



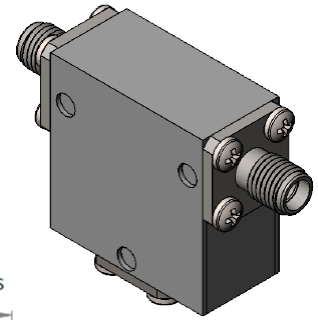
## Part Number: D3I3742

### Electrical Specifications

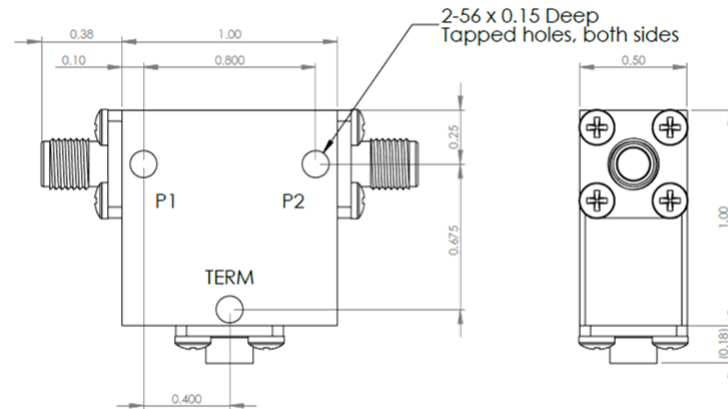
Frequency Range (GHz):	3.7 - 4.2
Isolation (dB):	23 MIN
Insertion Loss (dB):	0.3 MAX
VSWR:	1.15:1 MIN
Forward Power (W):	20 AVG 50 PK
Reflective Power (W):	2 AVG

### Mechanical/Environmental Specifications

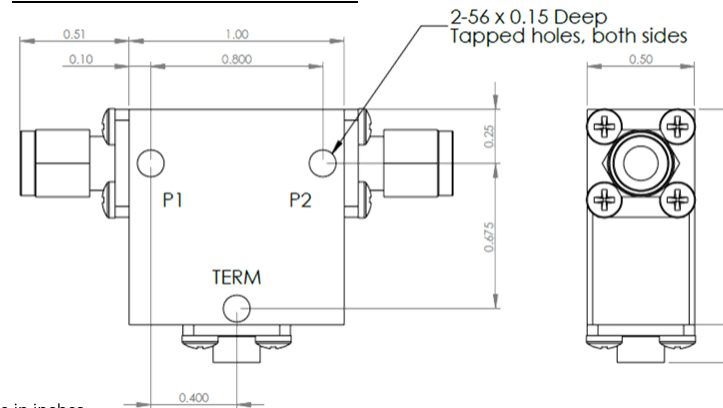
Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Load Body:	Brass
Magnetic Shunt:	Nickel plated CRS
Operational Temp:	-30°C to +65°C
Weight (oz)	2.0 MAX



### D3I3742 Dimensions



### D3I3742-3 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	D3I3742
	-1	Male / Female	D3I3742-1
	-2	Female / Male	D3I3742-2
	-3	Male / Male	D3I3742-3



# MEASURED DATA

Part Number: D3I3742, +25°C

