DC BLOCKING TERMINATION  100 KHz - 50 GHz
SMPM  1/2 WATT

MODELS: 8541-MPF

SPECIFICATIONS:

**Electrical:**
- Frequency Range: 100 KHz - 50 GHz
- VSWR: 1.57:1 Max. (33dB Return Loss)
- 23 - 43 GHz: 1.92:1 Max. (33dB Return Loss)
- 43 - 50 GHz: 3.00:1 Max. (6dB Return Loss)
- Input Power: 1/2 Watt Avg.
- Impedance: 50 Ohms
- Voltage Rating: 10 Volts Max DC
- Operating Temp. Range: -65°C to +125°C

**Mechanical:**
- SMPM Connectors: Gold Plated Beryllium Copper
  - Mates with MIL-STD-348 & GPPO™ Connectors
- Conductors: Gold Plated Beryllium Copper
- Housing: Gold Plated Beryllium Copper

*GPPO is a trademark of Gilbert Engineering Co., Inc.*

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**Schematic Diagram:**

- VSWR vs Frequency
- Frequency (GHz) vs VSWR

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Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only. Design specifications are subject to change without notice. Contact factory for technical specifications before purchasing or use.

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