



WAVEGUIDE HIGH POWER LIMITER

MLT160170H010K

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	16		17	GHz
Peak Power			1	KW
Pulse Width			7.5	µs
Duty Cycle			10	%
Insertion Loss			1.3	dB
Flatness Leakage			20	mW
Spike Leakage			2	Watt
VSWR			1.4	Ratio
Recovery Time			3	µs

Note:Type:TRD.

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

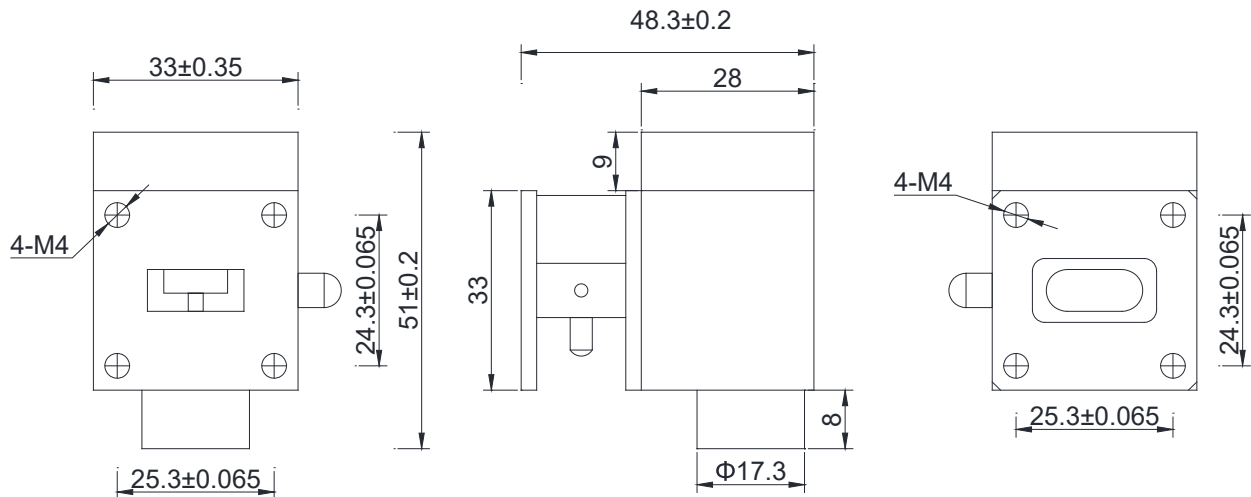
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	48.3*51*33	Max	Millimeter
Weight	300	Max	gram
RF Connectors Input	BJ-140		
RF Connectors output	BJ-140		



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OUTLINE DRAWING(mm):



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