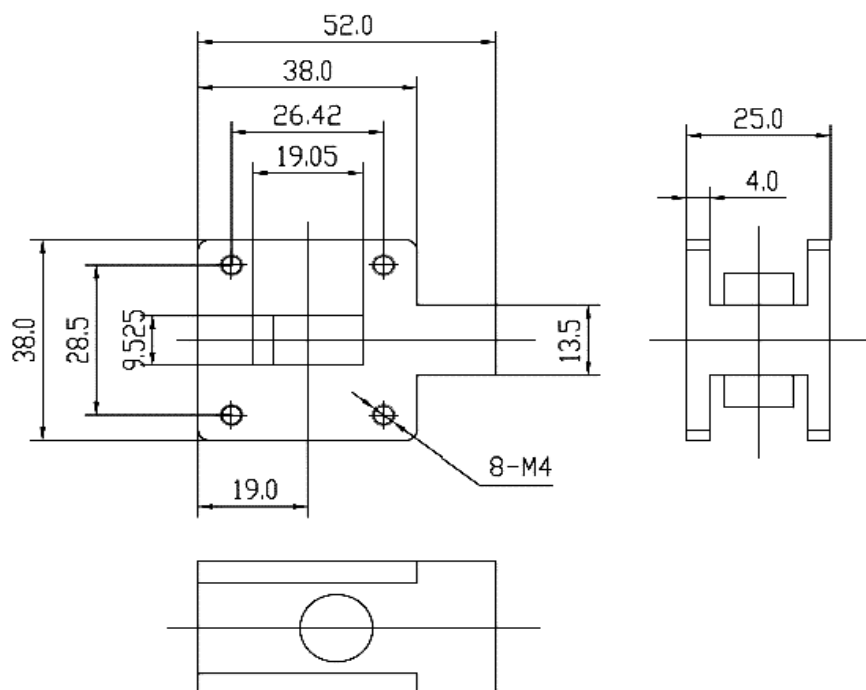


Waveguide Isolator, 10.7-15.0GHz, Split bands WR75 package, 1, 2 or 3 Watts Reverse/ 1, 5 or 25Watts Forward Power



Tolerance Table Metric (inch)

(unless otherwise stated):

Hole diameter $\pm 0.1\text{mm}$, ($\pm 0.004''$)

Dimensions (w*h) $\pm 0.3\text{ mm}$, ($\pm 0.015''$)

Dimensions (Waveguide Slot Position, $\pm 0.1\text{mm}$, ($\pm 0.04''$))

Dimensions (hole position) $\pm 0.1\text{mm}$, ($\pm 0.04''$)

Machined surfaces

Flatness 0.025/mm, (0.001/ inch)

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

Units: mm

Not to scale

Direction of RF:

R	Default	▶
L		◀

Order Examples: RAD**I**-14-15-WR75-2WR (25W Fwd)-d
I=ISOLATOR

Specifications:

Frequency GHz	Insertion loss dB (max)	Isolation dB (min)	VSWR	Reverse Power Watts	Forward Power Watts	Operating Temp °C	Waveguide Package
10.7-12.8	0.40	20 19	1.25:1	3	5	+25 -30 to +70	WR75
10.95-12.75	0.40	20 18	1.25:1 1.30:1	1	1	+25 -40 to +80	WR75
13.0-14.5	0.4 0.5	20 18	1.25 1.30	1	1	room -35 to +80	WR75
13.75-14.5	0.25 0.30	21 20	1.20:1 1.25:1	1	1	+25 -40 to +80	WR75
14.0-14.5	0.30 0.30	23 21	1.20:1 1.20:1	2	25	+25 -30 to +70	WR75
14.0-15.0	0.40	20	1.25:1	2	25	-30 to +70	WR75

RADI-10.7-15-WR75-1-3WR(1-25W Fwd)-Generic-d

Specifications may be subject to change

05/21/12

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