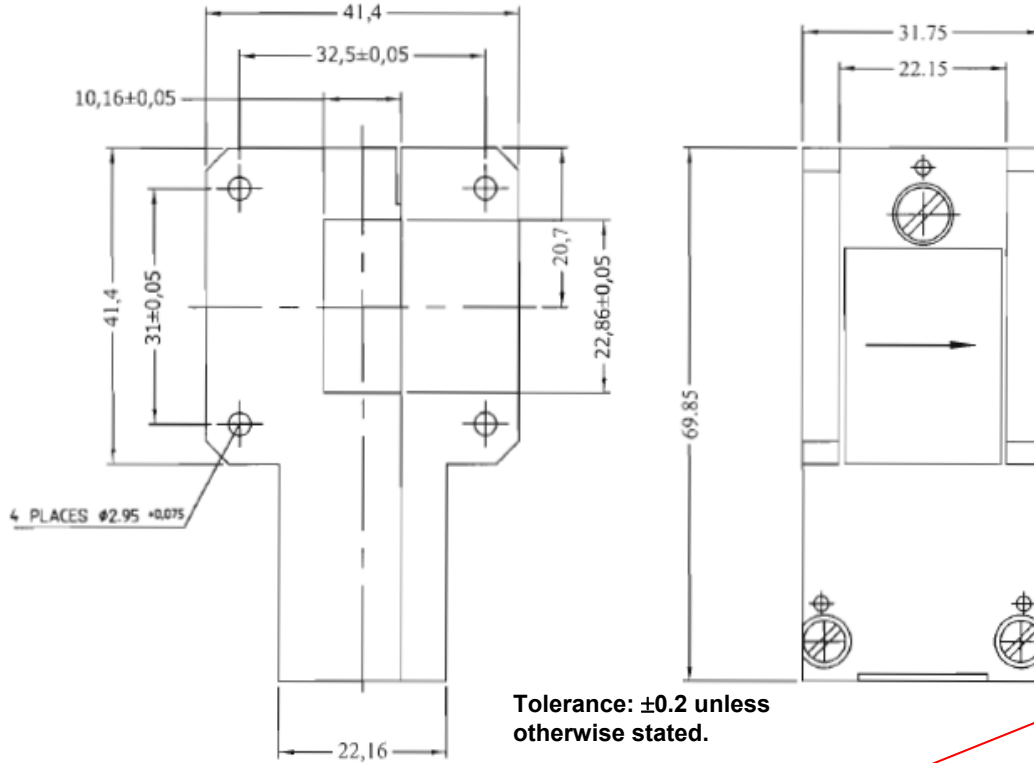


Isolator, Waveguide, 8.0-12.4 GHz, Split Bands WR90, 0.5 to 1 Watt



Units: mm
Not to scale

WG Flange Interface

Hole Options-X (per flange)

- 1 **4** off 4-40 UNC 2B
0.17"(4.32) deep
- 2 **4** Thru holes
0.116/.110 dia +/-0.01;
- 3 **4** off M3 x 5-6H
(5 pitch, 6H thread class)
x 0.280"(7.1) deep
- 4 **4** off 6-32 UNC Thru
- 5 **4** Thru holes 0.169"
(4.3mm)

Direction of RF:	
R	Default ▶
L	◀

Order Examples: **RADI-8-12-WR90-1WR-3-e**
I=ISOLATOR

Specification					Units
Frequency	8.0-12.0	8.2-12.0	8.2-12.4	8.2-12.4	GHz
Insertion loss	0.3 / 0.5	0.4	0.5	0.5	dB max
Isolation	20 / 18	17	17	15	dB min
VSWR	1.22:1 / 1.3:1	1.35:1	1.35:1	1.5:1	
Forward Power	1	1	2	1	Watt CW
Power Load	1	1	0.5	1	Watt
Operating Temperature	+25 / +10~+70	+15~+35	-15~+35	-15~+35	°C
Materials	Aluminum	Aluminum	Aluminum	Aluminum	
Finish	Chemical Film	Chemical Film	Chemical Film	Chemical Film	
Waveguide Flange	WR90/UBR-100	WR90/UBR-100	WR90/UBR-100	WR90/UBR-100	