Part Number DM-LNMB-13-101
Low Noise Amplifier

Rev A
09/18/15

Electrical Specifications (+25°C):

Frequency	0.1 to 26.5 GHz
Small Signal Gain	13 dB min, 15 dB typ
Flatness	±2.0 dB max
Noise Figure (>500MHz)	5.5 dB max, 5 dB typ
P1dB	+15 dBm min
OIP3	+23 dBm typ
Input VSWR	2.2:1 nom
Output VSWR	2.2:1 nom
DC Power	+12 to +15 VDC, 200 mA nom
Max Input Power	+10 dBm CW

Features:

Internal Voltage Regulator

Mechanical Specifications:

Size (L x W x H) inches	0.89 x 1.05 x 0.39
Connectors (In/Out)	SMA female
Housing Material	Aluminum
Sealing	Hermetic
Cooling	External heatsink (not included)
Outline	001-0028

Environmental Specifications (by design):

Operating Temperature	-40 to +85°C
Storage Temperature	-54 to +85°C
Relative humidity	IAW MIL-STD-810F, up to 95%
Altitude	up to 30,000 ft
Shock	IAW MIL-STD-202G method 214, condition C

Test Data:

Gain, Flatness, Noise Figure, P1dB, VSWR, DC Power at +25°C

Classification:

ECCN	EAR99

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Delta Microwave's Quality Management System has been assessed by NSF-ISR and found to be in conformance with AS9100:2009, Rev. C.
Delta Microwave reserves the right to change specifications without notice. Please verify specification revision upon order placement.