

FEATURES

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



ELECTRICAL SPECIFICATIONS

Parameter	Specification	Notes
Operating Frequency Range	24 - 30 GHz	
Output Power @ Psat	32 dBm Typ	
Output Power @ P1dB G.C.P.	31 dBm Min	
Gain Flatness	±2.0 dB Typ	
Input VSWR	2 : 1 Typ	
Noise Figure	6 dB Typ	
Operating Voltage	9 VDC Nom	
Current Consumption	1.9 Amp Max	
Input Power Protection	+5 dBm Max	<10 Sec without damage
Load VSWR	10 : 1 Max	<1 minute at rated Pout

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)	40 x 40 x 12.7 mm	
Input / Output RF Connectors	2.9 mm K-Female	



MPA3002
Medium Power Amplifier

OUTLINE DRAWING