DiTom MICROWAVE INC.

Part Number: DSC1014

Electrical Specifications

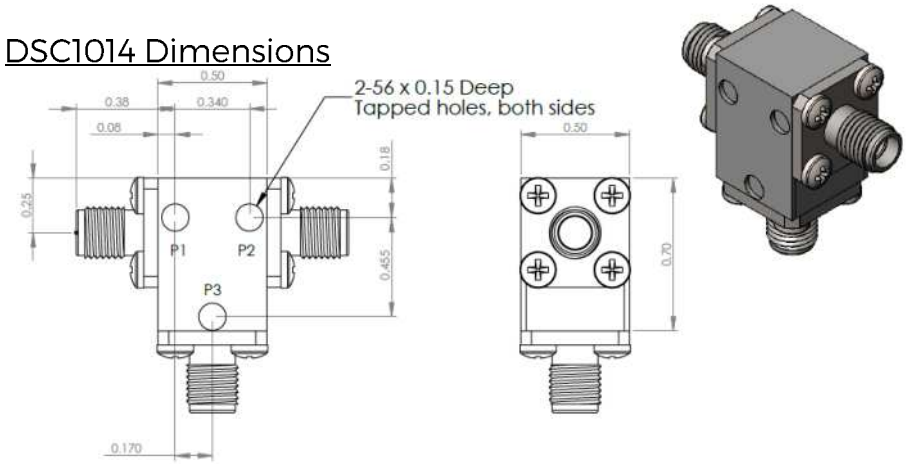
Frequency Range (GHz):	10.7 – 14.8	
Isolation (dB):	20	MIN
Insertion Loss (dB):	0.3	MAX
VSWR:	1.2:1	MIN
Forward Power (W):	10	AVG
	50	PK

Mechanical/Environmental Specifications

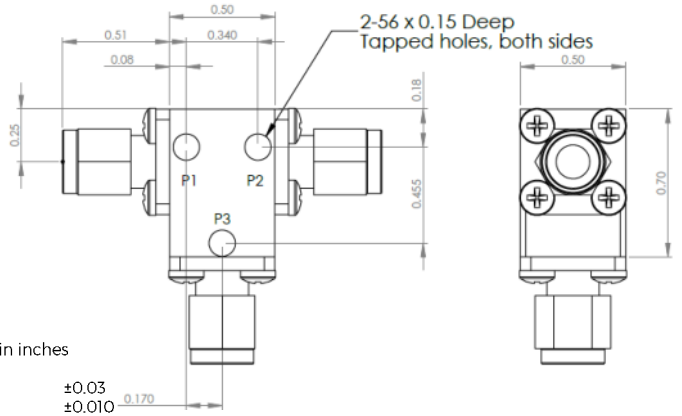
Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Load Body:	Brass
Magnetic Shunt:	Nickel plated CRS
Operational Temp:	-30˚C to +65˚C
Storage Temp:	-40˚C to +120˚C
Weight (oz):	0.9 MAX
Pressure:	< $1.5e^{-5}$ torr
Screening Test:	Non-Operational Thermal Cycles
ATP:	Operational thermal cycling

Test Report Included w/CofC. To customize test procedures or specifications to your requirements, please contact DiTom.

