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**IMPORTANT – MUST USE HEAT SINK IF CASE TEMPERATURE EXCEEDS 50°C**

<b>Specifications at 23°C</b>			
<b>Frequency:</b>	<b>4- 8 GHz</b>	<b>Output Power @ 1dB Comp. Pt:</b>	<b>+ 0 dBm</b>
<b>Gain:</b>	<b>23 dB min.</b>	<b>Voltage/Current: DC Power</b>	<b>+6 VDC @40 mA, nom.</b>
<b>Gain Flatness:</b>	<b>± 1.0 dB max</b>	<b>Measured Current:</b>	<b>39 mA</b>
<b>VSWR Input:</b>	<b>2.0:1</b>	<b>Max. Noise Figure:</b>	<b>0.7 dB</b>
<b>VSWR Output:</b>	<b>2.0:1 50 Ohms Impedance</b>	<b>Outline:</b>	<b>D4</b>
		<b>Model:</b>	<b>EM10047</b>

**Note: Test data taken with case temperature of 23°C**

<u>Frequency (GHz)</u>	<u>Gain (dB)</u>	<u>VSWR</u>		<u>Noise Figure (dB)</u>	<u>Output Power @ 1dB Comp. (+dBm)</u>
		<u>In</u>	<u>Out</u>		
4	26.2	1.96	1.68	0.69	2
5	26.5	1.39	1.74	0.58	1
6	26.4	1.23	1.47	0.55	1
7	25.9	1.25	1.24	0.55	1
8	25.6	1.45	1.26	0.68	1

Data taken at 23°C unless otherwise stated.

**COMMENTS:**

**TESTER:** \_\_\_\_\_

**DATE:** 8/15/2013