

FR100

WR-10 waveguide isolator



MicroHarmonics

Superior mm-Wave Components

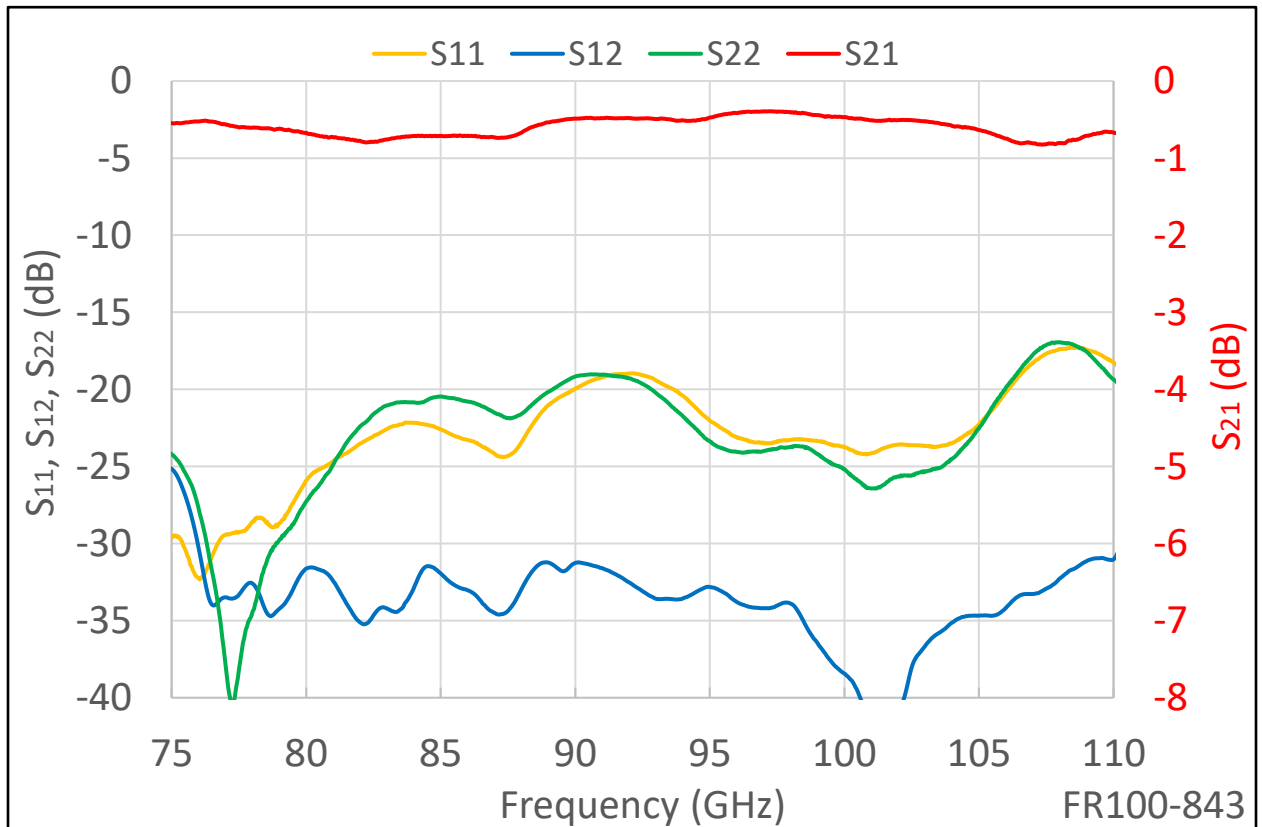
- ◆ Anti-cocking waveguide flanges
- ◆ Comprehensive test data
- ◆ Lowest insertion loss
- ◆ High isolation
- ◆ Compact size
- ◆ Diamond heatsinks
- ◆ Resist stray magnetic fields
- ◆ Internal waveguide screw access



Specifications

Flange	WR-10 UG-387/UM
Frequency (GHz)	75-110
Insertion Loss (dB, avg)	0.6
Insertion Loss (dB, max)	1.8
Isolation (dB, typ min)	25
Input RL (dB, typ min)	17
Output RL (dB, typ min)	18
VSWR (typ max)	1.35:1
Max Reverse Power (W)	2.9
Diamond Heatsink	Yes
Weight (Oz [g])	0.56 [16]

Every isolator is tested on a vector network analyzer to verify performance, and the test data is provided.



