

FEATURES:

- DC ~ 3.0 GHz;
- 30.0 dB Attenuation;
- Max 200 W Input CW Power Handling;
- VSWR: 1.22:1 Max;
- Designed to meet MIL-STD-202g;
- RoHS Compliant;
- **MADE IN USA.**

APPLICATIONS:

- Test & Measurement;



LATTN03E: DC ~ 3.0 GHz 200W, 30 dB PRECISION ATTENUATOR

ELECTRICAL SPECIFICATIONS @ 21 °C

Item	Parameters/Conditions	Unit	Min	Nom	Max
F	Operating Frequency	GHz	DC		3.0
IL	Attenuation	dB	29	30	31
Δ IL	Attenuation Accuracy	dB		± 0.5	± 1.0
P _{IN,MAX,C}	Input Maximum CW PWR	W			200
P _{IN,MAX,P}	Input Maximum Pulse Wave PWR, 8% duty cycle	W			2000
P _{OUT,MAX}	Output Maximum CW PWR	W			200
P _{OUT,MAX,P}	Input Maximum Pulse Wave PWR, 8% duty cycle	W			2000
VSWR	Input & Output VSWR	Ratio			1.22:1
Z ₀	Impedance	Ohm		50	

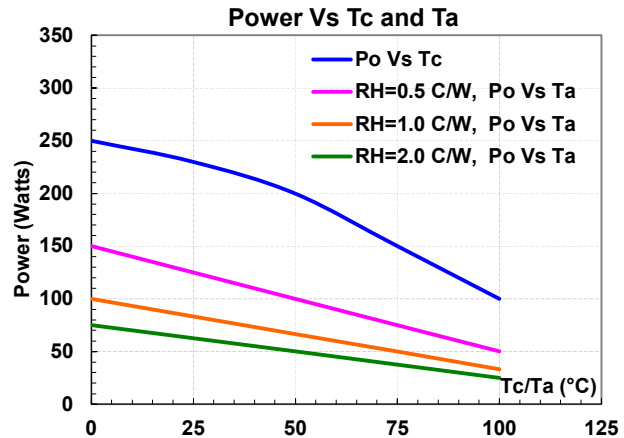
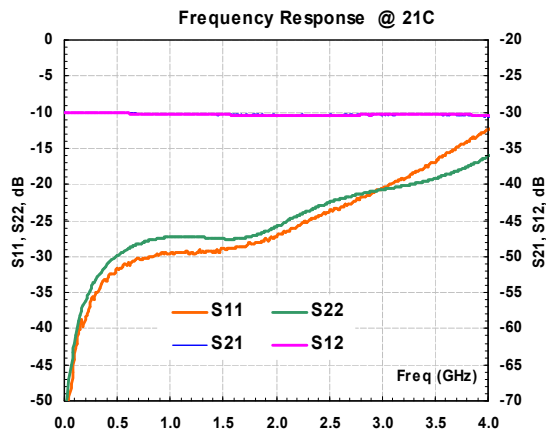
ABSOLUTE MAXIMUM RATINGS*

Parameters/Conditions	Unit	Max
Input/Output Maximum CW PWR	W	200
Maximum Case Operating Temp	°C	85
Thermal Resistance, Junction to Case	°C/W	0.5

*Operation beyond any one of these parameters may cause permanent damage

Additional Heat Sink Required!

TYPICAL PERFORMANCE



Tc: Case Temperature

Ta: Ambient Temperature

RH: Heat sink thermal resistance, case to ambient

