



WAVEGUIDE HIGH POWER LIMITER

MLT027030H07KK

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	2.75		3.05	GHz
Peak Power handling			700	KW
Pulse Width			46	Us
duty Cycle			1.4	%
insertion Loss			0.7	dB
Flatness Leakage			10	mW
Spike Leakage			2	Watt
VSWR			1.35:1	Ratio
recovery Time			14	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:

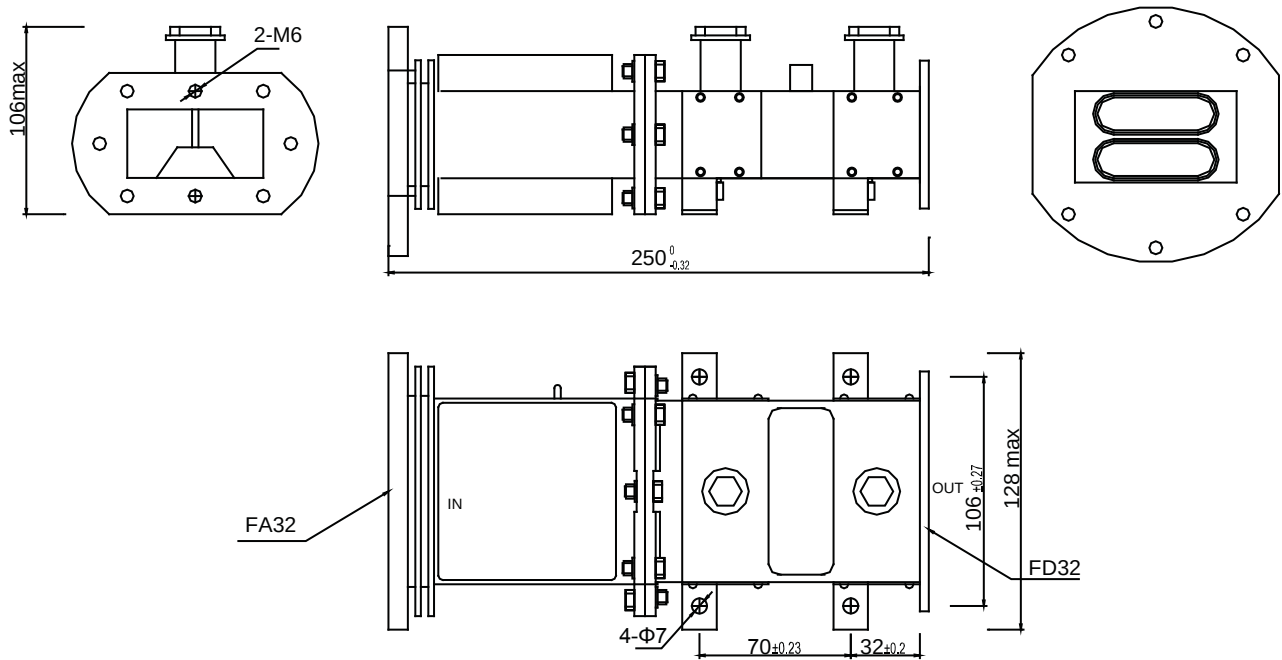
Parameter	Value	Limits	Units
Dimensions	250*128*106	Max	Millimeter
Weight	1.5	Max	Kg
RF Connectors Input	FA-32		
RF Connectors output	FD-32		



WAVEGUIDE HIGH POWER LIMITER

MLT027030H07KK

OUTLINE DRAWING(mm):



WL19