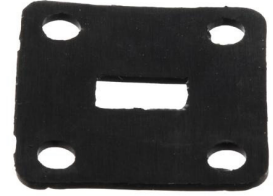


## WR-28 Waveguide Gasket For UG-599/U Square Cover Flanges, Conductive Silicone Elastomer



### FMW28CG01

#### Features

- WR-28
- Conductive
- Silicone Rubber
- For UG-599/U Flanges

#### Applications

- Satellite Communications
- Radar Systems
- Test and Laboratory Setups

#### Description

This conductive gasket is designed to connect two waveguide flanges using stainless steel screws and washers. The FMW28CG01 gasket is specifically made for WR-28 UG-599/U waveguide flanges. The gasket itself is made of Conductive Silicone Rubber, providing a durable and flexible seal.

Fairview Microwave has waveguide gaskets (both conductive and non-conductive), screws and other accessories that you need for your waveguides. Often people can forget to order items like screws or waveguide supports. Fairview Microwave has a full line of waveguide accessories available for same day shipment so that you do not have to wait for weeks to get your system working.

#### Mechanical Specifications

Body Material	Conductive Silicone Rubber
Length	0.75 in [19.05 mm]
Width	0.75 in [19.05 mm]
Height	0.03 in [0.76 mm]
Weight	3.5 lbs [1.59 kg]

#### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to 70 deg C

#### Compliance Certifications (see [product page](#) for current document)

WR-28 Waveguide Gasket For UG-599/U Square Cover Flanges, Conductive Silicone Elastomer from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

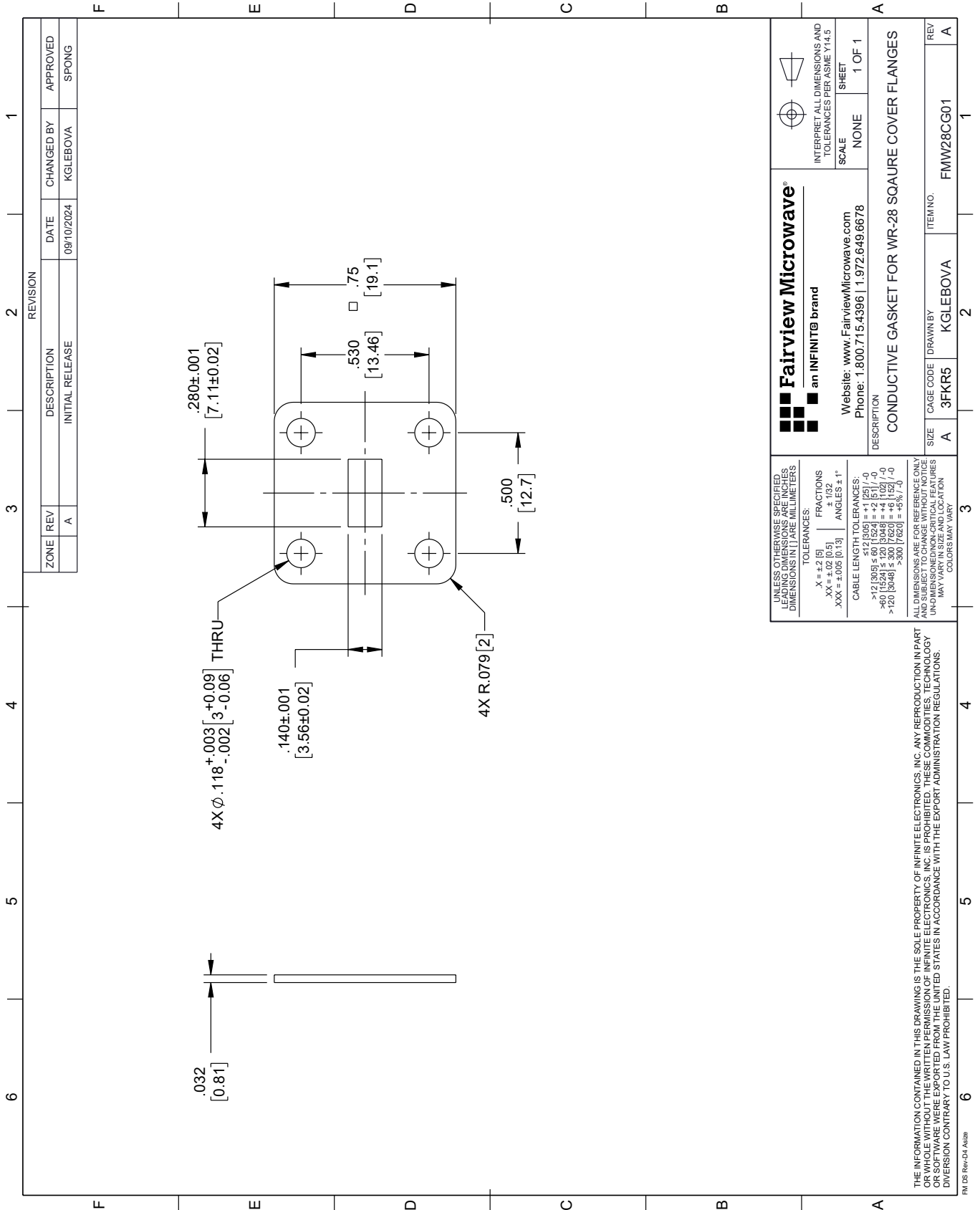
For additional information on this product, please click the following link: [WR-28 Waveguide Gasket For UG-599/U Square Cover Flanges, Conductive Silicone Elastomer FMW28CG01](#)

URL: <https://www.fairviewmicrowave.com/wr-28-waveguide-gasket-for-ug-599-u-flanges-conductive-silicone-elastomer-fmw28cg01-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume liability arising out of the use of any part or document.

# FMW28CG01 CAD Drawing

WR-28 Waveguide Gasket For UG-599/U Square Cover Flanges, Conductive Silicone Elastomer



REVISION		DATE	CHANGED BY	APPROVED	
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
A		INITIAL RELEASE	09/10/2024	KGLEBOVA	SPONG

**Fairview Microwave**  
an INFINIT® brand

Website: [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com)  
Phone: 1.800.715.4396 | 1.972.649.6678

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND DIMENSIONS IN [ ] ARE IN MILLIMETERS.

TOLERANCES:  
 .X = ±.2 [5]      FRACTIONS ± 1/32  
 .XX = ±.02 [0.5]      ANGLES ± 1°  
 .XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES:  
 <12 [305] ≤ 60 [1524] = ±.1 [2.5] / -0  
 >60 [1524] ≤ 120 [3048] = ±.4 [102] / -0  
 >120 [3048] ≤ 300 [7620] = ±.8 [20.3] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED, DIMENSIONS MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

FAIRVIEW MICROWAVE, INC. IS PROHIBITED FROM EXPORTING THIS DRAWING TO THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVISION CONTRARY TO U.S. LAW PROHIBITED.

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE ARE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVISION CONTRARY TO U.S. LAW PROHIBITED.

REV A  
ITEM NO. FMW28CG01  
CAGE CODE 3FKR5  
DRAWN BY KGLEBOVA  
SIZE A