



MPA3013 Medium Power Amplifier

FEATURES

- Coax Power Amplifier
- ECCN: 3A001b.2.d

ELECTRICAL SPECIFICATIONS

| Parameter | Specification | Notes |
|----------------------------|-------------------------------------|-------|
| Operating Frequency Range | 26.5 - 40 GHz | |
| Output Power @ P1dB G.C.P. | 30 dBm Min | |
| Linear Gain | 36 dB Min | |
| Gain Flatness | ± 2.2 dB Typ / ± 3.5 dB Max | |
| Input VSWR | 2 : 1 Typ | |
| Noise Figure | 6 dB Typ | |
| DC Bias Voltage | 8 VDC Nom / 4.6 Amp Max | |

ENVIRONMENTAL CHARACTERISTICS

| Parameter | Specification | Notes |
|----------------------------|---------------|---------------|
| Operating Case Temperature | -20 to +60 °C | |
| Storage Temperature | -40 to +70 °C | Non-operating |

MECHANICAL SPECIFICATIONS

| Parameter | Specification | Notes |
|------------------------------|-------------------|-------|
| Dimensions (L x W x H) | 57 x 45 x 12.7 mm | |
| Input / Output RF Connectors | 2.9 mm K-Female | |

OUTLINE DRAWING

