PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM–20M18G–15DBM–QFN IS AN RF LIMITER THAT OPERATES OVER THE 20 MHz TO 18 GHz FREQUENCY RANGE. THIS ITEM IS SUPPLIED IN A STANDARD 5x5 QFN 32 LEAD SMT PACKAGE.

SPECIFICATIONS:

- FREQUENCY: 20 MHz to 18 GHz
- INSERTION LOSS: 2.6 dB Max.
- INPUT POWER: +15dBm CW Max.
- RF LEAKAGE: +10 dBm Max.
- LIMITING THERSHOLD: +5dBm Min. (P1dB)
- VSWR IN/OUT: 2.0:1 Typ.
- RF INPUT/OUTPUT: DC Blocked
- PACKAGE: QFN 5x5 32L

<table>
<thead>
<tr>
<th>PINS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>RF INPUT</td>
</tr>
<tr>
<td>21</td>
<td>RF OUTPUT</td>
</tr>
<tr>
<td>ALL OTHERS</td>
<td>GND</td>
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</tbody>
</table>

ENVIRONMENTAL RATINGS

- TEMPERATURE: –40°C TO +85°C (OPERATING)
  -65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD–202F, METHOD 103B COND. B
- SHOCK: MIL-STD–202F, METHOD 213B COND. B
- VIBRATION: MIL-STD–202F, METHOD 204B COND. B
- ALTITUDE: MIL-STD–202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD–202F, METHOD 107D COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION.