RADITEK INC.

RoHS COMPLIANT

code-r12

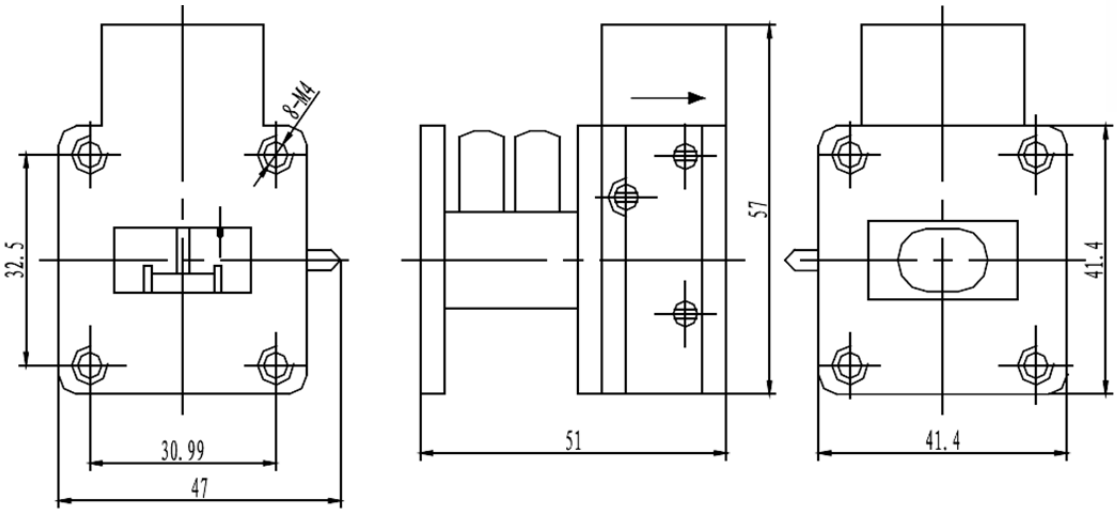
Waveguide Limiter, 9.1-9.6 GHz, WR90 Package, 8 Kilowatts Peak

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



Units: mm
Not to scale

Order Examples: **RLIM-9.1-9.6-WR90-8kW-Pk-r12**
Description: *(Waveguide Limiter, 9.1-9.6 GHz, WR90 Package, 8 Kilowatts Peak)*

Specifications		Units
Frequency range	**9.1-9.6**	GHz
Peak Power Handling	8	kW
Average Power Handling	400	Watts
Insertion loss	0.8	dB max.
Flatness Leakage	20	mW
Speak Leakage	100	mW
VSWR Input/ Output	1.40	:1 max.
Recovery time	1	us
Operating Temperature	-40 to +75	°C
Non-operating Temperature	-55 to +125	°C
Relative humidity (non-condensing)	95	% typ.
Altitude (MIL-STD_810F)	10000-30000	feet
Shock/Vibration(MIL-Std_810F)	Airborne	
RF Connectors Input/ Output	WR90	
Weight	800	gram

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