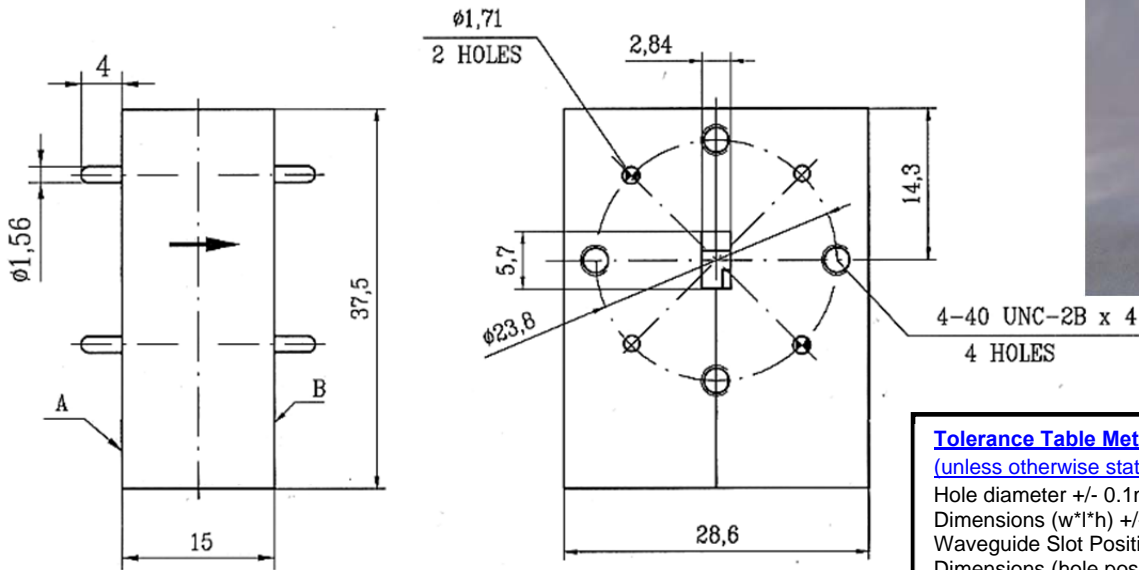


Waveguide Isolator, 33-50GHz or 40-50GHz WR22 package, UG383/U Flange, 0.5Watt or 1Watt



Units: mm
Not to scale

Tolerance Table Metric (inch)

(unless otherwise stated):

Hole diameter +/- 0.1mm, (+/- 0.004")

Dimensions (w*h) +/- 0.3 mm, (+/- 0.015")

Waveguide Slot Position, +/- 0.1mm, (+/- 0.04")

Dimensions (hole position) +/- 0.1mm, (+/- 0.04")

Machined surfaces

Flatness 0.025/mm, (0.001/ inch)

Bend radius 0.8mm, (0.031" or 1/32")

Direction of RF:	
R	Default →
L	←

Order Examples: **RADI-40-50-WR22-UG383/U-1WR-b**
I=ISOLATOR

Specifications:

Frequency GHz	Insertion loss dB (max)	Isolation dB (min)	VSWR	Forward Power Watts	Reverse Power Watt	Operating Temp °C	Waveguide	Waveguide Flange	Size mm
33-50	0.7	13	1.60:1	0.5	0.5	Room	WR22	UG-383/U	15x37.5x28.6
40-50	0.4	20	1.25:1	1	1	0 to +50	WR22	UG-383/U	15x37.5x28.6
42.5-46.0	0.4	20	1.25:1	1	1	-10 to +50	WR22	UG-383/U	15x37x28.85
43-46	0.4	20	1.25:1	1	1	-10 to +50	WR22	UG-383/U	15x37x28.85