



WAVEGUIDE HIGH POWER LIMITER

MLT030031H10KK

FEATURES

- High Power Handling
- Low Limiting Threshold
- Low Leakage Level
- Miniature Sizes

APPLICATIONS

- Front End Protection for LNA's
- Power Leveling (Limiting)
- Receiver Protection
- Radar&EW system



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	3.08		3.12	GHz
Peak Power handling			1000	KW
Pulse Width			3	Us
duty Cycle			0.105	%
insertion Loss			1	dB
Flatness Leakage			50	mW
Spike Leakage			2	Watt
VSWR			20:1	Ratio
recovery Time			40	Us

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating temperature	-40		+75	°C
Non-operating Temperature	-55		125	°C
Relative humidity(non-condensing)	-95		98	%
Altitude (MIL-STD_810F)	10000		30000	feet
Shock/Vibration(MIL-Std_810F)		Airbone		
Pressurization	30			Psig

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	55*93*75	Max	Millimeter
Weight	300	Max	gram
RF Connectors Input	BJ-32		
RF Connectors output	BJ-32		



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OUTLINE DRAWING(mm):