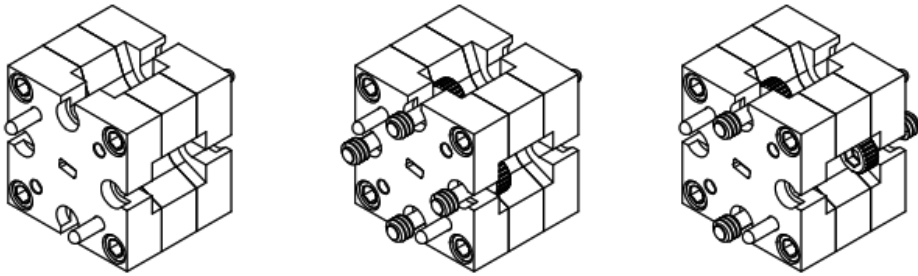
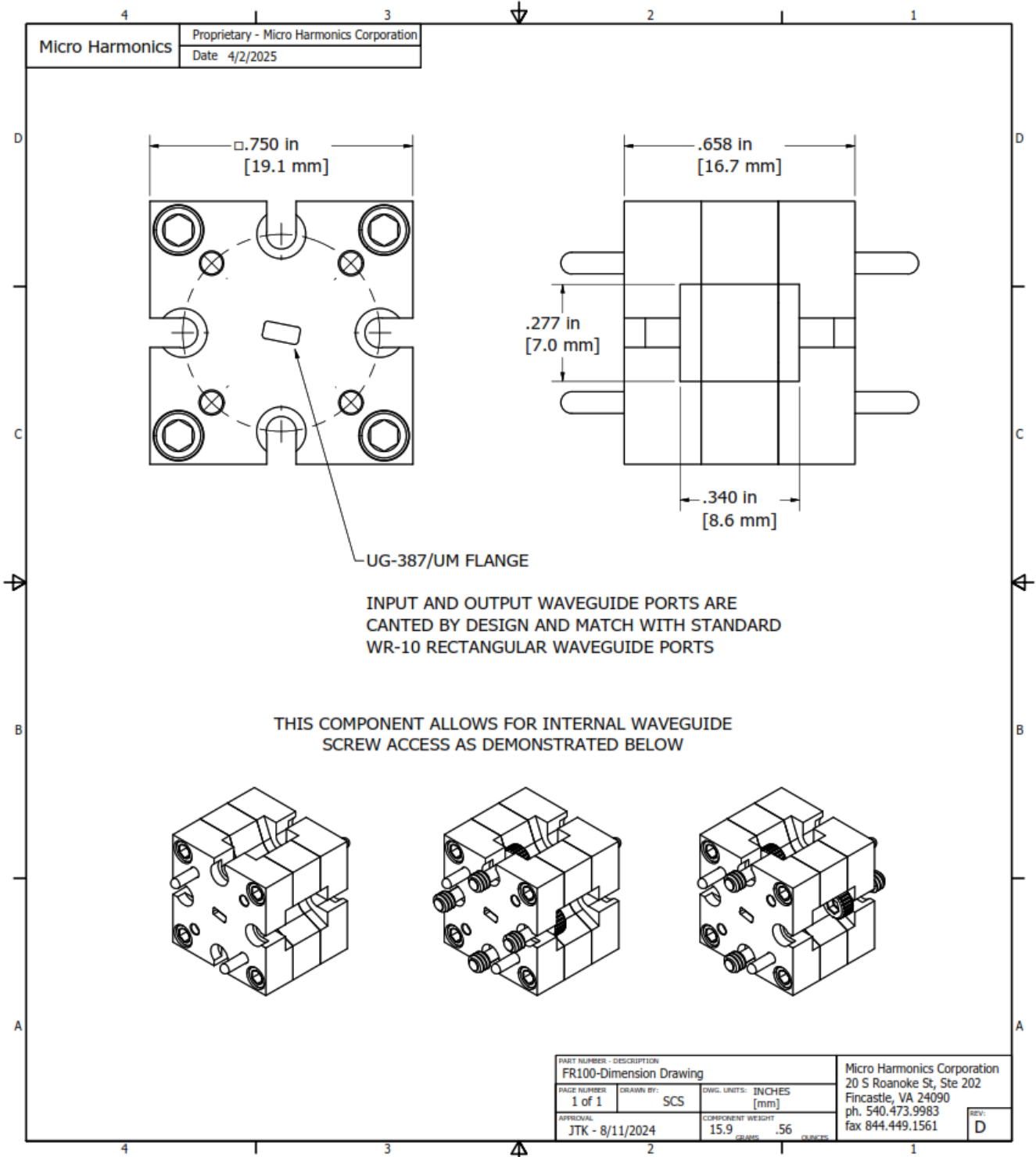
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PART NUMBER - DESCRIPTION			Micro Harmonics Corporation	
FR100-Dimension Drawing			20 S Roanoke St, Ste 202	
PAGE NUMBER	DRAWN BY:	DWG. UNITS:	Fincastle, VA 24090	
1 of 1	SCS	INCHES [mm]	ph. 540.473.9983	
APPROVAL:	COMPONENT WEIGHT		fax 844.449.1561	
JTK - 8/11/2024	15.9 GRAMS .56 OUNCES		REV:	D