

FEATURES:

- DC ~ 4 GHz
- Attenuation: 8.3 dB
- Max VSWR: 1.20:1
- Max CW RF Power: 20 W
- Miniature Size
- RoHS Compliant
- Designed to meet MIL-STD-202g
- Made in USA

Applications:

- High Power Test
- Power Monitoring



LATTN04A, DC ~ 4 GHz 20 Watt Precision Attenuator

ELECTRICAL SPECIFICATIONS @ 25°C

Parameters	Min	Typ.	Max.	Unit
Frequency	DC		4	GHz
Attenuation	7.8	8.3	8.8	dB
VSWR - Input		1.10:1	1.20:1	Ratio
VSWR - Output			1.25:1	Ratio
RF CW Input Power			20	W
RF CW Output Power			10	W

ABSOLUTE MAXIMUM RATINGS¹

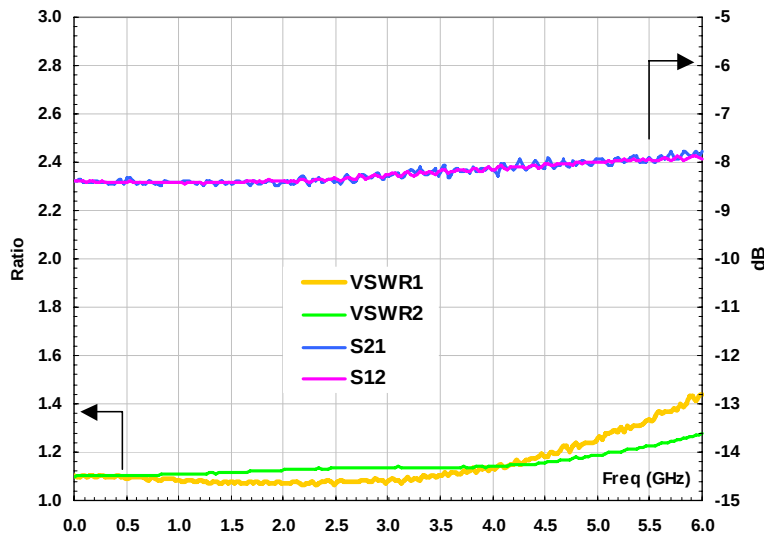
Parameters	Ratings	Unit
RF Peak Power	500	W
Thermal Resistance, Junction to Case	2.5	°C/W
Operating Temperature	-54 ~ +85	°C
Storage Temperature	-65 ~ +150	°C

[1] Operation beyond any one of these parameters may cause permanent damage

ADDITIONAL HEAT SINK REQUIRED AND AVAILABLE!

ELECTRICAL PERFORMANCE

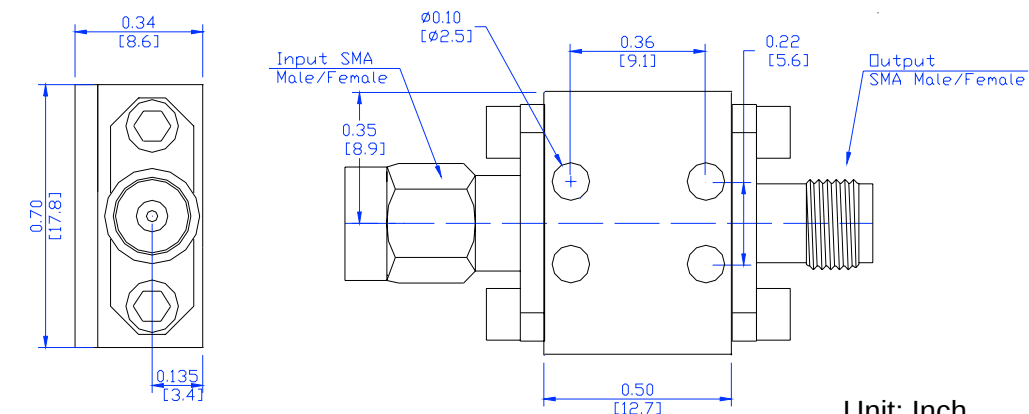
Attenuation & VSWR @ 25°C



ORDERING INFORMATION:

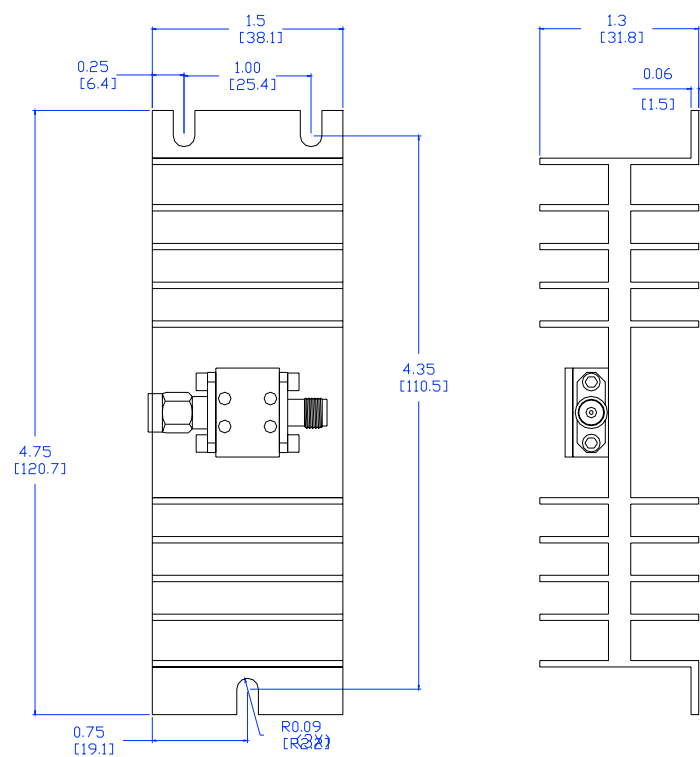
Model Number	SMA Connector Input/Output	Heat Sink
LATTN04A-1	Male/Female	No
LATTN04A-2	Female/Male	No
LATTN04A-3	Male/Male	No
LATTN04A-4	Female/Female	No
LATTN04A-1-H	Male/Female	Yes
LATTN04A-2-H	Female/Male	Yes
LATTN04A-3-H	Male/Male	Yes
LATTN04A-4-H	Female/Female	Yes

MECHANICAL OUTLINE



Unit: Inch
[mm]

Tolerance:
X.XX: ± 0.01 "
X.XXX: ± 0.005 "



Housing:
Base Material: Bradd
Finish: Gold Plating

Heat Sink:
Base Material: Aluminum
Finish: Black Anodized