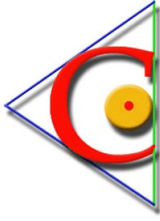


FEATURES:



- 30 ~ 500 MHz;
- 0.20 dB Insertion Loss;
- 1.15:1 VSWR;
- Max. 20 W CW RF Input Power;
- Max. 200 W Pulse RF Input Power;
- Max. 19 dBm Psat Output;
- RoHS Compliant;
- Made In USA.

ORDERING INFORMATION:

Model	Input (SMA)	Output (SMA)
LLTR00300500A-1	Female	Female
LLTR00300500A-2	Male	Female
LLTR00300500A-3	Female	Male
LLTR00300500A-4	Male	Male

LLTR00300500A – 30 ~ 500 MHz LIMITER

ELECTRICAL SPECIFICATIONS @ 21°C

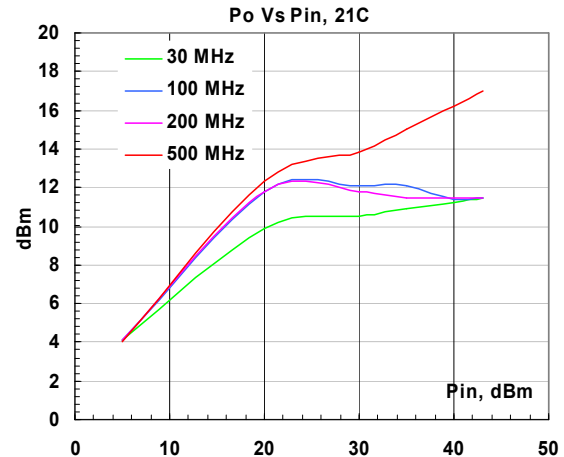
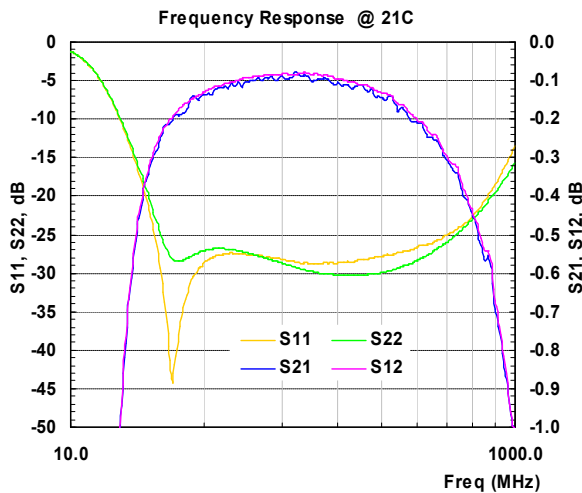
Symbol	Parameters/Conditions	Unit	Min	Typical	Max
F	Passband	MHz	30		500
IL	Insertion Loss	dB		0.20	0.35
Δ IL	IL Flatness	dB		± 0.05	± 0.1
S ₁₁	Input Return Loss	dB	20	30	
S ₂₂	Output Return Loss	dB	20	30	
P _{sat}	Output Limiting Level	dBm			19
P _{IN,CW}	Input CW RF Power	W			20
P _{IN,P}	Input Pulse RF Power, 8% Duty	W			200
IMD ₃	Output-Third-Order Products	dBm		-90	

ABSOLUTE MAXIMUM RATINGS¹

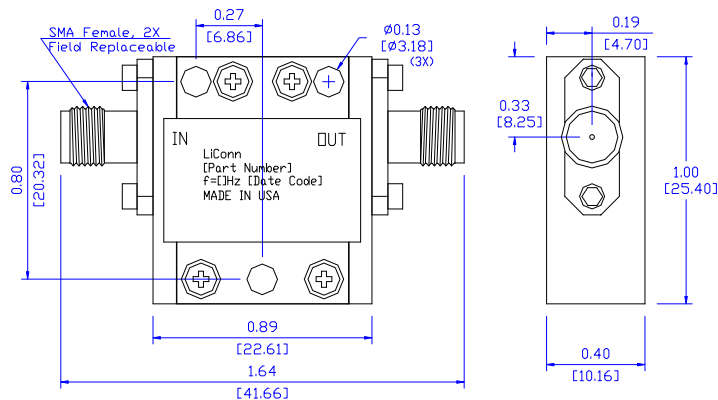
Parameters/Conditions	Unit	Maximum
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-55 ~ +150

[1] Operation beyond these limits may cause permanent damage.

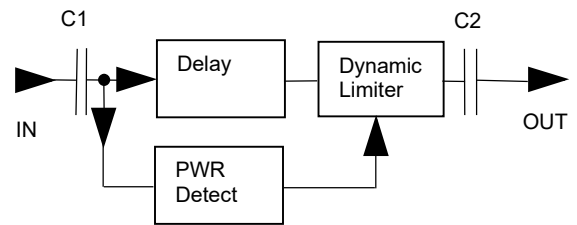
TYPICAL PERFORMANCE



MECHANICAL OUTLINE



BLOCK DIAGRAM



Unit: INCH Base Material: Brass
 [mm] Finish: Gold Plating
 Tolerance: X.XX ± 0.01 "
 X.XXX ± 0.005 "