

**High Power Limiter, SMA, 100W Peak Power, 20 ns Recovery, 16 dBm Flat Leakage, 2 GHz to 8 GHz**

**Electrical Specifications**

Internal DC Return

| Description                                                                  | Min | Typ   | Max | Unit |
|------------------------------------------------------------------------------|-----|-------|-----|------|
| Frequency Range                                                              | 2   |       | 8   | GHz  |
| Insertion Loss                                                               |     | 1.2   |     | dB   |
| Input VSWR                                                                   |     | 1.6:1 |     |      |
| Output VSWR                                                                  |     | 1.6:1 |     |      |
| Leakage (CW)                                                                 |     |       | +16 | dBm  |
| Recovery Time*                                                               |     | 20    |     | ns   |
| Input Power (CW)                                                             |     |       | 1   | Watt |
| Input Power (Peak)<br>@1us pulse, 0.1% Duty Cycle<br>Derated to 20% @ +125°C |     |       | 100 | Watt |
| Limiting Threshold                                                           |     | +9    |     | dBm  |

Electrical Specification Notes:

Values at 25°C, sea level. Specification @ +25°C and -10 dBm input power.

**Mechanical Specifications**

**Size**

|                           |                            |
|---------------------------|----------------------------|
| Length                    | 1.21 in [30.73 mm]         |
| Width                     | 0.31 in [7.87 mm]          |
| Height                    | 0.31 in [7.87 mm]          |
| Weight                    | 0.03 lbs [13.61 g]         |
| Body Material and Plating | Passivated Stainless Steel |

**Configuration**

|               |                            |
|---------------|----------------------------|
| Style         | PIN-PIN High Power Limiter |
| Package Style | Connectorized Module       |
| Impedance     | 50 Ohms                    |
| Connector 1   | SMA Male                   |
| Connector 2   | SMA Female                 |

**Environmental Specifications**

**Temperature**

|                 |                   |
|-----------------|-------------------|
| Operating Range | -55 to +90 deg C  |
| Storage Range   | -65 to +125 deg C |

|           |                    |
|-----------|--------------------|
| Shock     | 50 G's, 11 msec    |
| Vibration | 20G, 100 to 2000Hz |

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

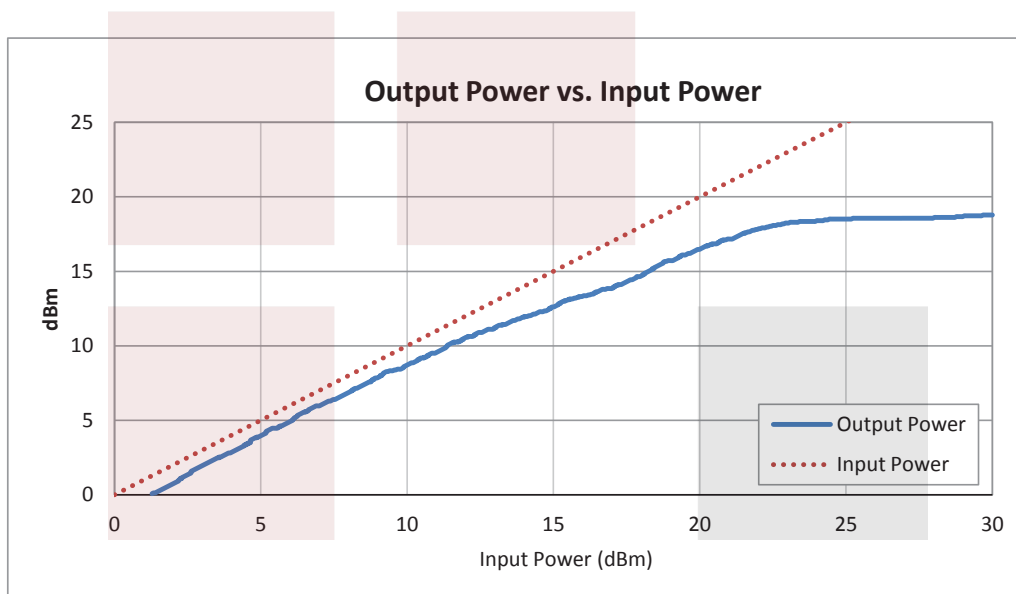
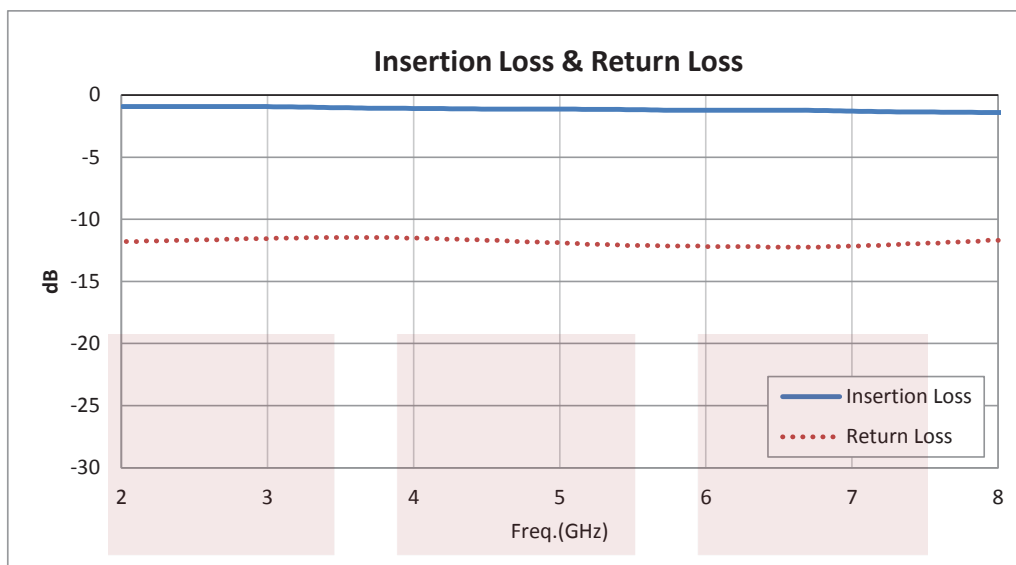
Notes:

