



Part Number: D3C4012YMG-77K

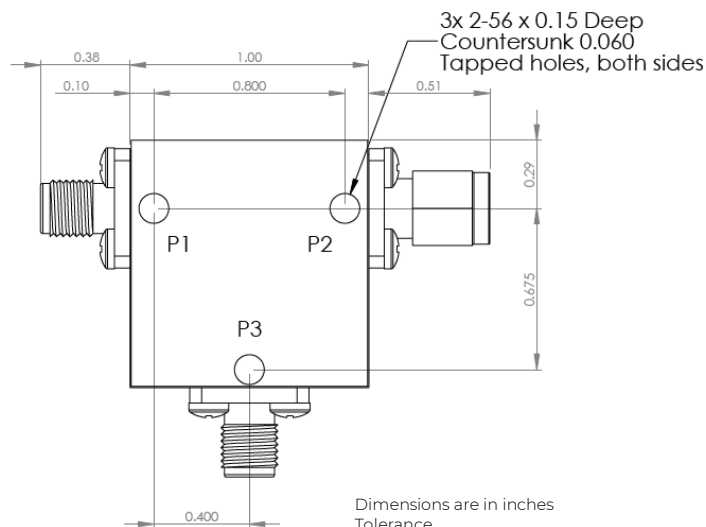
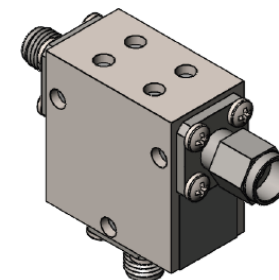
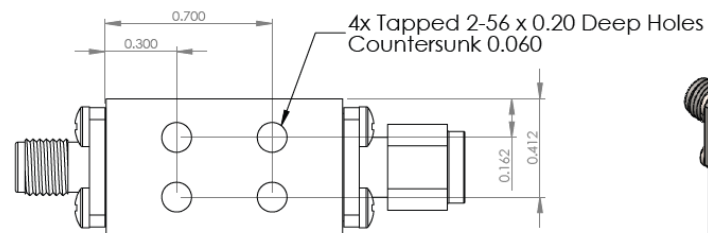
Electrical Specifications

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

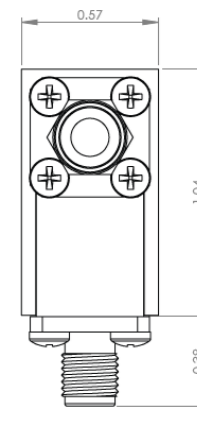
Mechanical/Environmental Specifications

Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Magnetic Shunt:	Nickel plated CRS
Magnetically Shielded:	Yes
Optimized Temperature:	< 77K
Weight (oz)	2.0 MAX

D3C4012YMG-77K-2



Dimensions are in inches
Tolerance
XX ±0.03
XXX ±0.010



Type of Device	PN Suffix	Connector Configuration Port 1 / Port 2 / Port 3	PN Example
Single Junction Circulator 3-Port Device Port 1 / Port 2 / Port 3	No Dash	Female / Female / Female	D3C4012YMG-77K
	-1	Male / Female / Female	D3C4012YMG-77K-1
	-2	Female / Male / Female	D3C4012YMG-77K-2
	-3	Male / Male / Male	D3C4012YMG-77K-3
	-4	Female / Female / Male	D3C4012YMG-77K-4
	-5	Male / Female / Male	D3C4012YMG-77K-5
	-6	Male / Male / Female	D3C4012YMG-77K-6
	-7	Female / Male / Male	D3C4012YMG-77K-7



MEASURED DATA

Part Number: D3C4012YMG-77K, P1→P2, P3 Terminated with 50Ω, Measured at 77K

