DiTom MICROWAVE INC.

Part Number: D4C8713Y-4K

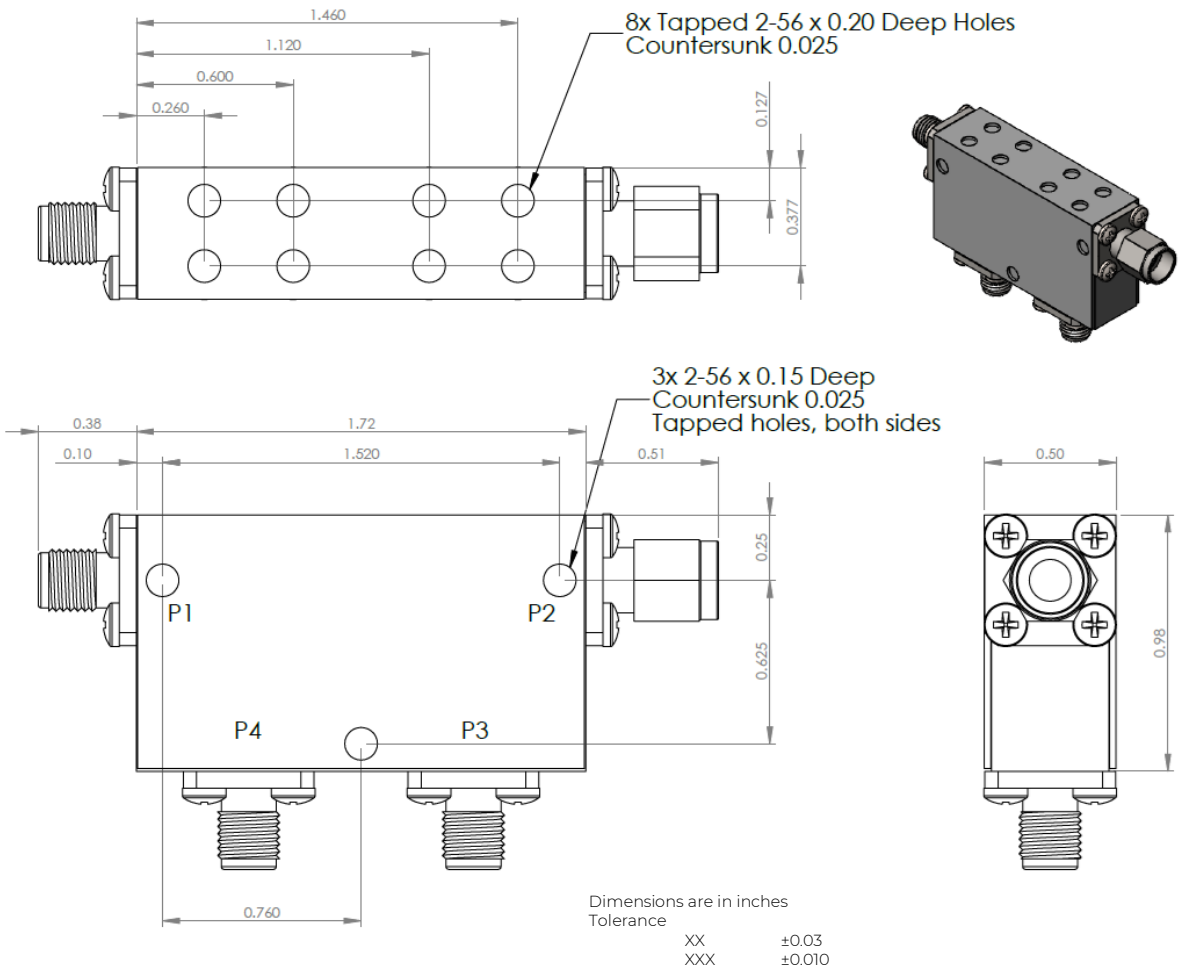
Electrical Specifications

Frequency Range (GHz):	8.7 – 12.9	
Isolation (dB):	25	MIN (per junction)
Insertion Loss (dB):	0.35	MAX (per junction)
Return Loss (dB):	20	MIN (per junction)
Forward Power (W):	25	AVG
	500	PK

