



Part Number: D3I8012Y-4K

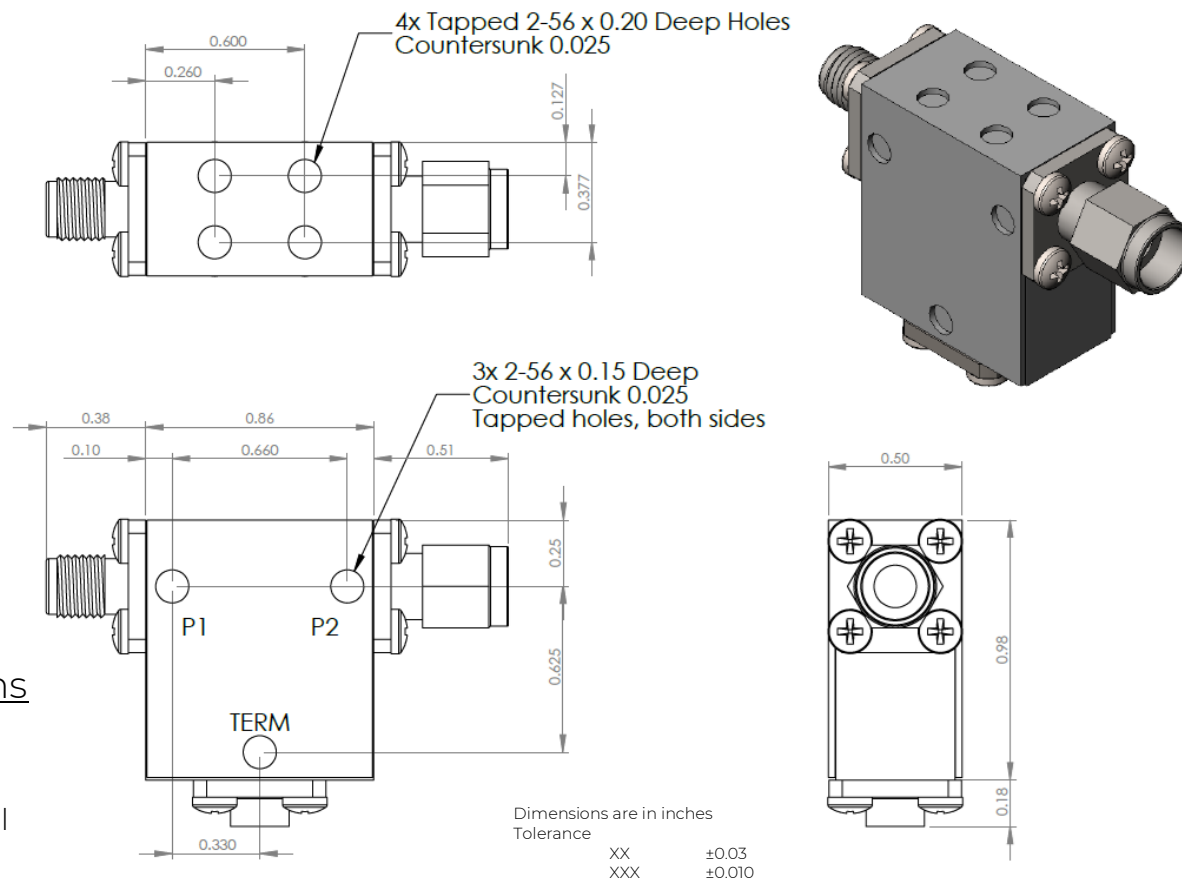
Electrical Specifications

Frequency Range (GHz):	8.0 – 12.0
Isolation (dB):	20 MIN
Insertion Loss (dB):	0.4 MAX
Return Loss (dB):	20 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
Optimized Temperature:	< 4K
Weight (oz)	1.0 MAX

D3I8012Y-4K-2 Dimensions



Type of Device	PN Suffix	Connector Configuration Port 1 / Port 2	PN Example
Single and Dual Junction Isolator, 2-Port Device Port 1 / Port 2	N/A	Female / Female	D3I8012Y-4K
	-1	Male / Female	D3I8012Y-4K-1
	-2	Female / Male	D3I8012Y-4K-2
	-3	Male / Male	D3I8012Y-4K-3



MEASURED DATA

Part Number: D3I8012Y-4K, Measured at 4K

