



Part Number: D4I3742

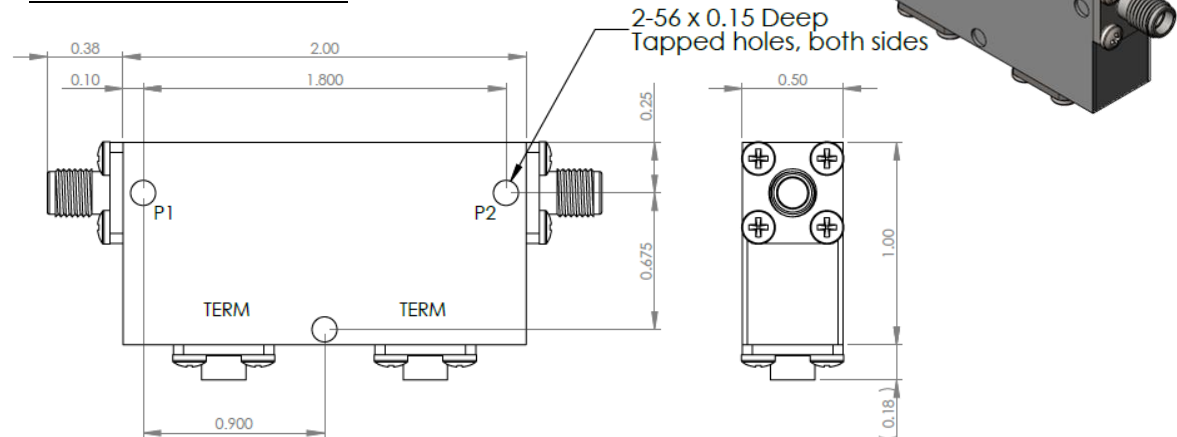
Electrical Specifications

Frequency Range (GHz):	3.7 – 4.2
Isolation (dB):	46 MIN
Insertion Loss (dB):	0.6 MAX
VSWR:	1.15:1 MIN
Forward Power (W):	20 AVG 50 PK
Reflective Power (W):	2 AVG

