◆ 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): ± 15% (-55°C to +125°C)
• Rated Voltage: 100 WVDC
• Dielectric Withstanding Voltage (DVW):
  250% of rated WVDC for 5 secs.
• Insulation Resistance:
  10^11Ω min. @ +25°C @ rated WVDC

◆ Mechanical Dimensions
L = 0.060 in. ± 0.006 in. (1.52mm ± 0.15mm)
W = 0.030 in. ± 0.006 in. (0.76mm ± 0.15mm)
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

- WVDC
  W = Tin Plated over Nickel Barrier (RoHS) Compliant; G = Gold; L = Tin/Lead
  Capacitance Tolerance (K tolerance = +/-10%)
  Indicates number of zeroes following digits of capacitance in pF
  Capacitance Code – First 2 significant digits for capacitance
  Passive Plus Series
  Case Size