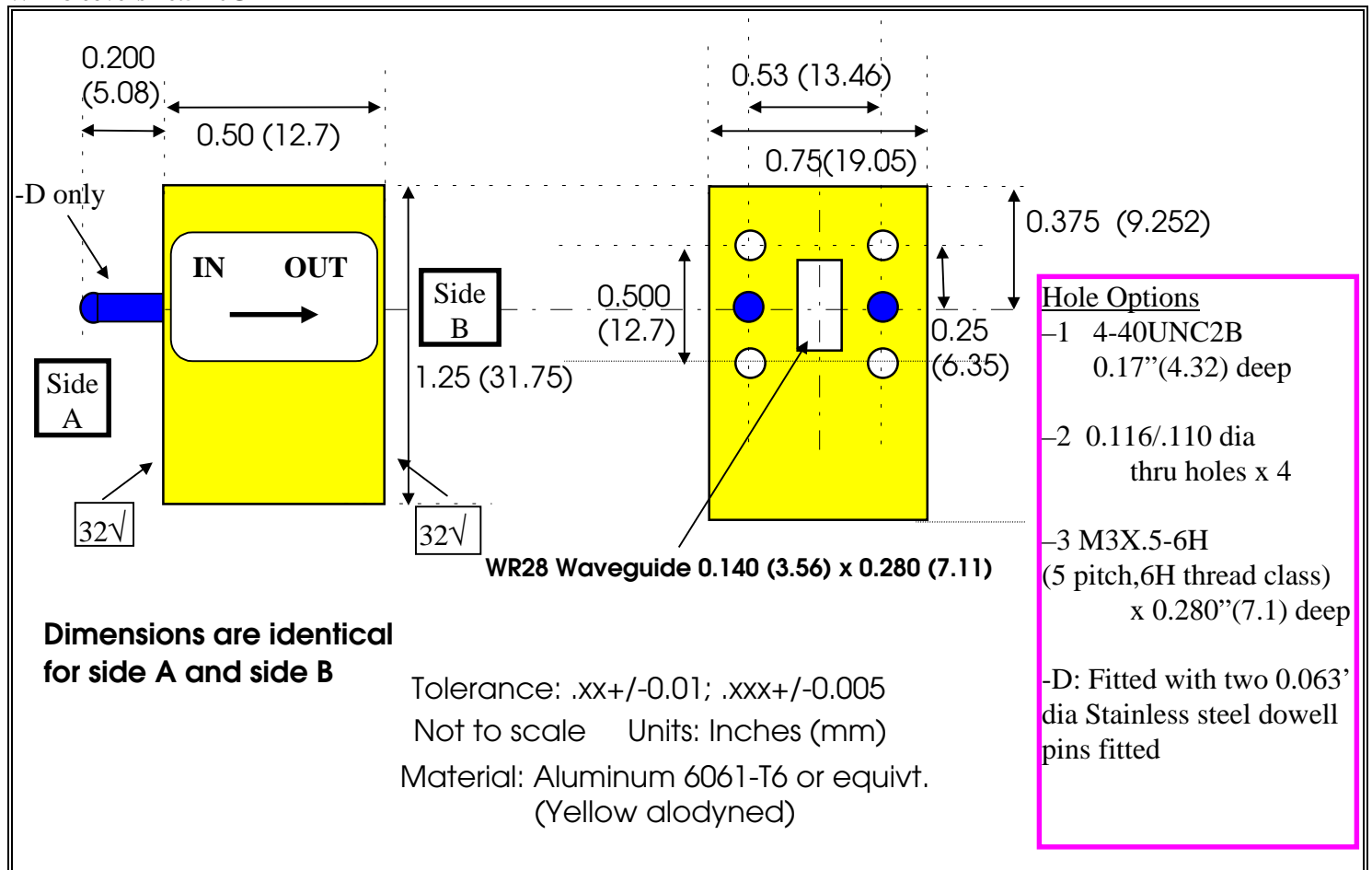


## Isolator, Waveguide, 37.0-40.0 GHz

(under 10% bandwidth)

### RADI-37.0-40.0-WR28-1W

WR28 covers 26.5-40GHz



Specifications may be subject to change

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)	%
Interface waveguide, Flange	WR28- UG599/U	WR28- UG599/U	WR28- UG599/U	WR28- UG599/U	
Vibration	1G				max (sine)
Shock	25G				Max as ETS-019-1-4
RF Leakage	-60				dBc min