**Product Features**

Typical operating frequency range: 160kHz (-3 dB point) to > 32 GHz;
Insertion Loss: < 1 dB, typical; 25 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: 10nF
- Operating Temperature Range: -55°C to +125°C
- Temperature Coefficient of Capacitance (TCC): ± 15% (-55°C to +125°C)
- Rated Voltage: 25 WVDC
- Dielectric Withstanding Voltage (DWV): 250% of rated WVDC for 5 secs.
- Insulation Resistance: $10^{11}\Omega$ min. @ +25°C @ rated WVDC

**Mechanical Dimensions**

$L = 0.023$ in. ±0.002 (0.58mm ± 0.06mm)
$W = 0.012$ in. ±0.002 (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 3-mil gap in a 13-mil-wide trace on 6.6mil RO4350.
Measurements de-embedded to sample edges using TRL calibration procedures.

**Part Numbering**

0201BB 103KW250

WVDC
$W = $ Tin Plated over Nickel Barrier (RoHS) Compliant; $G = $ Gold, Epoxy Mount only;
$L = $ Tin/Lead (90%Sn/10%Pb)
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