Part Number DM-LNK-30-101
Low Noise Amplifier

Rev X2
09/18/15

E lectrical Specifications (+25°C):

Frequency	18 to 26.5 GHz
Small Signal Gain	28 min
Flatness	±2.0 dB max
Noise Figure	3.5 dB max
P1dB	+8 dBm min
Input VSWR	2.0:1 nom
Output VSWR	2.0:1 nom
DC Power	+12 to +15 VDC, 140 mA nom
Max Input Power	+5 dBm CW

Features:

Internal Voltage Regulator

Mechanical Specifications:

Size (L x W x H) inches	0.998 x 0.75 x 0.365 inches
Connectors (In/Out)	K female
Sealing	Epoxy
Cooling	External heatsink (not included)
Outline	001-0052

Environmental Specifications (by design):

Operating Temperature	-20 to +75C
Storage Temperature	-55 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

Delta Microwave

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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.