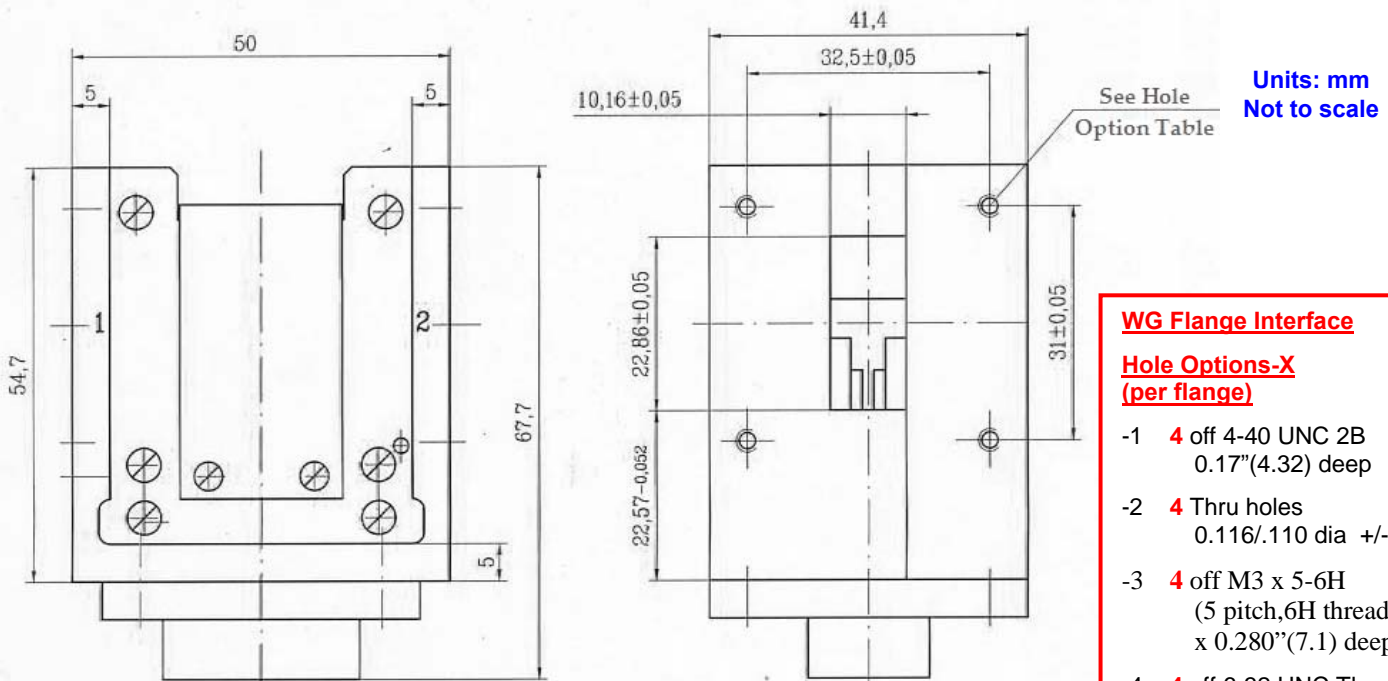


Isolator, Waveguide, 8.2-12.4GHz, (Full or Split bands) WR90, 1 Watt



Units: mm
Not to scale

Tolerance: ± 0.2 unless otherwise stated.
Material: Aluminum + Chemical film or Brass+ Silver Plating

WG Flange Interface

Hole Options-X (per flange)

- 1 4 off 4-40 UNC 2B
0.17"(4.32) deep
- 2 4 Thru holes
0.116/0.110 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-8.2-12.4-WR90-1WR-3-b**
I=ISOLATOR

Specifications:

Frequency MHz	Insertion loss dB (Typ / max)	Isolation dB (min)	VSWR	Reverse Power Watts	Forward Power Watts	Operating Temp °C	Waveguide / Flange
8-12	0.3 0.5	20 18	1.22:1 1.3:1	1	1	+25 +10~+70	WR90
8.2-12.4	0.2 / 0.3	20	1.22:1	1	1	+15~+35	WR90 / UBR-100
9.36-9.84	0.2	24	1.15:1	1	1	+15~+35	WR90 / UBR-100