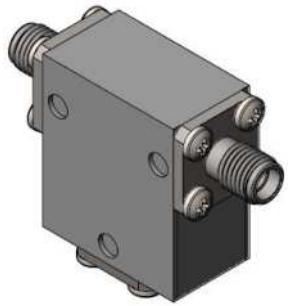
DiTom MICROWAVE INC.



Part Number: D3I8012

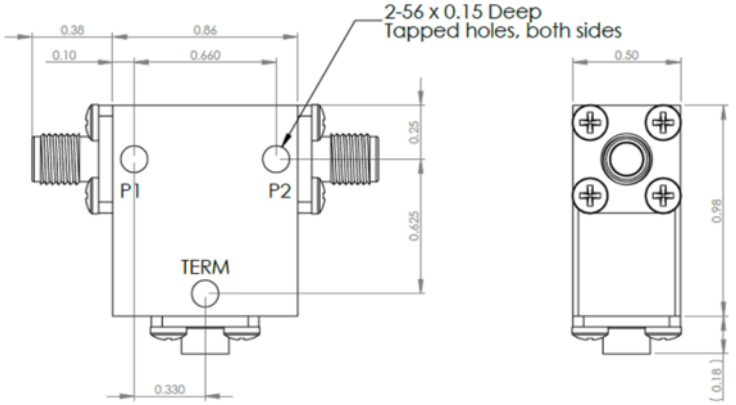
Electrical Specifications

Frequency Range (GHz):	8.0 – 12.4	
Isolation (dB):	20	MIN
Insertion Loss (dB):	0.5	MAX
VSWR:	1.25:1	MIN
Forward Power (W):	25	AVG
	500	PK
Reflective Power (W):	2	AVG

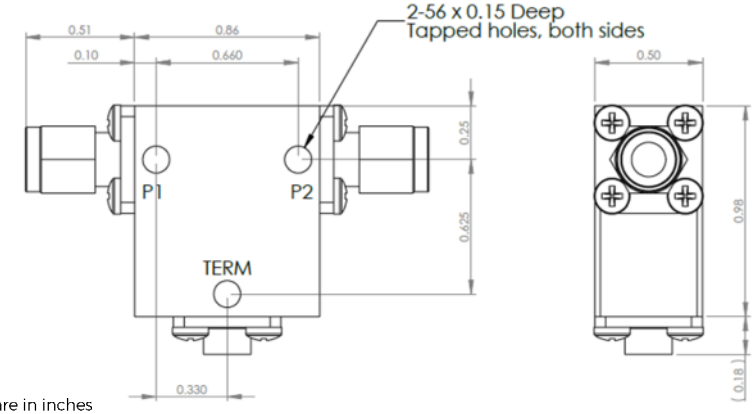
Mechanical/Environmental Specifications

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 +85˚C
Weight (oz)	1.0 MAX

D3I8012 Dimensions



D3I8012-3 Dimensions



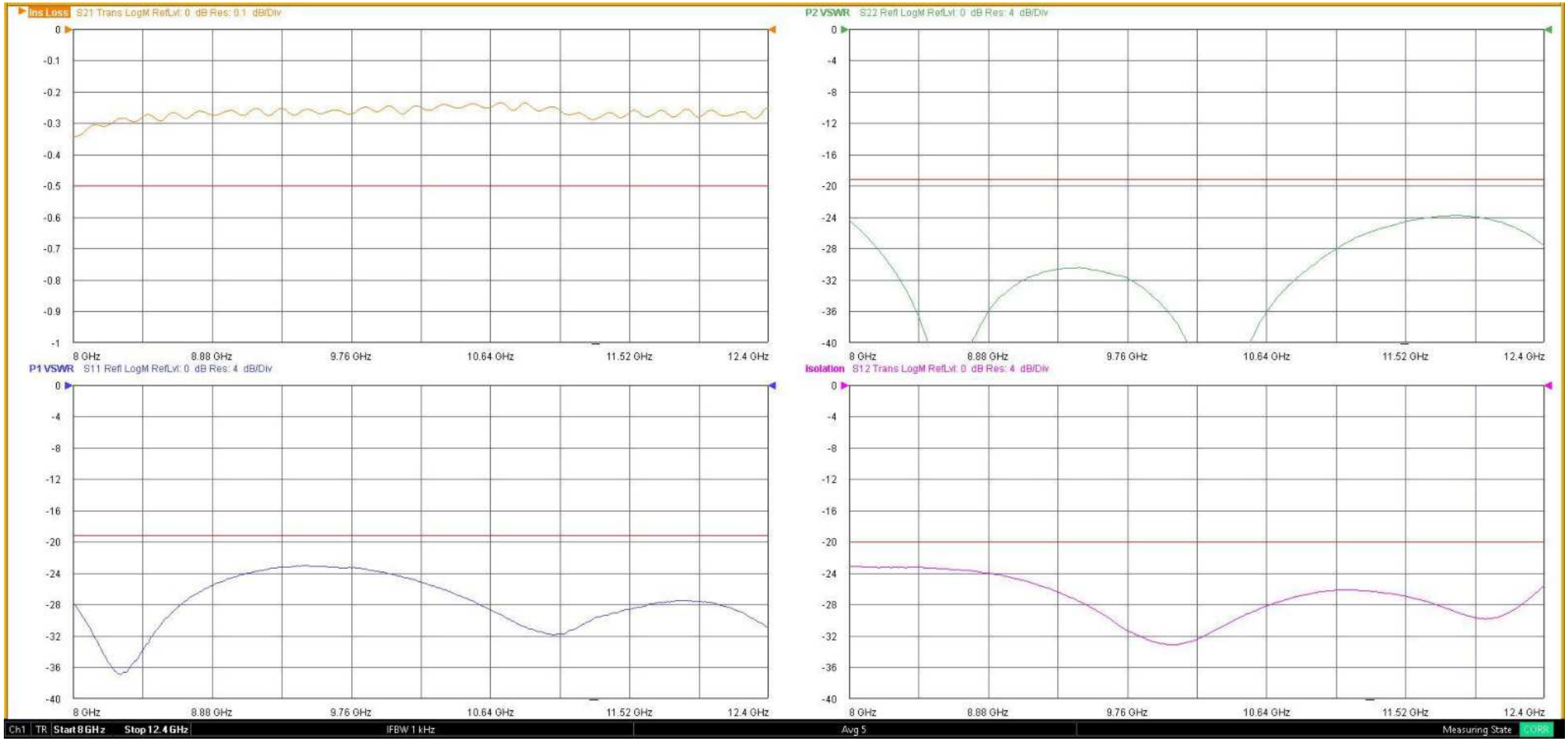
Dimensions are in inches
Tolerance
XX ±0.03
XXX ±0.010

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	D3I8012
	-1	Male / Female	D3I8012-1
	-2	Female / Male	D3I8012-2
	-3	Male / Male	D3I8012-3

DiTom MICROWAVE INC.

MEASURED DATA

Part Number: D3I8012, +25˚C



DiTom Microwave · 7592 N Maroa Ave Fresno, CA USA · PH +001-559-790-1130 · FAX +001-559-255-1667