

ISO27-28F00WG

Isolator WR-28 (Ka-Band)

DEVICE OVERVIEW

General Description

Isolator WR-28 Marki Microwave Ka-band Isolators, operating from 26.5-40 GHz, are built with high quality materials and use the Faraday principle in our full band isolator design. They have low loss and high isolation.



Features

- Isolation 27 dB TYP
- Insertion Loss 1.0 dB TYP
- VSWR 1.3:1 MAX
- Max Power: 1.5W
- UG-599/U Flange

Applications

- 5G
- Communication Systems

Functional Block Diagram

N/A

Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
ISO27-28F00WG	Isolator WR-28 (Ka-Band)	WR-28	REACH RoHS	Released	EAR99

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Revision History

Revision Code	Revision Date	Comment
-	2024-05-01	Initial Release

Specifications

Package Information

Parameter	Details	Rating
Dimensions	-	83 x 34 mm

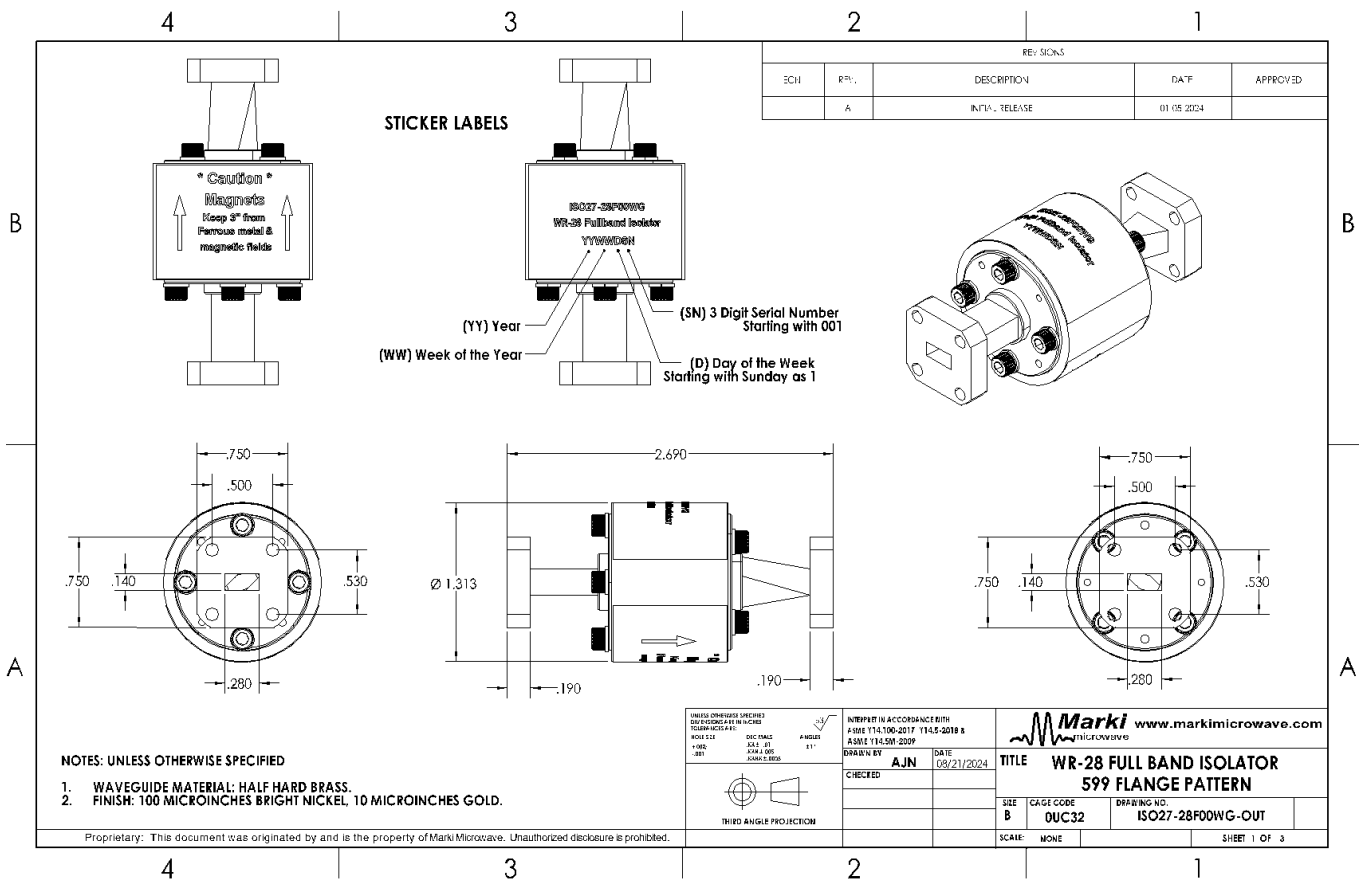
Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Insertion Loss	-	26.5	40	-	1	-	dB
Isolation	-	26.5	40	-	27	-	dB
Return Loss	-	26.5	40	-	-	18	dB

Mechanical Data

Outline Drawing

Download : [Outline 2D Drawing](#) | [Outline 3D STP](#)



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