DiTom MICROWAVE INC.



Part Number: DSI1014

Electrical Specifications

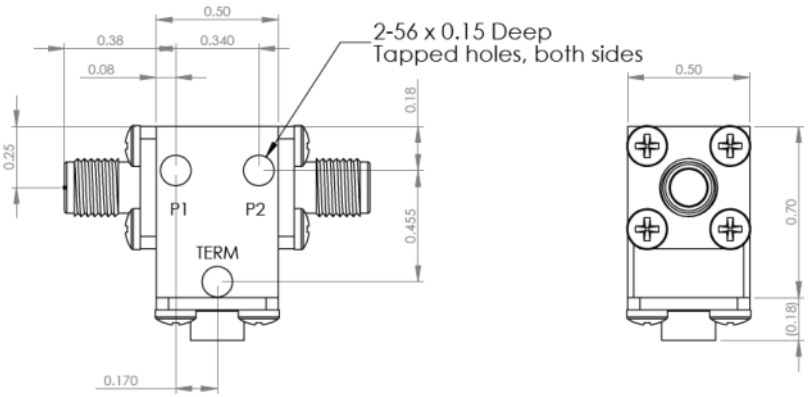
Frequency Range (GHz):	10.7 – 14.8	
Isolation (dB):	20	MIN
Insertion Loss (dB):	0.3	MAX
VSWR:	1.2:1	MIN
Forward Power (W):	10	AVG
	50	PK
Reflective Power (W):	2	AVG

Mechanical/Environmental Specifications

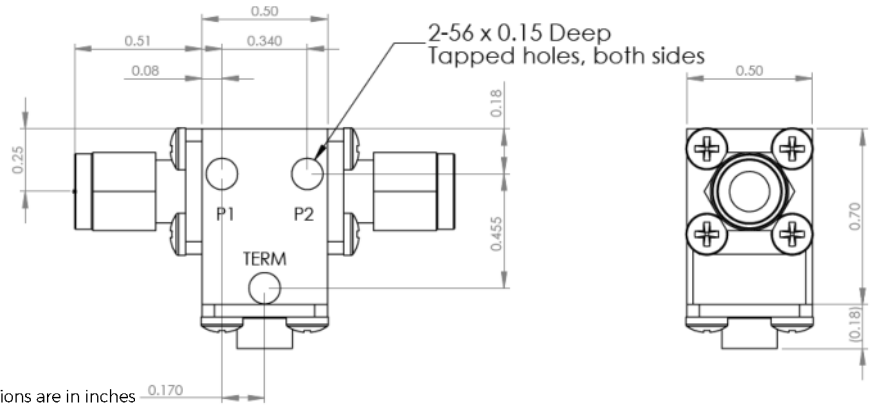
Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Load Body:	Brass
Magnetic Shunt:	Nickel plated CRS
Operational Temp:	-30˚C to +65˚C
Storage Temp:	-40˚C to +120˚C
Weight (oz):	0.90 MAX
Pressure:	< $1.5e^{-5}$ torr
Screening Test:	Non-Operational Thermal Cycles
ATP:	Operational thermal cycling

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

DSI1014 Dimensions



DSI1014-3 Dimensions



Dimensions are in inches
Tolerance

XX	±0.03
XXX	±0.010

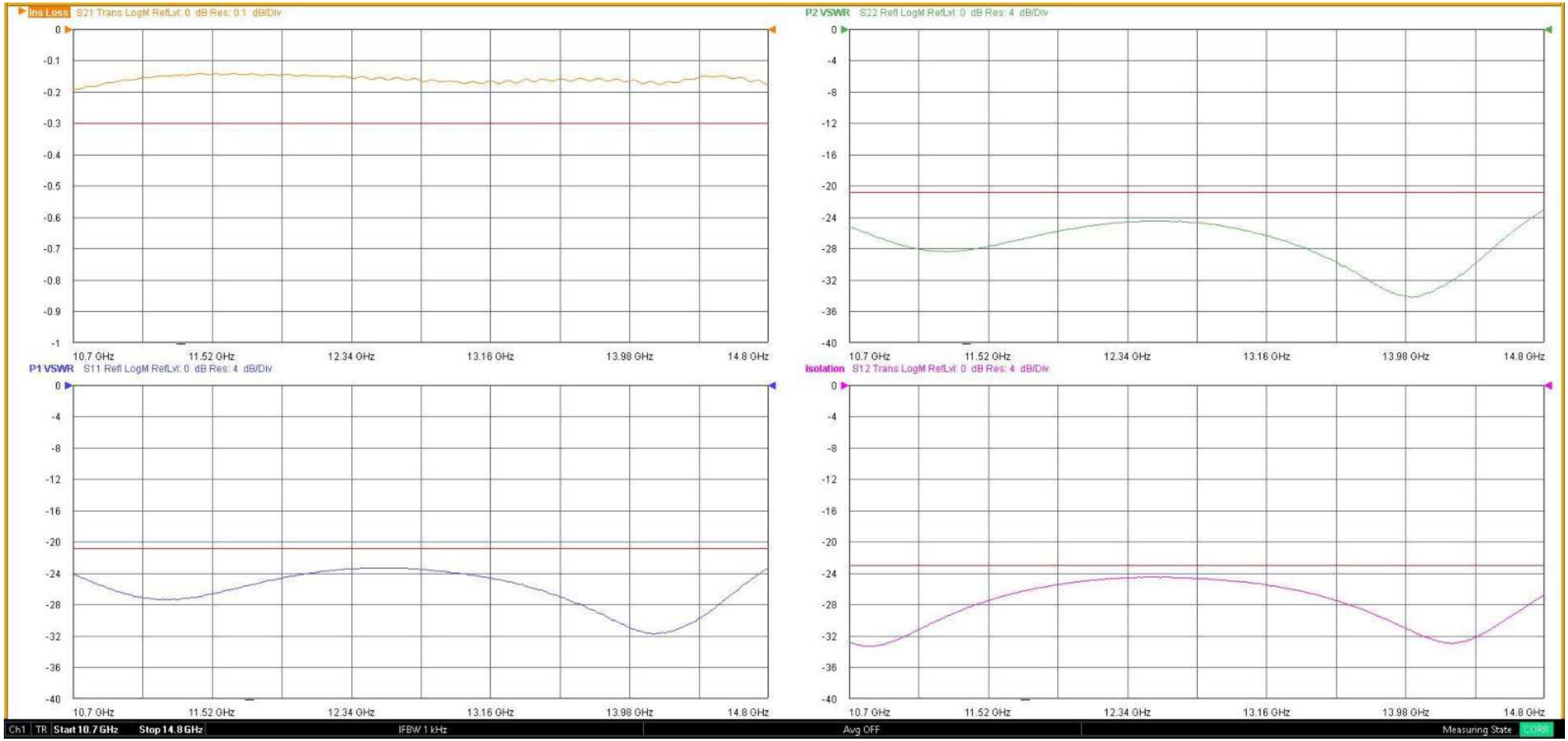
Type of Device	PN Suffix	Connector Configuration Input / Output	PN Example
Single and Dual Junction Isolator, 2-Port Device Input / Output	N/A	Female / Female	DSI1014
	-1	Male / Female	DSI1014-1
	-2	Female / Male	DSI1014-2
	-3	Male / Male	DSI1014-3

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MEASURED DATA

Part Number: DSI1014, +25˚C



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