



WAVEGUIDE HIGH POWER LIMITER

MLT031029H10KK

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	2.965		3.115	GHz
Peak Power handling			1000	KW
Pulse Width			1	Us
duty Cycle			0.035	%
Insertion Loss			1	dB
Flatness Leakage			60	mW
Spike Leakage			2	Watt
VSWR			1.4:1	Ratio
3dB Recovery Time			15	Us

Note:Type:PTR.

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	265*115.5*108	Max	Millimeter
Weight	1.5	Typ	Kg
RF Connectors Input	FDP-32		
RF Connectors output	FDP-32		



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OUTLINE DRAWING(mm):

