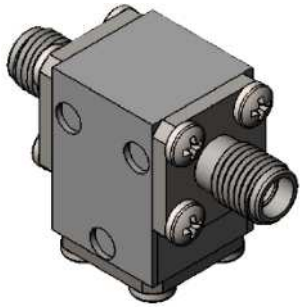
DiTom MICROWAVE INC.



Part Number: DSI2731

Electrical Specifications

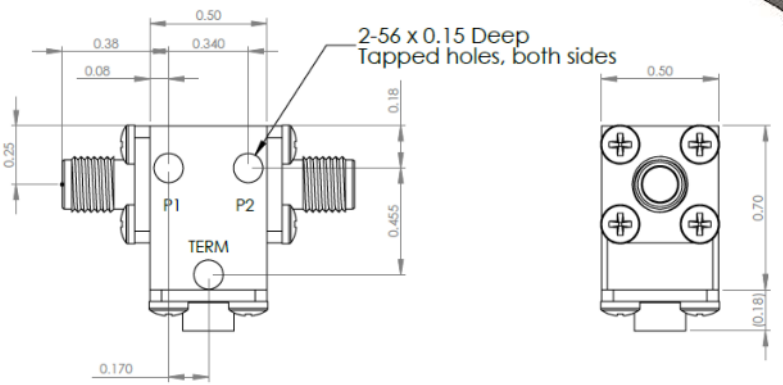
Frequency Range (GHz):	27.0 – 31.0	
Isolation (dB):	20	MIN
Insertion Loss (dB):	0.6	MAX
VSWR:	1.25:1	MIN
Forward Power (W):	5	AVG
	30	PK
Reflective Power (W):	2	AVG

Mechanical/Environmental Specifications

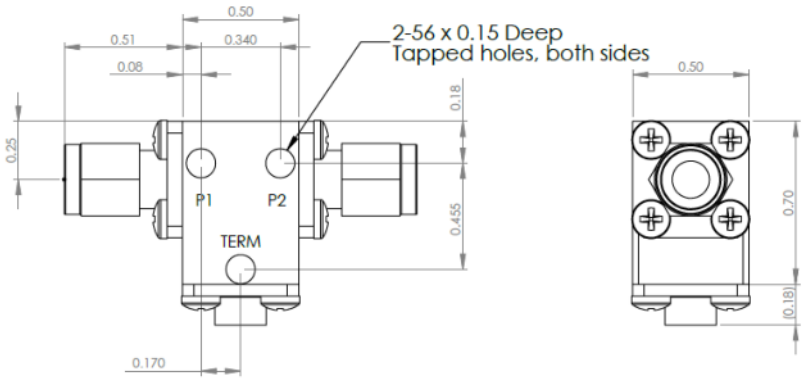
Connector Type:	K (2.92mm)
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Load Body:	Brass
Magnetic Shunt:	Nickel plated CRS
Operational Temp:	-15˚C to +75˚C
Storage Temp:	-40˚C to +120˚C
Weight (oz):	0.75 MAX
Pressure:	< $1.5e^{-5}$ torr
Screening Test:	Non-Operational Thermal Cycles
ATP:	Operational thermal cycling

Test Report Included w/CofC

DSI2731 Dimensions



DSI2731-3 Dimensions



Dimensions are in inches
Tolerance

XX	±0.03
XXX	±0.010

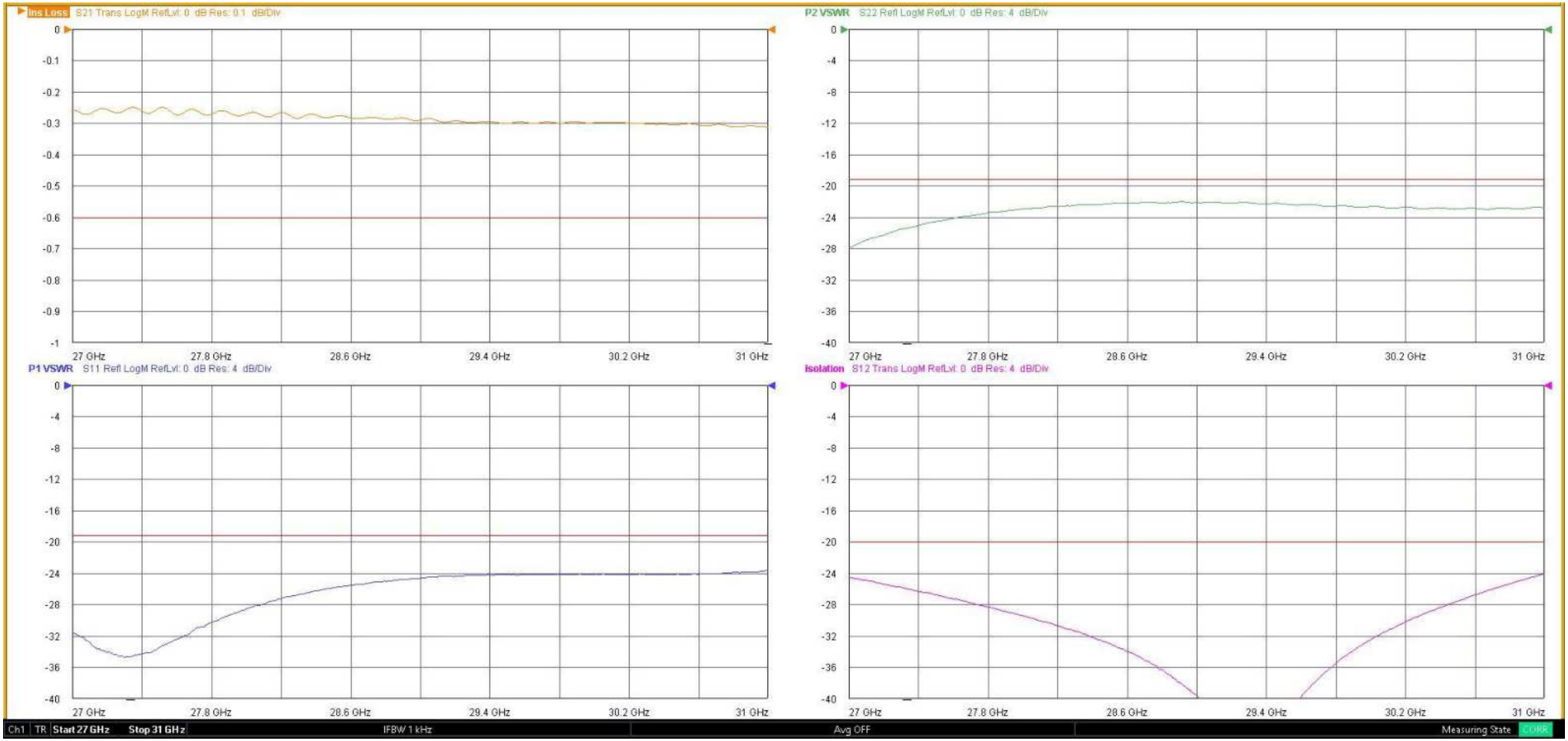
Type of Device	PN Suffix	Connector Configuration Input / Output	PN Example
Single Junction Isolator 2-Port Device Input / Output	N/A	Female / Female	DSI2731
	-1	Male / Female	DSI2731-1
	-2	Female / Male	DSI2731-2
	-3	Male / Male	DSI2731-3

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DiTom MICROWAVE INC.

MEASURED DATA

Part Number: DSI2731, +25˚C



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