



Part Number: D3C8510Y-4K

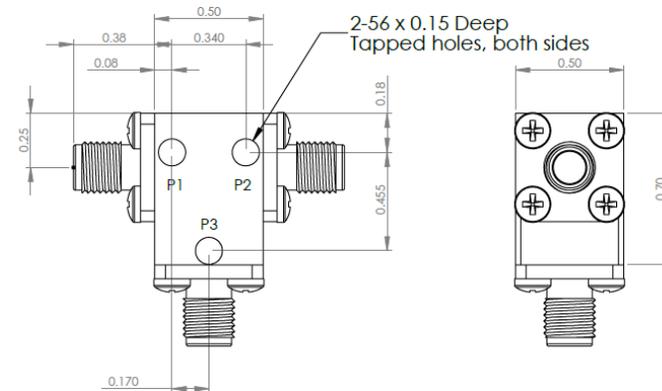
Electrical Specifications

Frequency Range (GHz): 8.5 – 10.5  
 Isolation (dB): 24 MIN  
 Insertion Loss (dB): 0.3 MAX  
 Return Loss (dB): 20 MIN  
 Forward Power (W): 10 AVG  
 30 PK

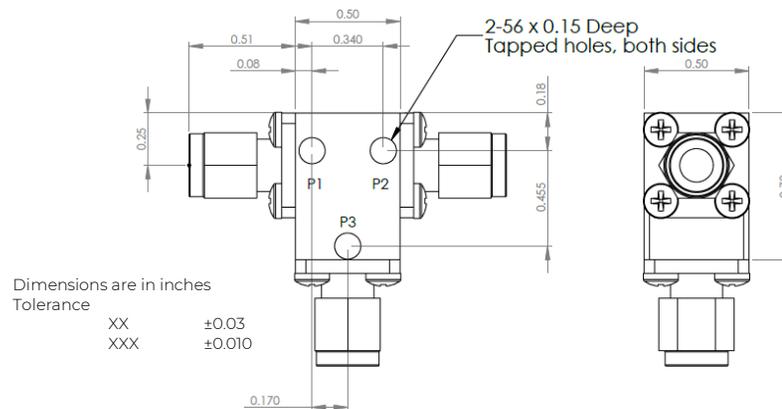
Mechanical/Environmental Specifications

Connector Type: SMA  
 Connector Body: Passivated stainless steel  
 Connector Pin: Gold plated copper  
 Magnetic Shunt: Nickel plated CRS  
 Optimized Temperature: < 4K  
 Weight (oz) 0.9 MAX

D3C8510Y-4K



D3C8510Y-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	D3C8510Y-4K
	-1	Male / Female / Female	D3C8510Y-4K-1
	-2	Female / Male / Female	D3C8510Y-4K-2
	-3	Male / Male / Male	D3C8510Y-4K-3
	-4	Female / Female / Male	D3C8510Y-4K-4
	-5	Male / Female / Male	D3C8510Y-4K-5
	-6	Male / Male / Female	D3C8510Y-4K-6
	-7	Female / Male / Male	D3C8510Y-4K-7



## MEASURED DATA

Part Number: D3C8510Y-4K, P1→P2, P3 Terminated with 50Ω, Measured at 4K

