DiTom MICROWAVE INC.

Part Number: D3C8018

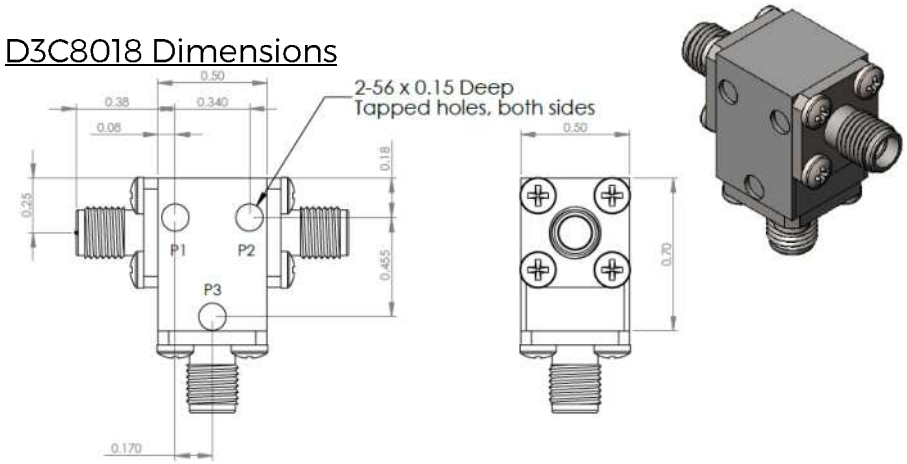
Electrical Specifications

Frequency Range (GHz):	8.0 – 18.0	
Isolation (dB):	16	MIN
Insertion Loss (dB):	0.8	MAX
VSWR:	1.45:1	MIN
Forward Power (W):	5	AVG
	30	PK

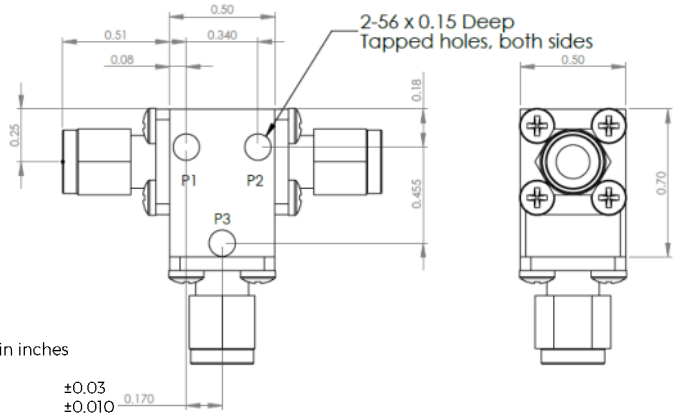
Mechanical/Environmental Specifications

Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Load Body:	Brass
Magnetic Shunt:	Nickel plated CRS
Operational Temp:	-10˚C to +85˚C
Weight (oz)	0.9 MAX

D3C8018 Dimensions



D3C8018-3 Dimensions



Dimensions are in inches
Tolerance
XX ±0.03
XXX ±0.010

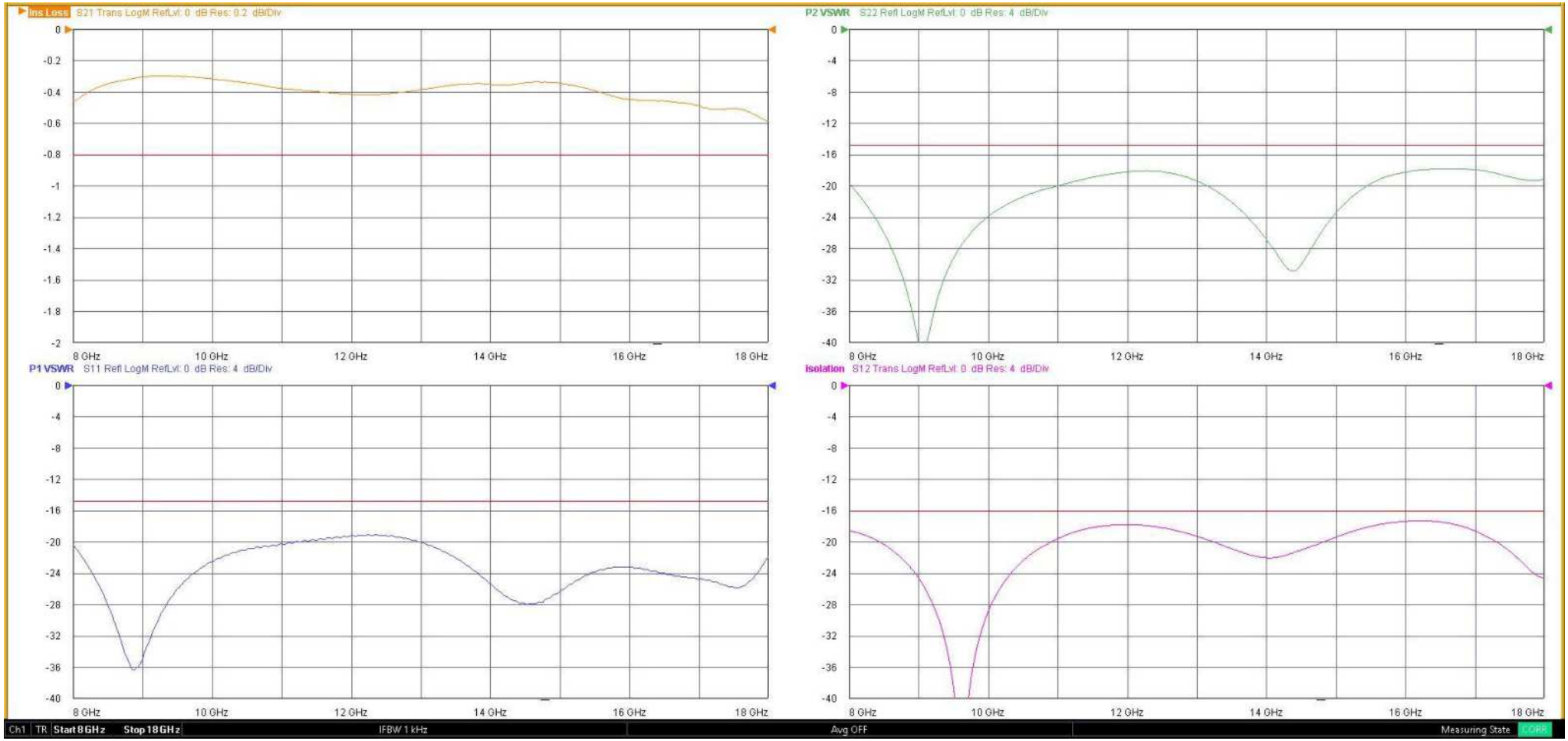
Type of Device	PN Suffix	Connector Configuration Input / Output	PN Example
Single Junction Circulator 3-Port Device Port 1 / Port 2 / Port 3	No Dash	Female / Female / Female	D3C8018
	-1	Male / Female / Female	D3C8018-1
	-2	Female / Male / Female	D3C8018-2
	-3	Male / Male / Male	D3C8018-3
	-4	Female / Female / Male	D3C8018-4
	-5	Male / Female / Male	D3C8018-5
	-6	Male / Male / Female	D3C8018-6
	-7	Female / Male / Male	D3C8018-7

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MEASURED DATA

Part Number: D3C8018, P1→P2, P3 Terminated with 50Ω, +25˚C



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