



Part Number: D3I4012Y-77K

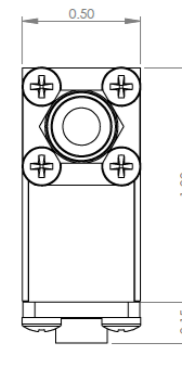
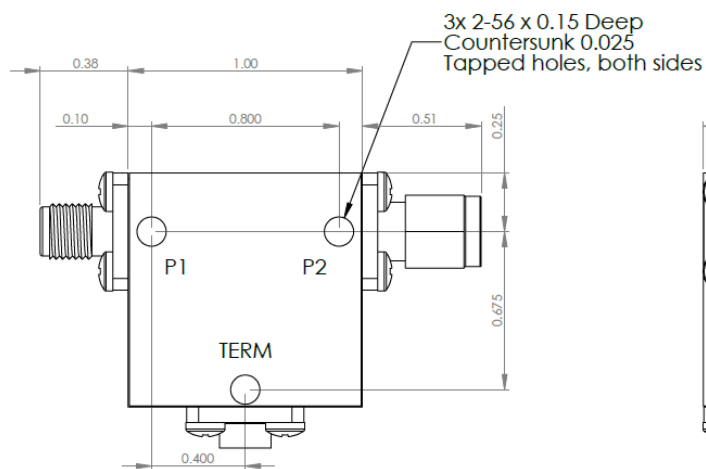
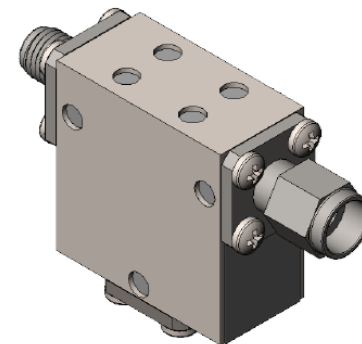
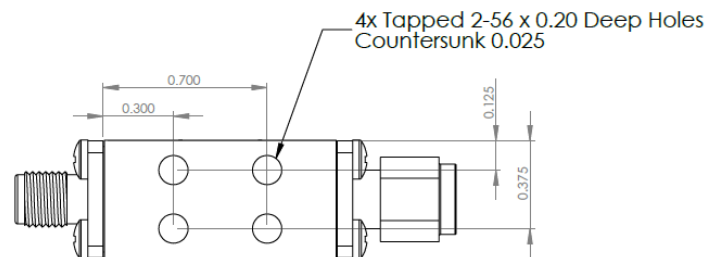
Electrical Specifications

Frequency Range (GHz): 4.0 – 12.0
 Isolation (dB): 12 MIN
 Insertion Loss (dB): 0.8 MAX
 Return Loss (dB): 12 MIN
 Forward Power (W): 20 AVG
 30 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: < 77K
 Weight (oz) 2.0 MAX

D3I4012Y-77K-2



Dimensions are in inches
 Tolerance
 XX ±0.03
 XXX ±0.010

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	D3I4012Y-77K
	-1	Male / Female	D3I4012Y-77K-1
	-2	Female / Male	D3I4012Y-77K-2
	-3	Male / Male	D3I4012Y-77K-3



MEASURED DATA

Part Number: D3I4012Y-77K, Measured at 77K

