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| **Customer:** | **SOGO Electronics** | **Tested By:** | **H. Gonzales** |
| **SO No:** | **SO13-341-A-P** | Temperature: | **+25°C**  |
| **Model No:** | **PE2-30-4G8G-2R0-10-12-SFF** | **Date:** | **02/10/14** |
| **Serial No:** | **PL14676/1407** | **Drawing No:** | **27607584** | **Rev:** | **A1** |
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| **Test.****Item No** | PARAMETERS | **SPECIFIED VALUE** | **TEST****RESULTS** | **qa****qc** |
| 1 | Frequency Range: | 4.0 to 8.0 GHz | **4.0 to 8.0 GHz****(See Plot)** |  |
| 2 | Gain: | 27dB Typ. | **27.77dB Min.****28.69dB Max.(See Plot)** |  |
| 3 | Gain Flatness: | ±1.0dB Max. | **± 0.46dB****(See Plot)** |  |
| 4 | Noise Figure: | 2.0dB Max.  | **1.79dB @ 8 GHz(See Plot)** |  |
| 5 | Pout @ 1dB Compression: | +10dBm Min. |  **>10dBm** |  |
| 6 | VSWR:(Input/Output) | 2.0:1 Max | **Input 1.49:1****Output 1.41:1****(See Plot)** |  |
| 7 | DC Supply: | +12 to +15VDC @ 200mA Max. | **+12 to +15VDC @ 160mA**  |  |
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| **QA/QC Approval:** |  | **Date:** |  |

**Gain & Return Loss Plot**



**Noise Figure Plot**

