



Part Number: D3C2427Y-77K

Electrical Specifications

Frequency Range (GHz): 24.3 – 27.3

Isolation (dB): 16 MIN

Insertion Loss (dB): 0.3 MAX

Return Loss (dB): 16 MIN

Forward Power (W): 10 AVG

30 PK

Mechanical/Environmental Specifications

Connector Type: K

Connector Body: Passivated stainless steel

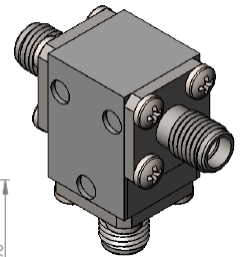
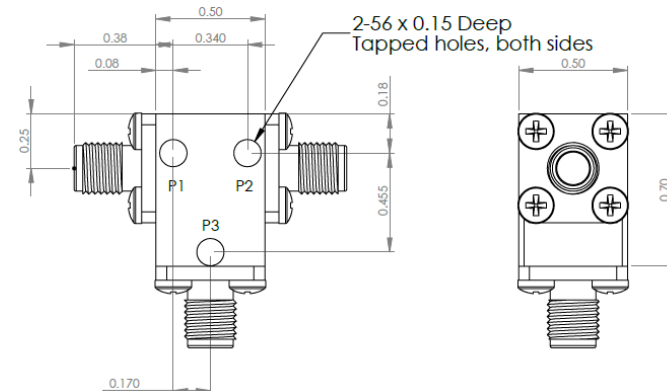
Connector Pin: Gold plated copper

Magnetic Shunt: Nickel plated CRS

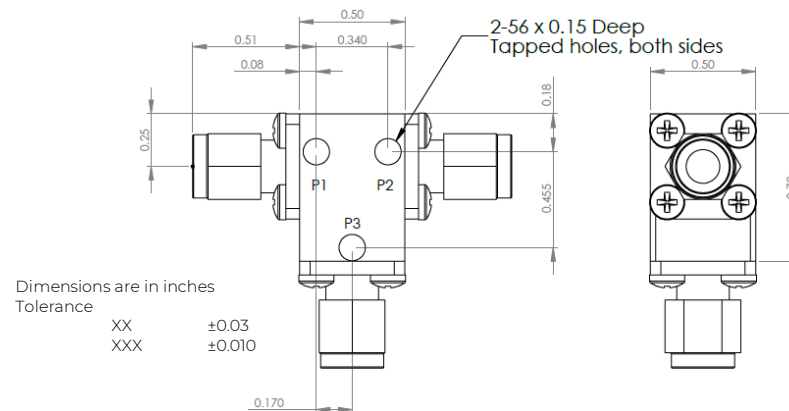
Optimized Temperature: < 77K

Weight (oz) 0.9 MAX

D3C2427Y-77K



D3C2427Y-77K-3



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	D3C2427Y-77K
	-1	Male / Female / Female	D3C2427Y-77K-1
	-2	Female / Male / Female	D3C2427Y-77K-2
	-3	Male / Male / Male	D3C2427Y-77K-3
	-4	Female / Female / Male	D3C2427Y-77K-4
	-5	Male / Female / Male	D3C2427Y-77K-5
	-6	Male / Male / Female	D3C2427Y-77K-6
	-7	Female / Male / Male	D3C2427Y-77K-7



MEASURED DATA

Part Number: D3C2427Y-77K, P1→P2, P3 Terminated with 50Ω, Measured at 77K

