

**DC-40 GHz Wirebond Resistive Divider**

**PDR06120**

**DESCRIPTION**

This ceramic resistive divider is ideal for the applications where small size and broad band performance are critical for success. The divider is suited for the chip and wire assembly and offers low excess loss from DC to 40 GHz in addition to 20dB of typical return loss on all ports. The component is well matched for test and measurements, EW, optical, or any broad band application.



**FEATURES**

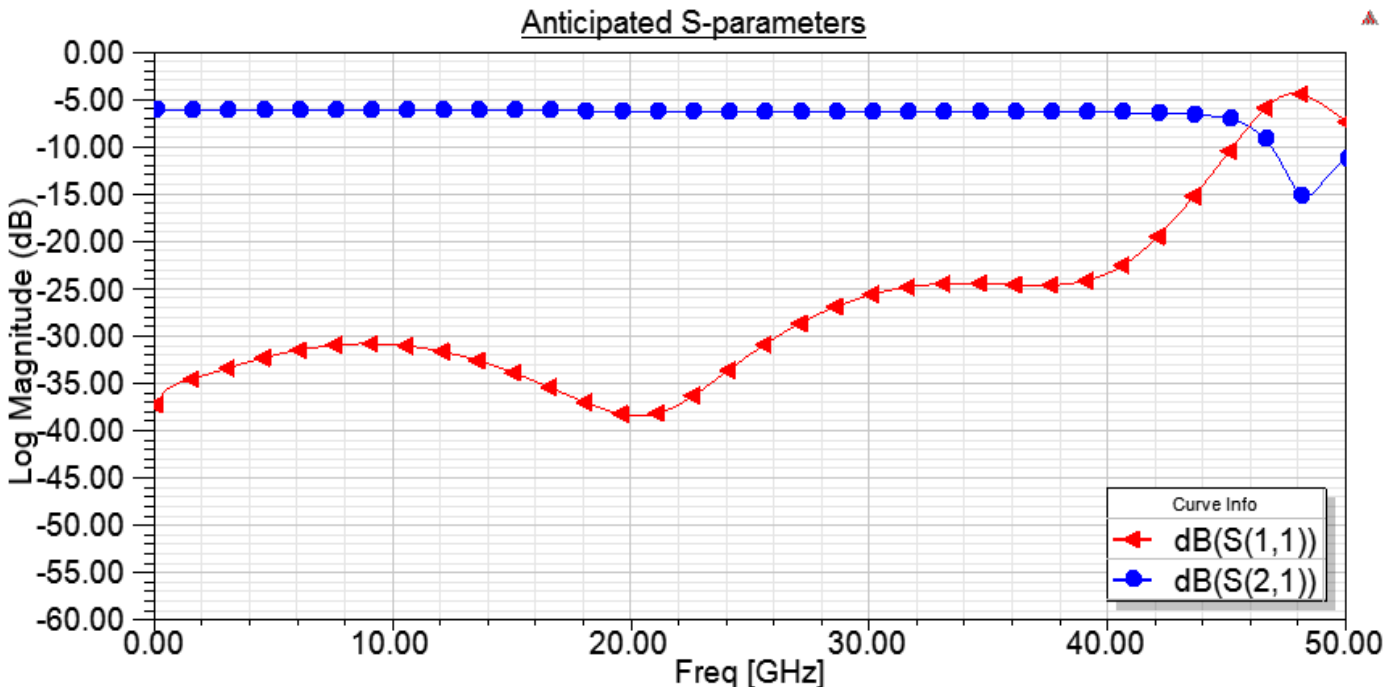
- Small Size
- Excellent Repeatability
- Frequency Stable over Temperature
- Epoxy Mount
- Wirebond Attach
- Moisture Sensitivity Level: MSL1
- Operating & Storage Temp: -55°C to +125°C
- Characteristic Impedance: 50Ω

