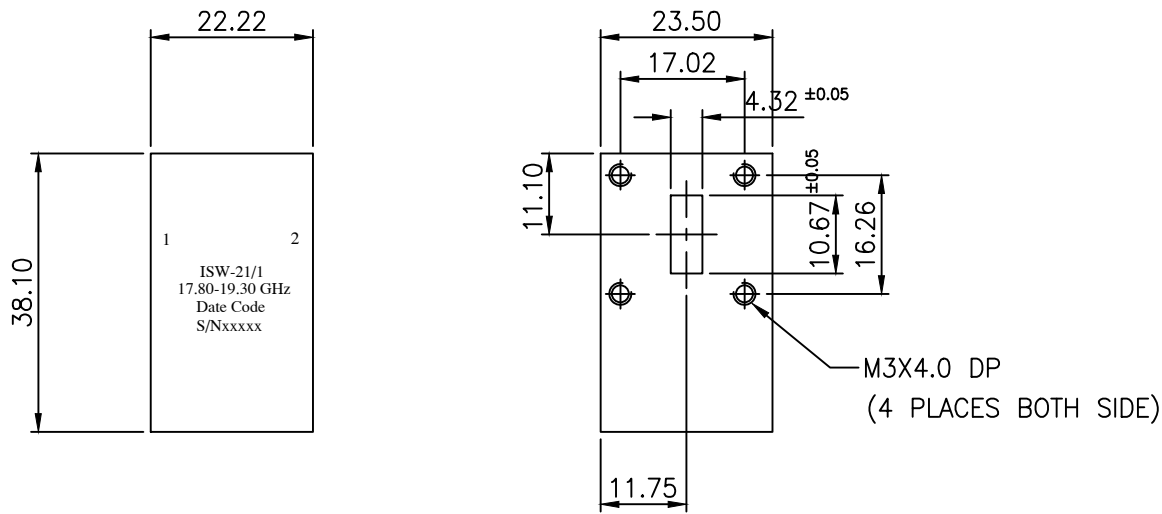


Frequency Range (GHz) :	17.80–19.30
Isolation dB (Min.) :	21
Insertion Loss dB (Max.) :	0.30
VSWR (Max.) :	1.19
Average Power (Watt)	2
Operating Temp. (C) :	-30 To +70

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



Insertion Loss Ripple 0.05dB/125MHz max (over full teperature range)
 Date Code Example : Week 25 in 2010 We Would Read 25/10

Spec:

Room Temp :	+25±5°C
Isolation dB (Min.) :	23
Insertion Loss dB (Max.) :	0.25
VSWR (Max.) :	1.15

MATERIAL:			MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM		SCALE:	N/A
			UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.02 ±.008 ANGLE: ±1/2°	DRAWING TITLE:		WR42 WAVEGUIDE ISOLATOR
DRAWN:		DATE:		PART NO.		ISW-21/1
T. Nguyen		03-11-2014				
APPROVED:		DATE:		CAGE CODE:	SIZE:	REV:
T. Nguyen		03-11-2014		0D2L5	A	N/A
		PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI) THIRD ANGLE PROJECTION		DO NOT SCALE THE DRAWING		DWG NO.
						86512