



Part Number: D3I8012YMG

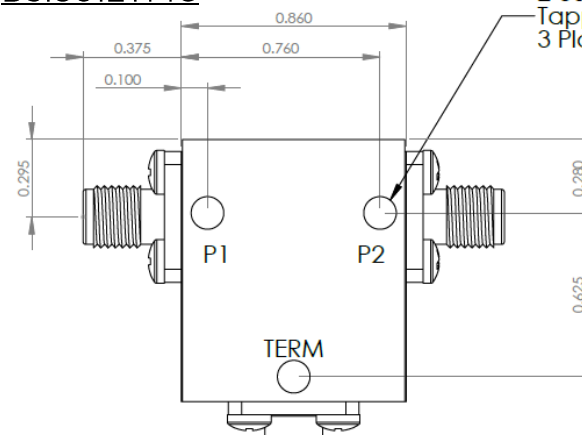
Electrical Specifications

Frequency Range (GHz):	8.0	–	12.0
Isolation (dB):	22	MIN	
Insertion Loss (dB):	0.4	MAX	
Return Loss (dB):	20	MIN	
Forward Power (W):	25	AVG	
	300	PK	
Reflective Power (W):	2	AVG	

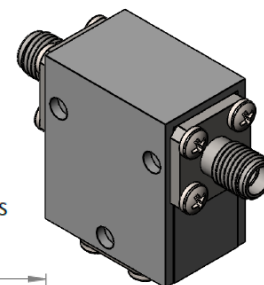
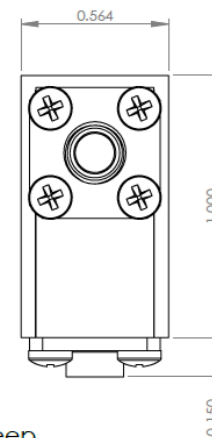
Mechanical/Environmental Specifications

Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Load Body:	Brass
Magnetic Shunt:	Nickel plated CRS
Magnetically Shielded:	Yes
Operational Temp:	< 77K
Weight (oz)	1.0 MAX

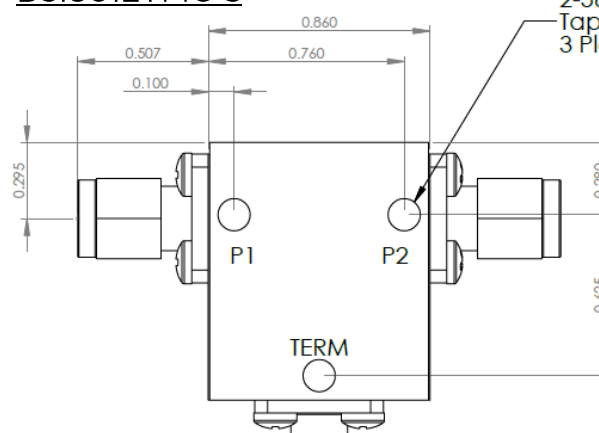
D3I8012YMG



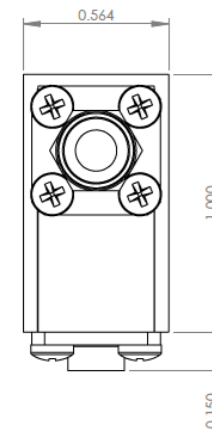
2-56 x 0.15 Deep
Tapped Holes, Both sides
3 Places



D3I8012YMG-3



2-56 x 0.15 Deep
Tapped Holes, Both sides
3 Places



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	D3I8012YMG
	-1	Male / Female	D3I8012YMG-1
	-2	Female / Male	D3I8012YMG-2
	-3	Male / Male	D3I8012YMG-3



MEASURED DATA

Part Number: D3I8012YMG, Measured at 77K