**SPECIFICATIONS\***

Passband (GHz)	DC to 40GHz
Excess Insertion Loss (dB)	0.5 dB typ @ 25°C
Return Loss (dB)	20dB typ @ 25°C
Size (LxWxH)	0.075 x 0.065 x 0.010 in 1.905 x 1.651 x 0.254 mm

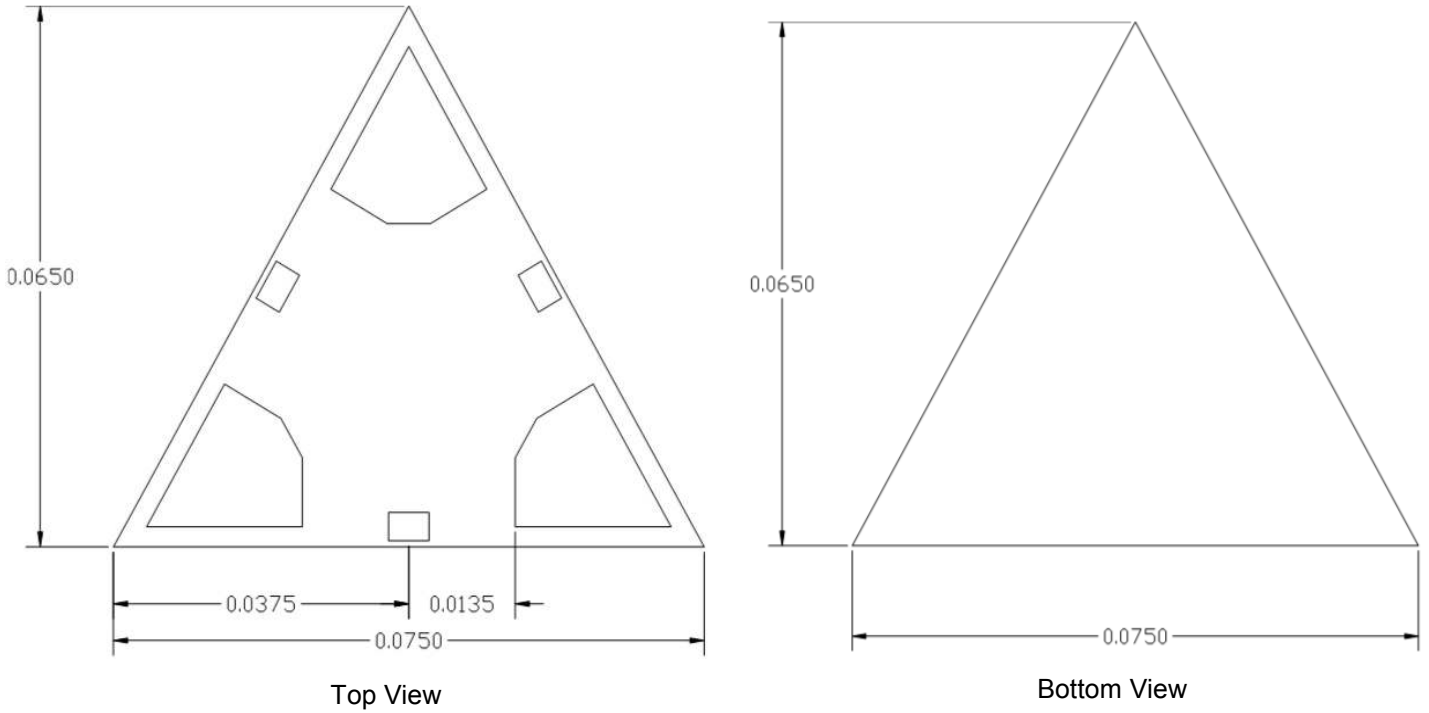
\*Electrical specifications based on anticipated performance judged from simulation data. Final specification TBD.

**Typical Simulated Performance**



**DC-40 GHz Wirebond Resistive Divider**

**PDR06120**



**Recommended PCB Layout**

