



WAVEGUIDE HIGH POWER LIMITER

MLT091096H8KW

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	9.1		9.6	GHz
Power handling CW			8	KW
Average Power handling			400	Watt
insertion Loss			0.8	dB
Flatness Leakage			20	mW
Spike Leakage			100	Watt
VSWR Input/Output			1.4	Ratio
3dB recovery Time			1	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	42*61*56	Max	Millimeter
Weight	300	Max	gram
RF Connectors Input	WR90		
RF Connectors output	WR90		



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OUTLINE DRAWING(mm):

