

0402BB (.040" x .020") 0402BB104KW250

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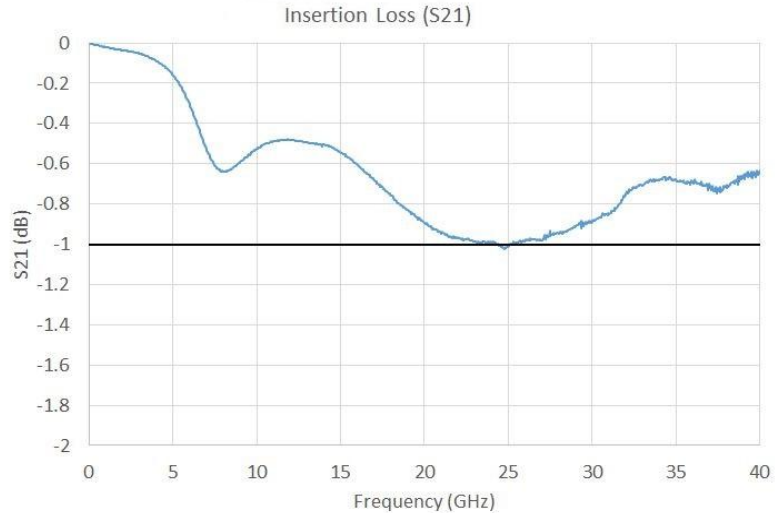
◆ Product Features

- Typical operating frequency range: 16 KHz (-3 dB point) to **35 GHz**;
- Insertion Loss: < 1.2 db, typical; **25 WVDC**;
- Available in 10K pcs/reel; Lower quantities available in cut tape.

◆ Performance Curves – Insertion and Return Loss Charts

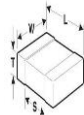
◆ Electrical Specifications

- Capacitance: 100 nF
- 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: 10¹¹Ω min. @ +25 °C @ rated WVDC



◆ Mechanical Dimensions

- L = 0.040 in. ±0.004 in. (1.016mm ±0.102mm)
- W = 0.020 in. ±0.004 in. (0.508 mm ±0.102 mm)
- T = 0.024 in. MAX. (0.610 mm MAX.)
- S = 0.016 in. MIN. (0.406 mm MIN.)



◆ Electrical Specifications

Typical responses for samples placed on a 10-mil-thick Rogers 4350B microstrip board, sample spanning a 10-mil gap in the 20-mil-wide center trace. All using TRL de-embedding procedures.



◆ Part Numbering

0402 BB 10 4 K W 250



0402BB25VDATA101416RevA