**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 (DWV):
  250% of rated WVDC for 5 secs.
- Insulation Resistance:
  $10^{11}$Ω 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

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