



WAVEGUIDE HIGH POWER LIMITER MLT092096H050K

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	9.2		9.6	GHz
Peak Power handling			5	KW
Pulse Width	100		140	ns
duty Cycle			0.05	%
insertion Loss			1	dB
Flatness Leakage			1	Watt
Spike Leakage			5	Watt
VSWR Input/Output			1.3:1	Ratio
Transmitter Rise Time	25			ns
Recovery Time			0.8	Us

Note:Peak Power: Overloaded- 30 KW max (in case of antenna port open)

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating temperature	-40		+70	°C
Non-operating Temperature	-40		+70	°C
Relative humidity(non-condensing)	-95		98	%

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	61*42*42	Max	Millimeter
Weight	100	Max	gram
RF Connectors Input	WR-90		
RF Connectors output	SMA-F		



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OUTLINE DRAWING(mm):