DSC1014 Dimensions



DSC1014-3 Dimensions



Dimensions are in inches
Tolerance
XX ±0.03
XXX ±0.010

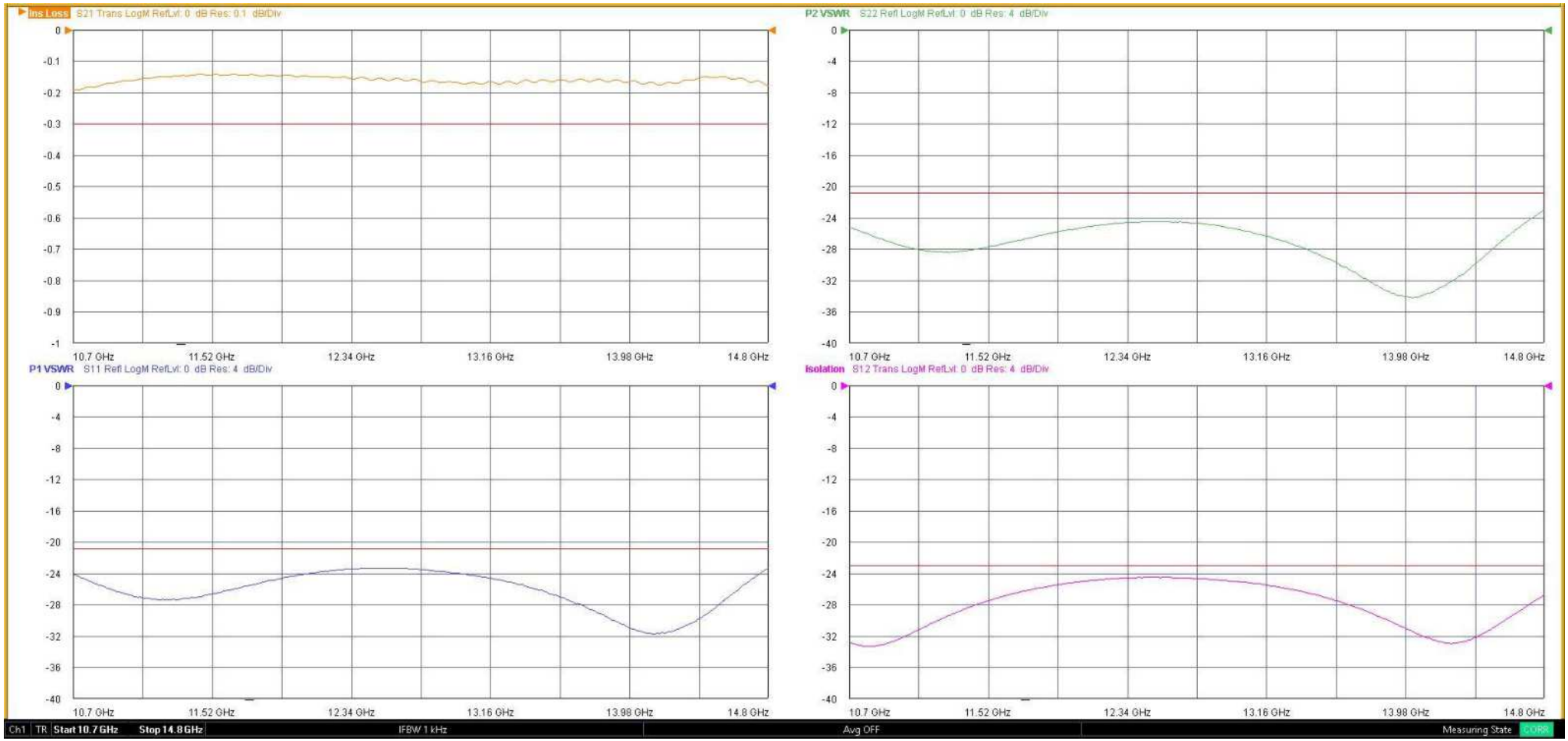
Type of Device	PN Suffix	Connector Configuration Input / Output	PN Example
Single Junction Circulator 3-Port Device Port 1 / Port 2 / Port 3	No Dash	Female / Female / Female	DSC1014
	-1	Male / Female / Female	DSC1014-1
	-2	Female / Male / Female	DSC1014-2
	-3	Male / Male / Male	DSC1014-3
	-4	Female / Female / Male	DSC1014-4
	-5	Male / Female / Male	DSC1014-5
	-6	Male / Male / Female	DSC1014-6
	-7	Female / Male / Male	DSC1014-7

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MEASURED DATA

Part Number: DSC1014, P1→P2, P3 Terminated with 50Ω, +25˚C



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