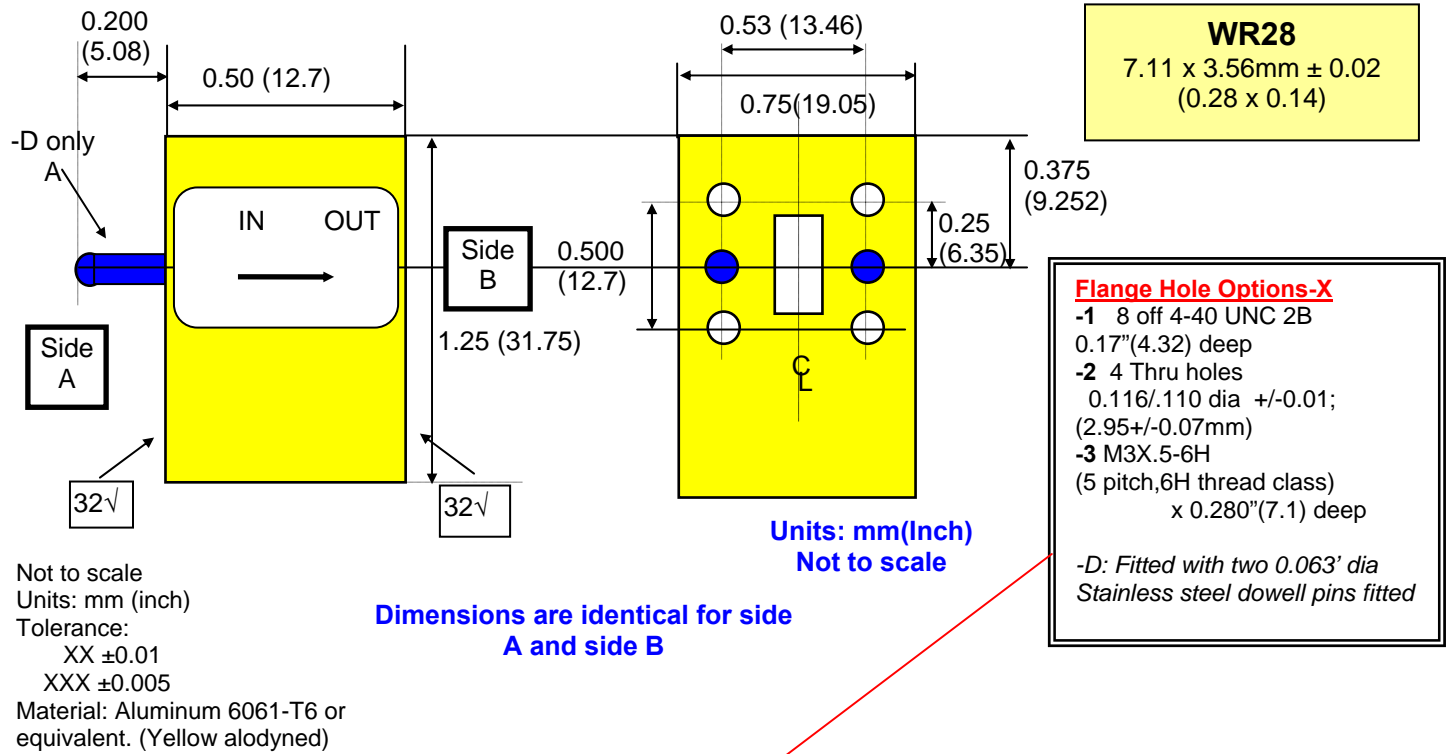


Waveguide Isolator, WR28, 36.0-40GHz, Part Bands under 10% bandwidth, 0.5-1Watt Reverse Power



Direction of RF:	
R	Default ▶
L	◀

Order Examples: **RADI-36.0-36.8-WR28-1WR-1**
I=ISOLATOR / C=CIRCULATOR

Specifications					Units
Frequency	37.0-40	36.0-36.8	38.0-40.0	38.6-40.0	GHz
% bandwidth	8.1%	2.2%	5.3%	3.6%	
Insertion loss	0.30	0.20 (typical) 0.30 (max)	0.30 (typical) 0.35 (max)	0.20 (typical) 0.25 (max)	dB
Isolation	20	20	20	20	dB
Return loss (VSWR)	17 (1.3:1)	17 (1.3:1)	19 (1.25:1)	17 (1.3:1)	
Rated forward & reverse power	0.5W	0.5W	1 (average)	0.5W	Watt (average)
Operating temperature	-30 to 70	-30 to 70	-30 to 80	-30 to 70	°C
Humidity	95 (at 50°C)	95 (at 50°C)	95 (at 50°C)	95 (at 50°C)	%
Waveguide, Flange	UG599/U	UG599/U	UG599/U	UG599/U	
Vibration	1G				max (sine)
Shock	25G				Max as ETS-019-1-4
RF Leakage	-60				dBc min

RADI-36.0-40.0-WR28(-H)-Generic celeritek UK Specifications may be subject to change 06/25/12

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.
Tel: (408) 266-7404 FAX: (408) 266-4483
WEB: www.raditek.com E-mail: sales@raditek.com