



Part Number: D3MC4012Y-4K

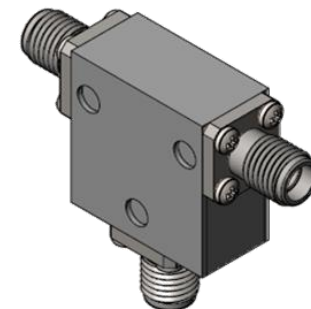
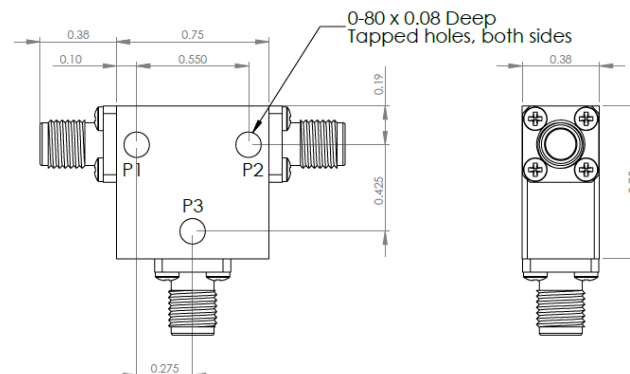
Electrical Specifications

Frequency Range (GHz):	4.80 – 11.75
Isolation (dB):	13 MIN
Insertion Loss (dB):	1.0 MAX
Return Loss (dB):	14 MIN
Forward Power (W):	30 AVG
	30 PK

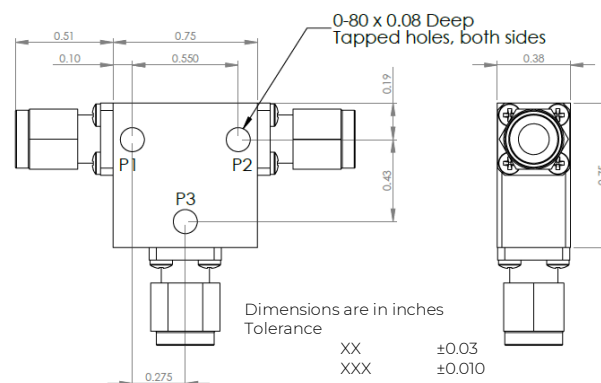
Mechanical/Environmental Specifications

Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Magnetic Shunt:	Nickel plated CRS
Optimized Temperature:	< 4K
Weight (oz)	0.8 MAX

D3MC4012Y-4K



D3MC4012Y-4K-3



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	D3MC4012Y-4K
	-1	Male / Female / Female	D3MC4012Y-4K-1
	-2	Female / Male / Female	D3MC4012Y-4K-2
	-3	Male / Male / Male	D3MC4012Y-4K-3
	-4	Female / Female / Male	D3MC4012Y-4K-4
	-5	Male / Female / Male	D3MC4012Y-4K-5
	-6	Male / Male / Female	D3MC4012Y-4K-6
	-7	Female / Male / Male	D3MC4012Y-4K-7



MEASURED DATA

Part Number: D3MC4012Y-4K, P1→P2, P3 Terminated with 50Ω, Measured at 4K