Mechanical/Environmental Specifications

Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Magnetic Shunt:	Nickel plated CRS
Optimized Temperature:	< 4K
Weight (oz)	4.0 MAX

D4C8713Y-4K-2 Dimensions



Dimensions are in inches
Tolerance

XX	±0.03
XXX	±0.010

Type of Device	PN Suffix	Connector Configuration Port 1 / Port 2 / Port 3 / Port 4	PN Example
Dual Junction Circulator 4-Port Device Port 1 / Port 2 / Port 3 / Port 4	No Dash	Female / Female / Female / Female	D4C8713Y-4K
	-1	Male / Female / Female / Female	D4C8713Y-4K-1
	-2	Female / Male / Female / Female	D4C8713Y-4K-2
	-3	Male / Male / Male / Male	D4C8713Y-4K-3
	-4	Female / Female / Male / Female	D4C8713Y-4K-4
	-5	Female / Female / Female / Male	D4C8713Y-4K-5

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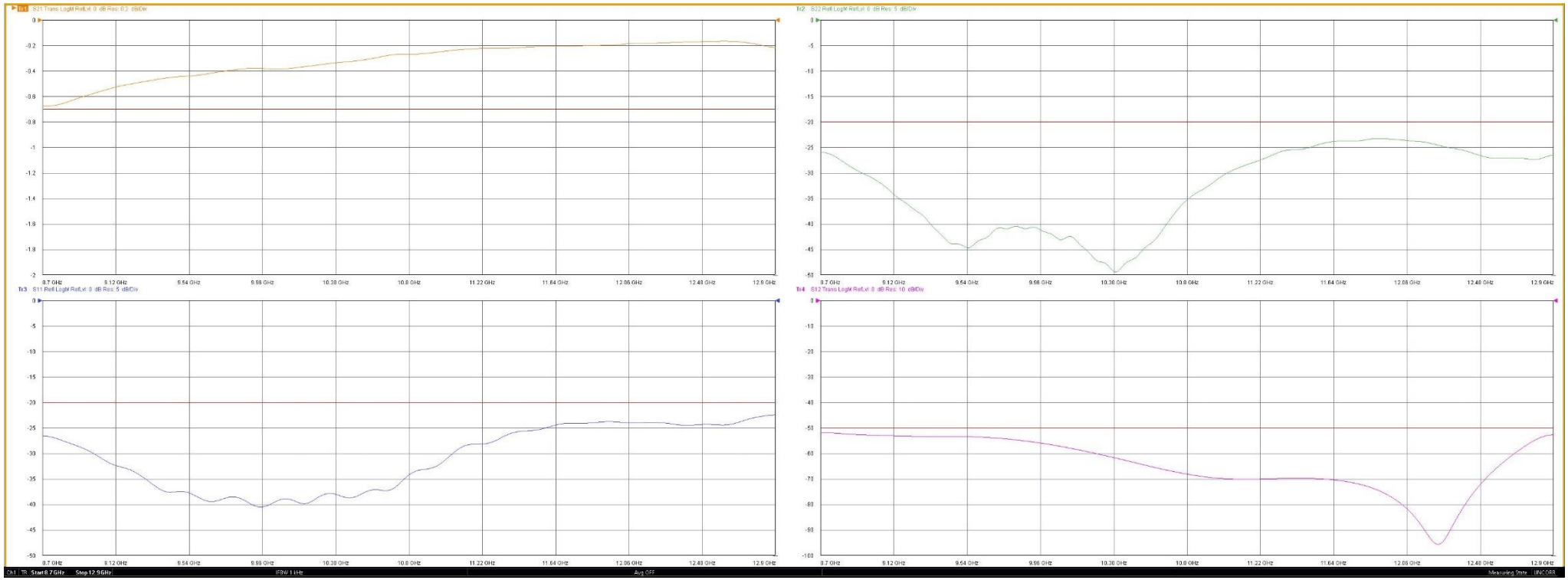
MEASURED DATA

Part Number: D4C8713Y-4K, P1→P2, P3 & P4 Terminated with 50Ω, Measured at 4K