DiTom MICROWAVE INC.

Part Number: D3C1012

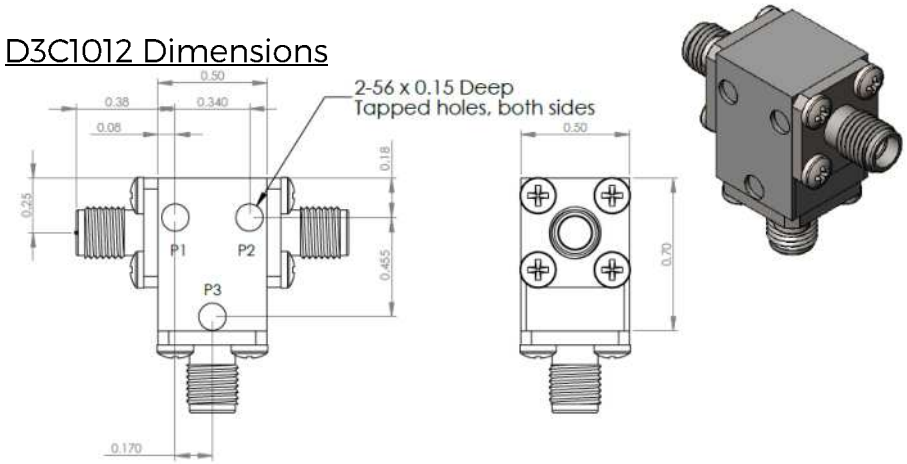
Electrical Specifications

Frequency Range (GHz):	10.70 – 12.75	
Isolation (dB):	23	MIN
Insertion Loss (dB):	0.3	MAX
VSWR:	1.2:1	MIN
Forward Power (W):	10	AVG
	50	PK

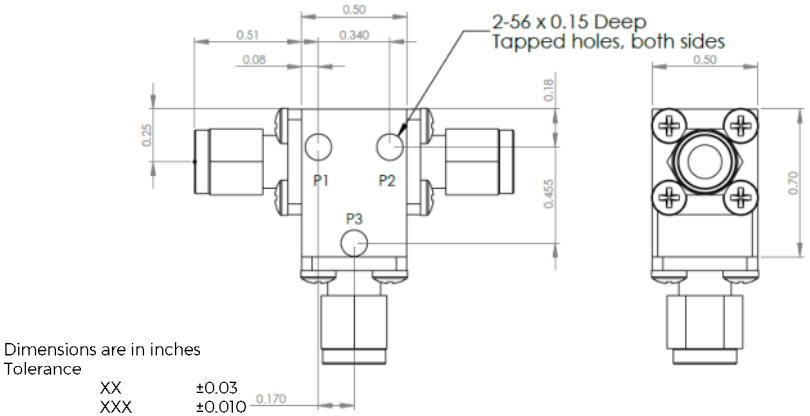
Mechanical/Environmental Specifications

Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Load Body:	Brass
Magnetic Shunt:	Nickel plated CRS
Operational Temp:	-30˚C to +65˚C
Weight (oz)	0.9 MAX

D3C1012 Dimensions



D3C1012-3 Dimensions



Dimensions are in inches
Tolerance
XX ±0.03
XXX ±0.010

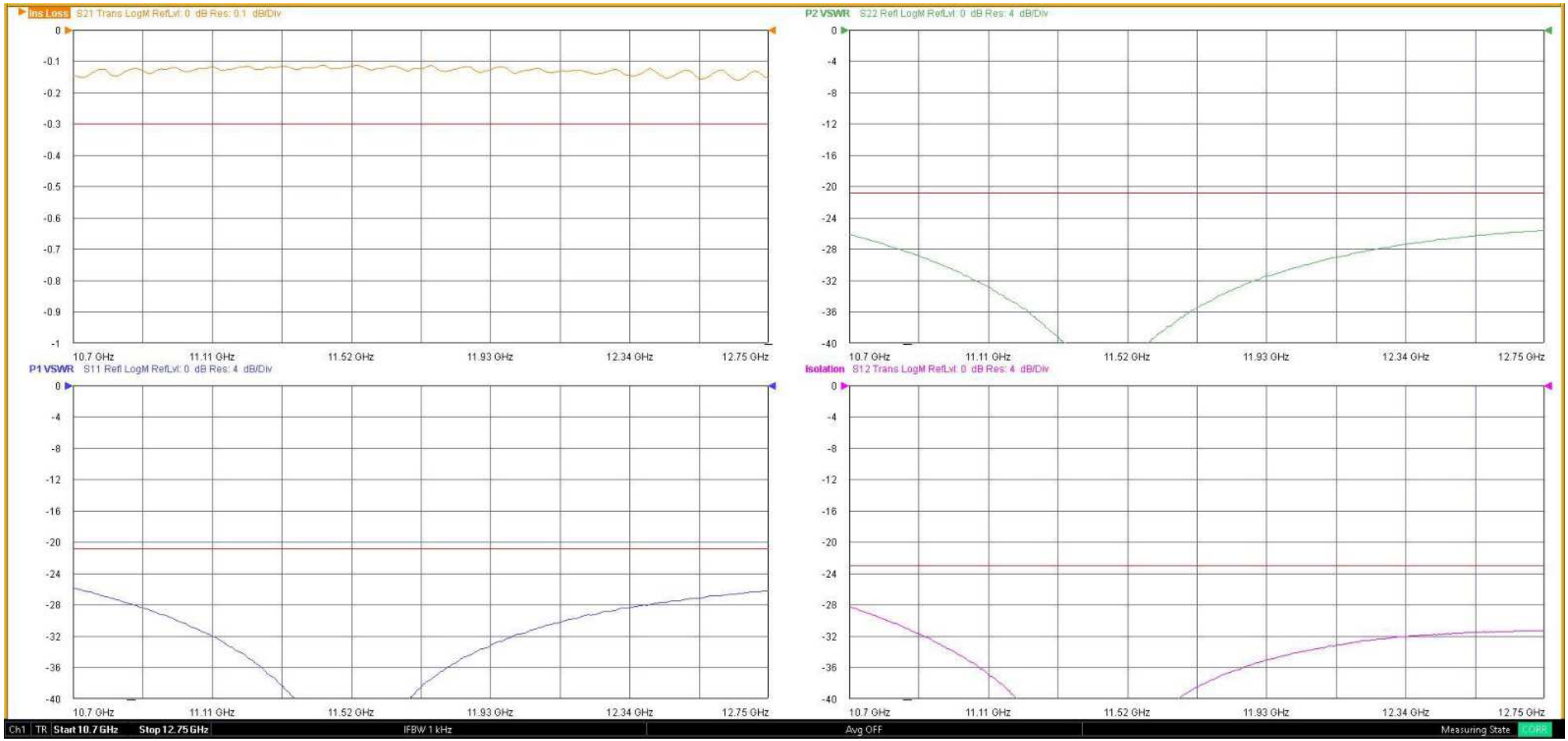
Type of Device	PN Suffix	Connector Configuration Input / Output	PN Example
Single Junction Circulator 3-Port Device Port 1 / Port 2 / Port 3	No Dash	Female / Female / Female	D3C1012
	-1	Male / Female / Female	D3C1012-1
	-2	Female / Male / Female	D3C1012-2
	-3	Male / Male / Male	D3C1012-3
	-4	Female / Female / Male	D3C1012-4
	-5	Male / Female / Male	D3C1012-5
	-6	Male / Male / Female	D3C1012-6
	-7	Female / Male / Male	D3C1012-7

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MEASURED DATA

Part Number: D3C1012, P1→P2, P3 Terminated with 50Ω, +25˚C



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