

Dual Circular Polarizer, 95-105 GHz Frequency Range

Dual Circular Polarizer Data Sheet

RM-DCP95105

Descriptions

RF MISO's #RM-DCP95105 is a linear-to-circular polarizer operating at 95-105 GHz. It features one square input waveguide and two rectangular output waveguides, and is fitted with three UG-387/U-M flanges. This polarizer offers excellent VSWR and axial ratio data and is compatible with RF MISO waveguide converters and horn antennas for a variety of system applications and laboratory testing. This circular polarizer is manufactured using high-precision machining processes to ensure its high quality and robustness.

Specifications

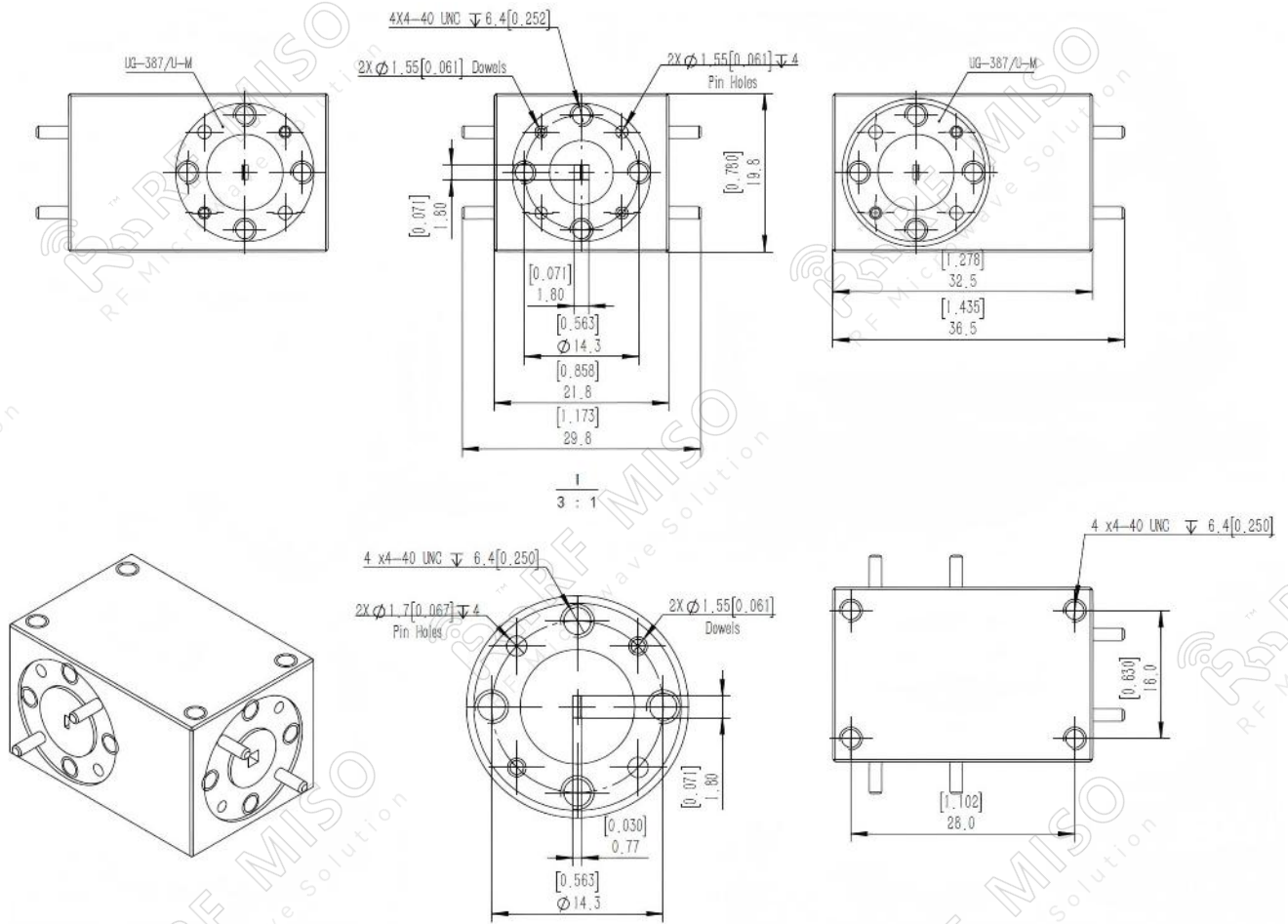
RM-DCP95105		
Parameters	Specification	Unit
Frequency Range	95-105	GHz
VSWR	≤1.3	
AR	<2	
Polarization	RHCP and LHCP	
Interface	Waveguide	
Waguide Size(A)	1.8*1.8	mm
Waguide Size(B)	1.8*0.563	mm
Waguide Size(B)	1.8*0.563	mm
Interface	UG-387/U-M	
Size	32.5*21.9*19.8	mm
Body Material	Cu	
Weight	0.112	kg
Finishing	Gold Plated	

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Outline Drawing

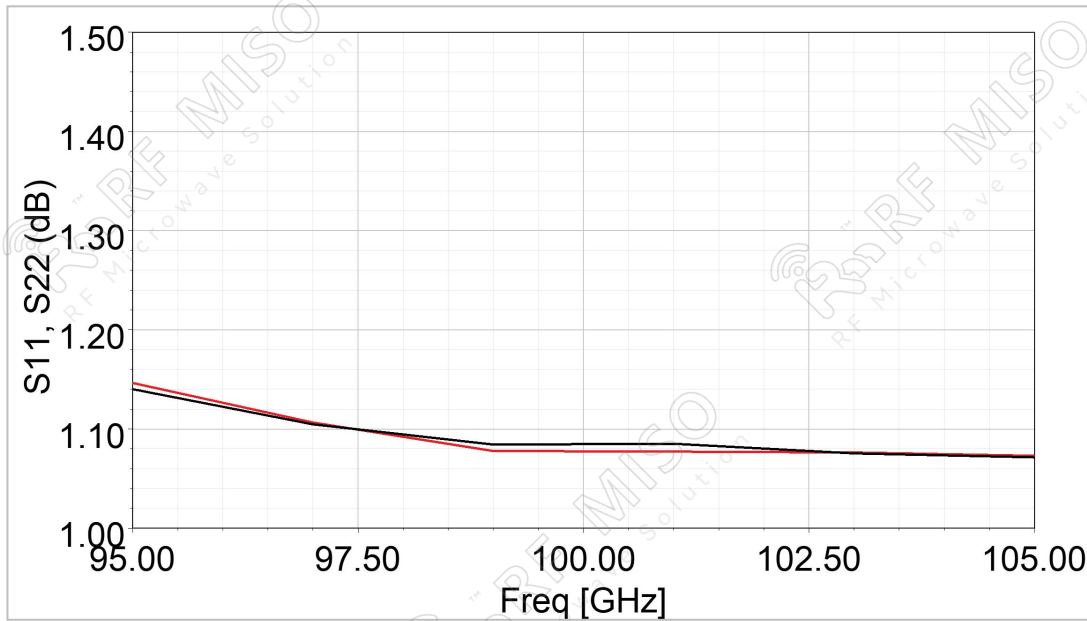


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VSWR



AR

