

# ISO27-19F00WG

## Isolator WR-19 (Q-Band)

### DEVICE OVERVIEW

#### General Description

Isolator WR-19 Marki Microwave U-band Isolators, operating from 40-60 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 1.5 dB TYP
- VSWR 1.3:1 MAX
- Max Power: 1.5W
- UG-383/U Flange

#### Applications

- 5G
- Communication Systems

#### Functional Block Diagram

N/A

#### Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
ISO27-19F00WG	Isolator WR-19 (Q-Band)	WR-19	REACH RoHS	Released	EAR99

## Table Of Contents

- **Device Overview**
  - General Description
  - Features
  - Applications
- **Revision History**
- **Specifications**
  - Package Information
  - Electrical Specifications
- **Mechanical Data**
  - Outline Drawing

## Revision History

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

## Specifications

### Package Information

Parameter	Details	Rating
Dimensions	-	67 x 34 mm

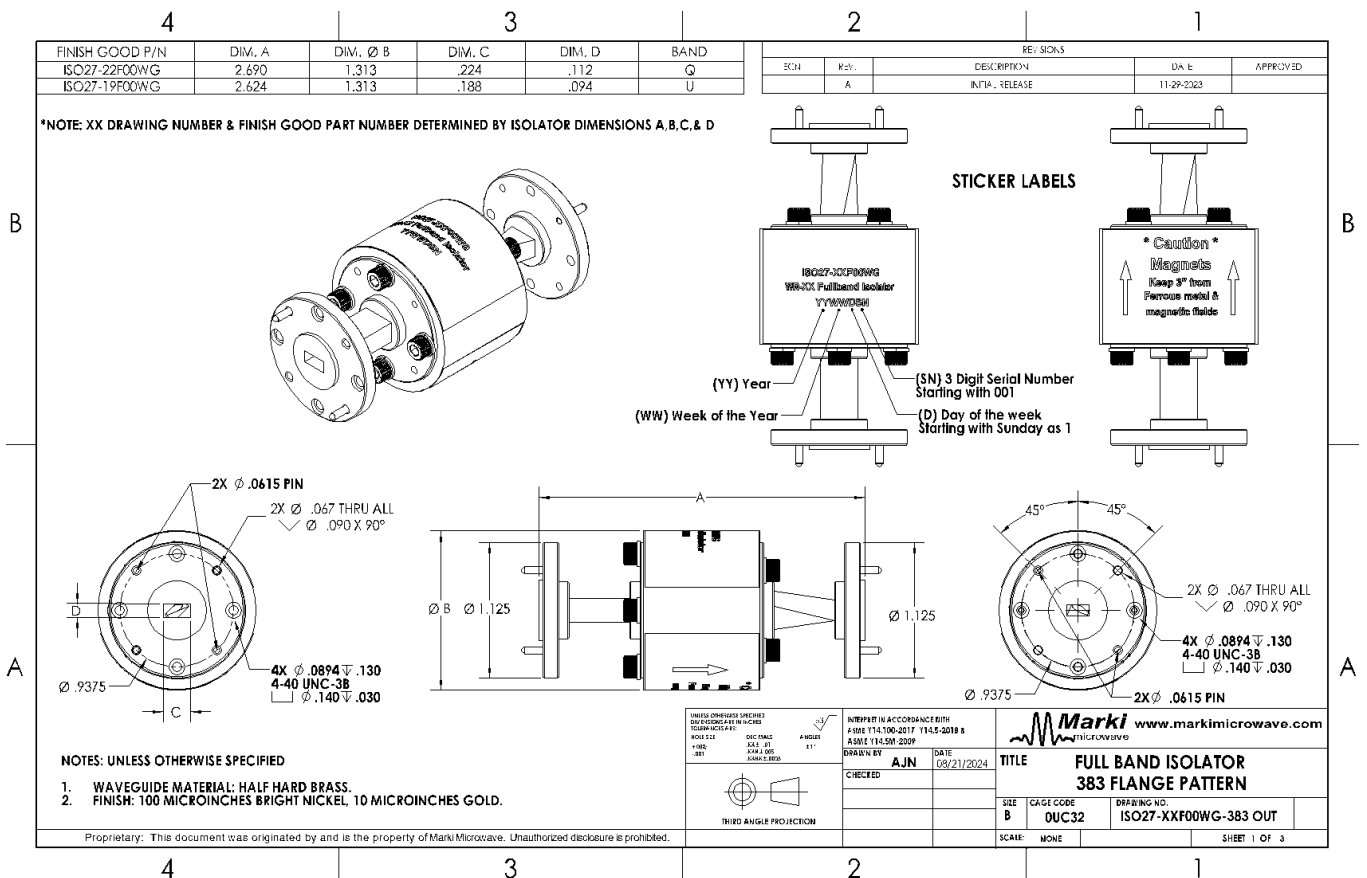
**Electrical Specifications**

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Insertion Loss	-	40	60	-	1.5	-	dB
Isolation	-	40	60	-	27	-	dB
Return Loss	-	40	60	-	-	18	dB

**Mechanical Data**

**Outline Drawing**

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



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