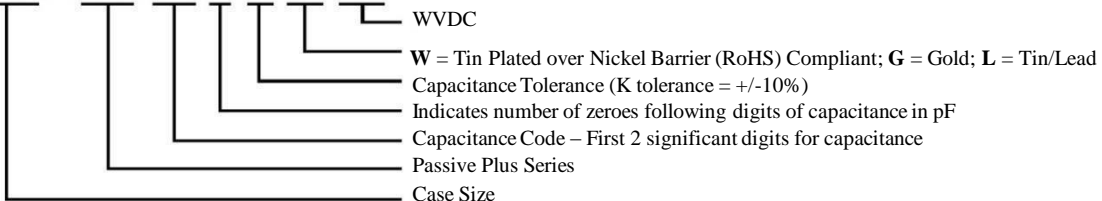
◆ Test Conditions

Typical response for a 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

◆ Part Numbering

0603 BB 10 4 KW 101



◆ Performance Curves -- Insertion and Return Loss Charts

