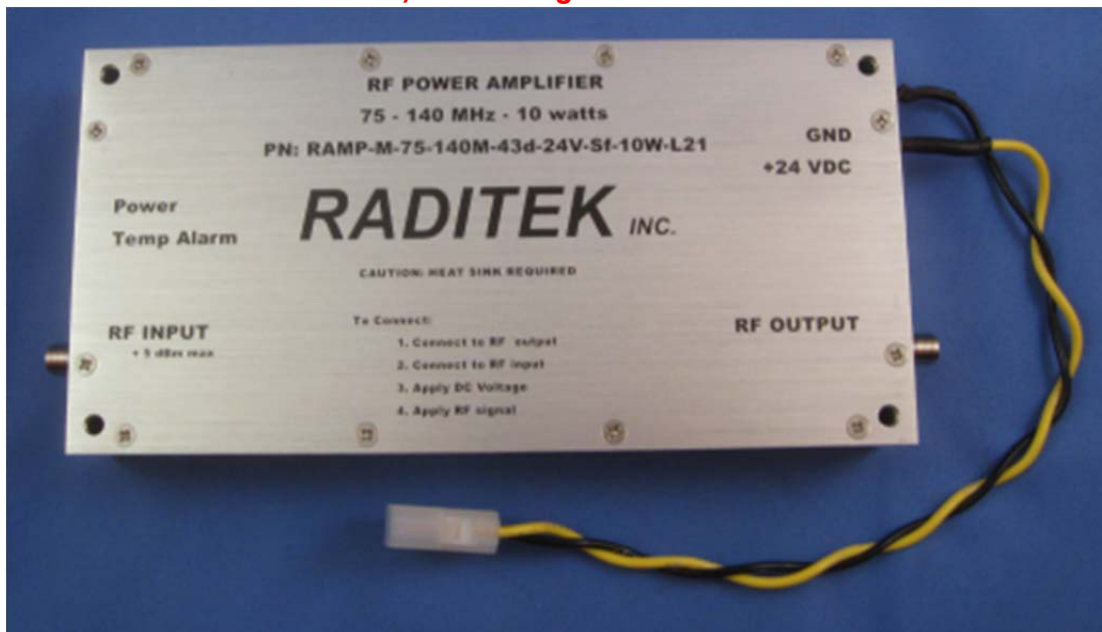


Amplifier Module, 75-140MHz 43dB Gain, 24Volts, SMA female Connectors, 10Watts (40dBm)

This is a Controlled document, All Changes must be coordinated with the Customer



5 YEAR WARRANTY

Order Examples: RAMP-M-75-140M-43d-24V-Sf-10W-L21

Description: (Amplifier, Module, 75-140MHz, 43dB Gain, 24Volts, SMA female Connectors, 10Watts, 40dBm)

units are internally protected and handles VSWR in Open and Short situations.

Specifications	
Frequency	75-140 MHz
Power Out – Psat	10W (40.dBm)
Fixed Gain	43dB $\pm$ 2dB
Gain Flatness	+/- 2 dB
Impedance	50 ohms
Harmonics 2 nd	-25dBc
Harmonics 3 rd	-25dBc
Class	AB
Input and Output VSWR	2:1
NF	<6dB
Supply Voltage	24 +/- 1 Volts DC
Current	0.9A (1.5amps max)*.
DC Input	2Pin Molex
Operating Case	-20 to +75°C
RF Connector	SMA female
Dimension	6 X 3 X 1.05 inches

*Note High Efficiency DC current < 0.9A

RAMP-M-75-140M-43d-24V-Sf-10W-L21

Specifications may be subject to change

09/13/16

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

Tel: (408) 266-7404

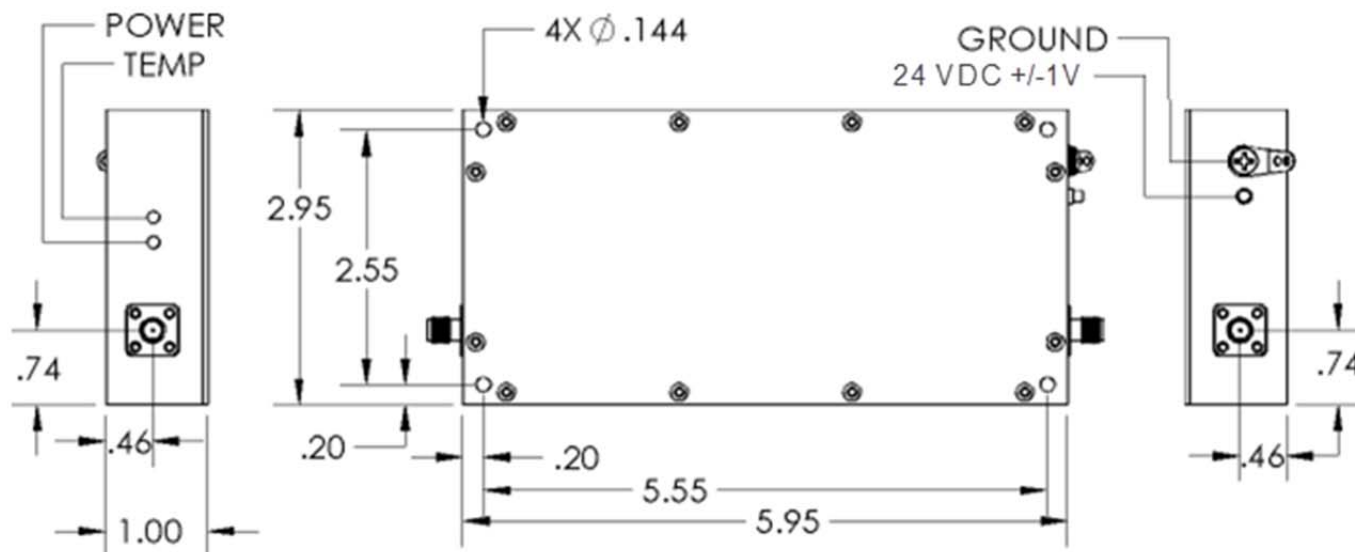
FAX: (408) 266-4483

WEB: www.raditek.com

E-mail: sales@raditek.com

Amplifier Module, 75-140MHz 43dB Gain, 24Volts, SMA female Connectors, 10Watts (40dBm)

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Relative phase change between units.

0 degrees +/- 15 deg measured at 100MHz

Parts to have a Serial # label to be added close to IP SMA connector so it can be read from the front

DC bias connection molex connector P# 03-06-2024, Terminals are male crimp molex P# 02-06-6103 With interconnect wire 6 inches long.

Yellow is hot, black is common.



CONNECTOR
DETAIL