

Description

Mi-Wave's 115 series isolators use the Faraday principle of rotation in a broadband dielectric waveguide design to achieve high isolation across full waveguide bands. High quality ferrite material is used in these isolators and the magnetic field is produced by an integral permanent magnet.

Notes

S/N: NA



Electrical Specifications

	Minimal	Typical	Maximum
Frequency	110 GHz		170 GHz
Insertion Loss		3 dB	
Isolation		20 dB	
VSWR		1.5	
Power Handling			0.2 Watts (CW)

Physical Specifications

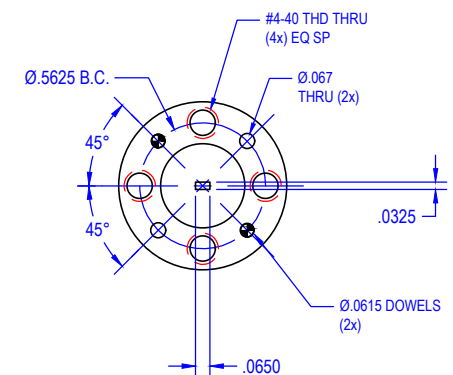
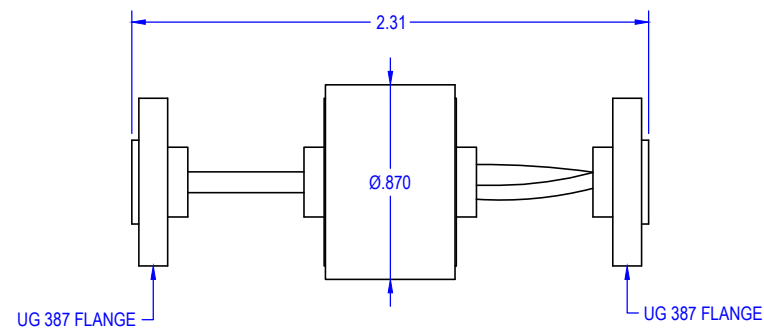
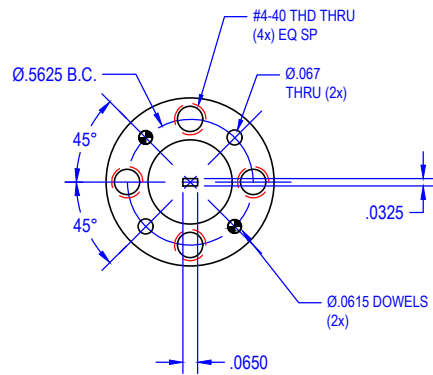
Input and Output Port	WR-6 Waveguide, UG-387/U-M Flanges
Waveguide and Flange Material	Brass
Waveguide and Flange Finish	Gold Plated
Cover Material	Aluminum
Cover Finish	Black anodized

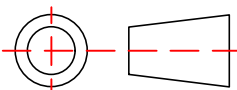
Tested by: Kim Madden

Date: 2020-01-03

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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QTY	PART NUMBER	DESCRIPTION		ITEM
UNLESS OTHERWISE SPECIFIED ALL SURFACES $\sqrt{32}$		 THIRD ANGLE PROJECTION Mi-Wave Millimeter Products Inc. TITLE 115D OUTLINE		
DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS: .1234 +/- .0005 .123 +/- .005 .12 +/- .01 ANGLES: +/- .5 DEGREES				
ALL THREADS TO BE 2A OR 2B				
REF DWG# --				
SHEET NO.		OF	SIZE	DWG NO
1		1	A	21751