Waveguide Limiter, 2.9-3.1 GHz

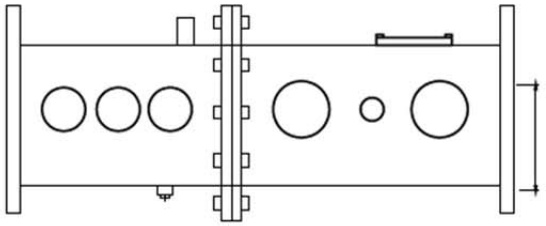
WR284 / FDP32, 70, 200 Watts Average, 2 Kilowatts Peak

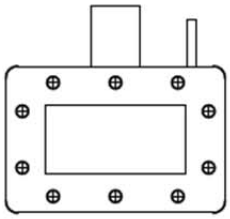
FEATURES

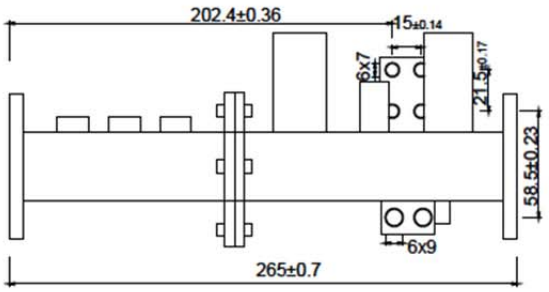
- High Power Handling
- Low Limiting Threshold
- Low Leakage Level
- Miniature Sizes

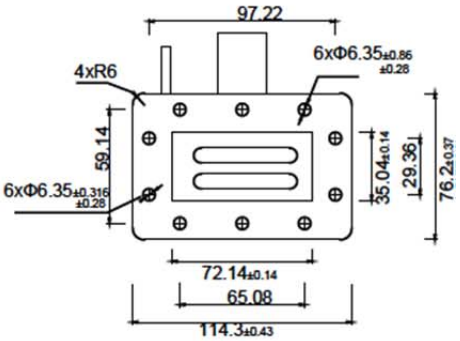
APPLICATIONS

- Front End Protection for LNA's
- Power Leveling (Limiting)
- Receiver Protection
- Radar&EW system









Units: mm
Not to scale

Order Examples: **RLIM-2.9-3.1-WR284-200W-2KW-Pk-r12**
Description: *(Waveguide Limiter, 2.9-3.1 GHz, WR284 Wave guide, 200 Watts Average, 2 Kilowatts Peak)*

Electrical Specifications @25°C			**Units**
Frequency range		**2.9-3.1**	**GHz**
Peak Power Handling		2	KW max
Overload Power Handling		70, 200	W max
Pulse width		110	µS max
Duty Cycle		4	% max
Insertion loss		1	dB max
Flatness Leakage		50	mW max
Spike Leakage		100	mW max
VSWR Input/ Output		1.40:1	:1 max
Recovery time @ 110Usec Pulse width		5	µS max
Environmental			
Operating temperature		-40 to +75	°C
Non-operating Temperature		-55 to +125	°C
Relative Humidity (non-condensing)		-95 to +98	%
Altitude (MIL-STD_810F)		10,000 to 30,000	feets
Shock/Vibration (MIL-STD_810F)		Airbone	
Pressurization		30	Psig min
RF Connectors	Input	WR284 / FDP32	
	Output	WR284 / FDP32	
Dimensions		265 x 115.5 x 108	mm
Approximate Weight		0.5	Kg.Max

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