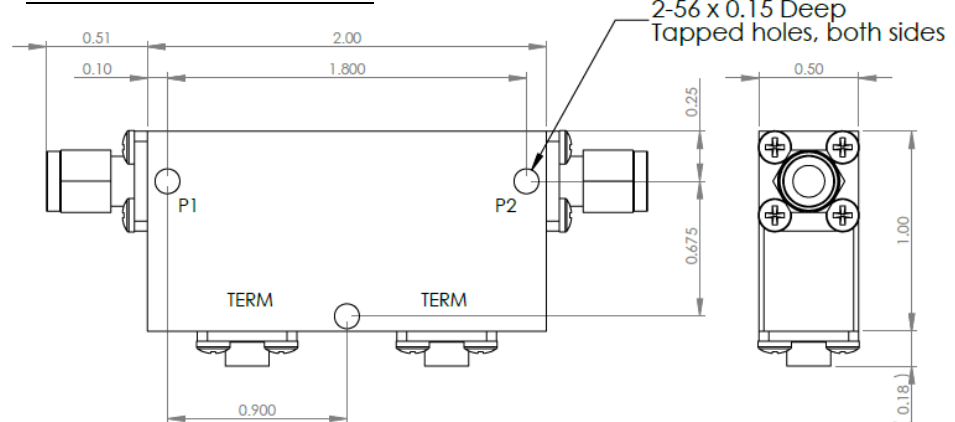
Mechanical/Environmental Specifications

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
Weight (oz)	4.0 MAX

D4I3742 Dimensions



D4I3742-3 Dimensions



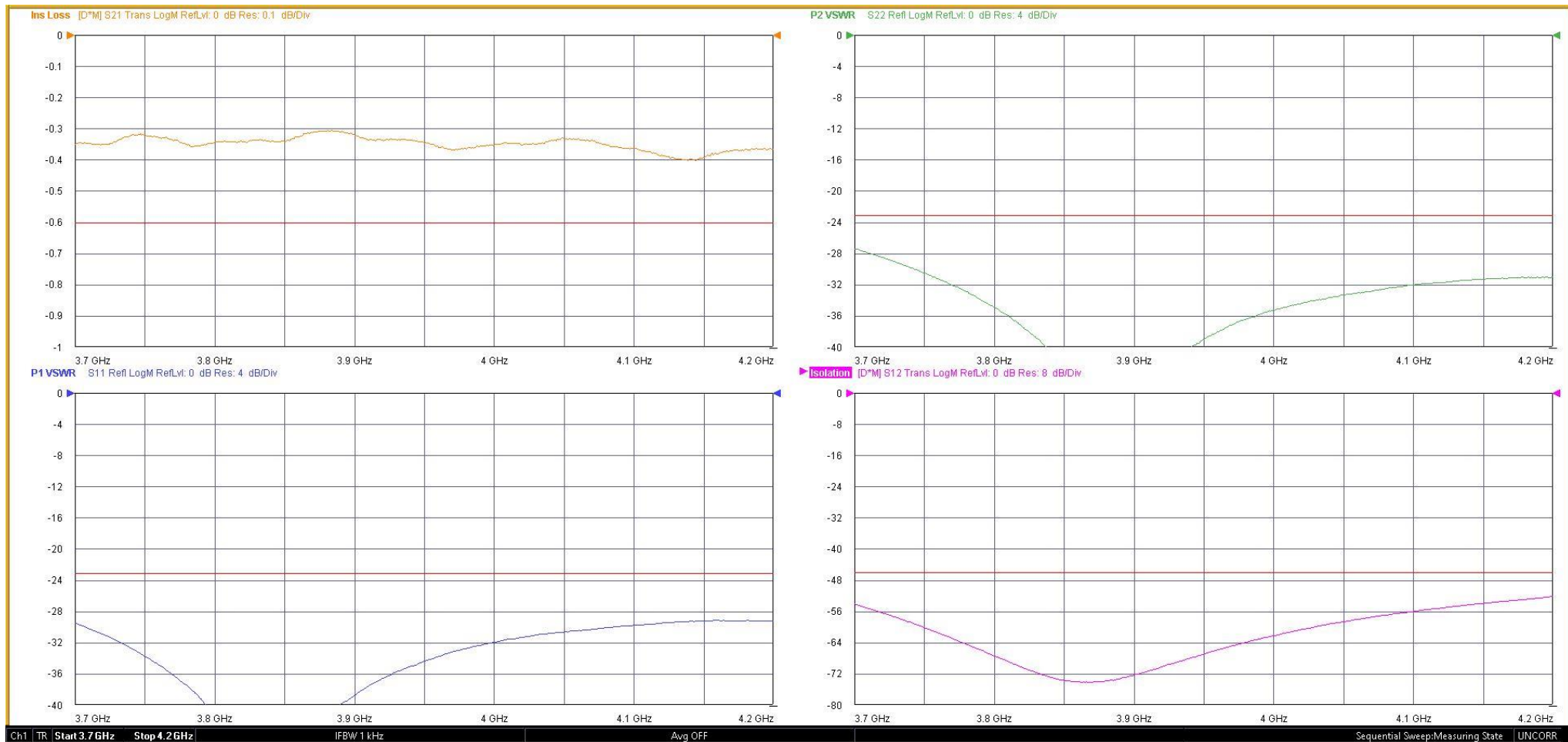
Dimensions are in inches
Tolerance
XX ±0.03
XXX ±0.010

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	D4I3742
	-1	Male / Female	D4I3742-1
	-2	Female / Male	D4I3742-2
	-3	Male / Male	D4I3742-3



MEASURED DATA

Part Number: D4I3742, +25°C



Mouser Electronics

Authorized Distributor

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[D4I3742](#) [D4I3742-1](#) [D4I3742-2](#) [D4I3742-3](#)