- Values at 25°C, sea level.



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**Typical Performance Data**

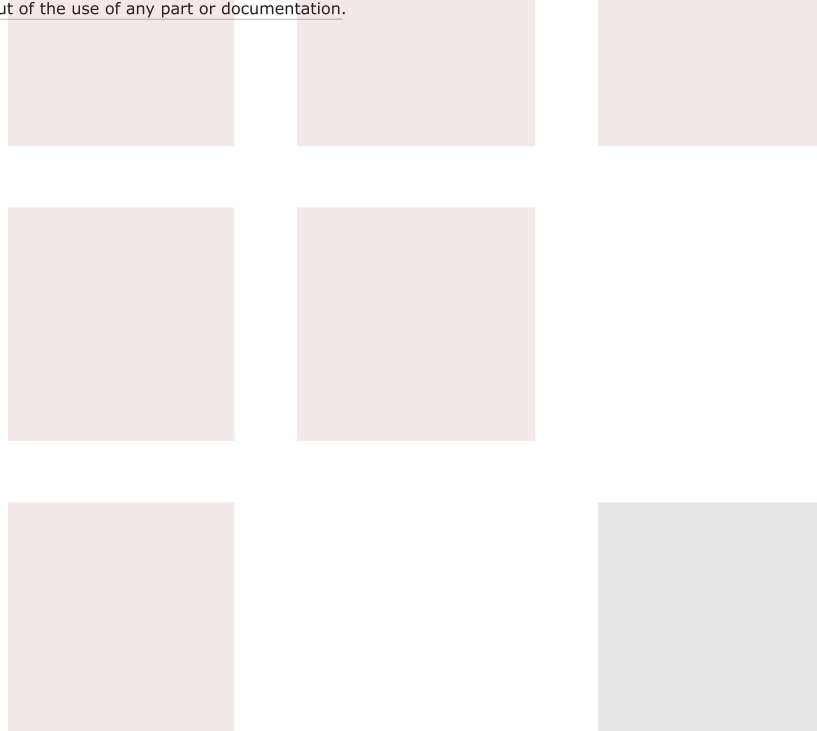


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For additional information on this product, please click the following link: [High Power Limiter, SMA, 100W Peak Power, 20 ns Recovery, 16 dBm Flat Leakage, 2 GHz to 8 GHz FMMT1021](#)

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