



WAVEGUIDE HIGH POWER LIMITER

MLT148152H050K

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	14.8		15.2	GHz
Peak Power handling			5	KW
Pulse Width			0.7	Us
duty Cycle			0.1	%
insertion Loss			1.2	dB
Flatness Leakage			40	mW
Spike Leakage			2	Watt
VSWR			1.5:1	Ratio
recovery Time			2	Us

Note:Type:TRL.

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	48.5*47.3*50.5	Max	Millimeter
Weight	300	Max	gram
RF Connectors Input	BJ-140		
RF Connectors output	BJ-140		



WAVEGUIDE HIGH POWER LIMITER MLT148152H050K

OUTLINE DRAWING(mm):

