



Part Number: D4C8012Y-77K

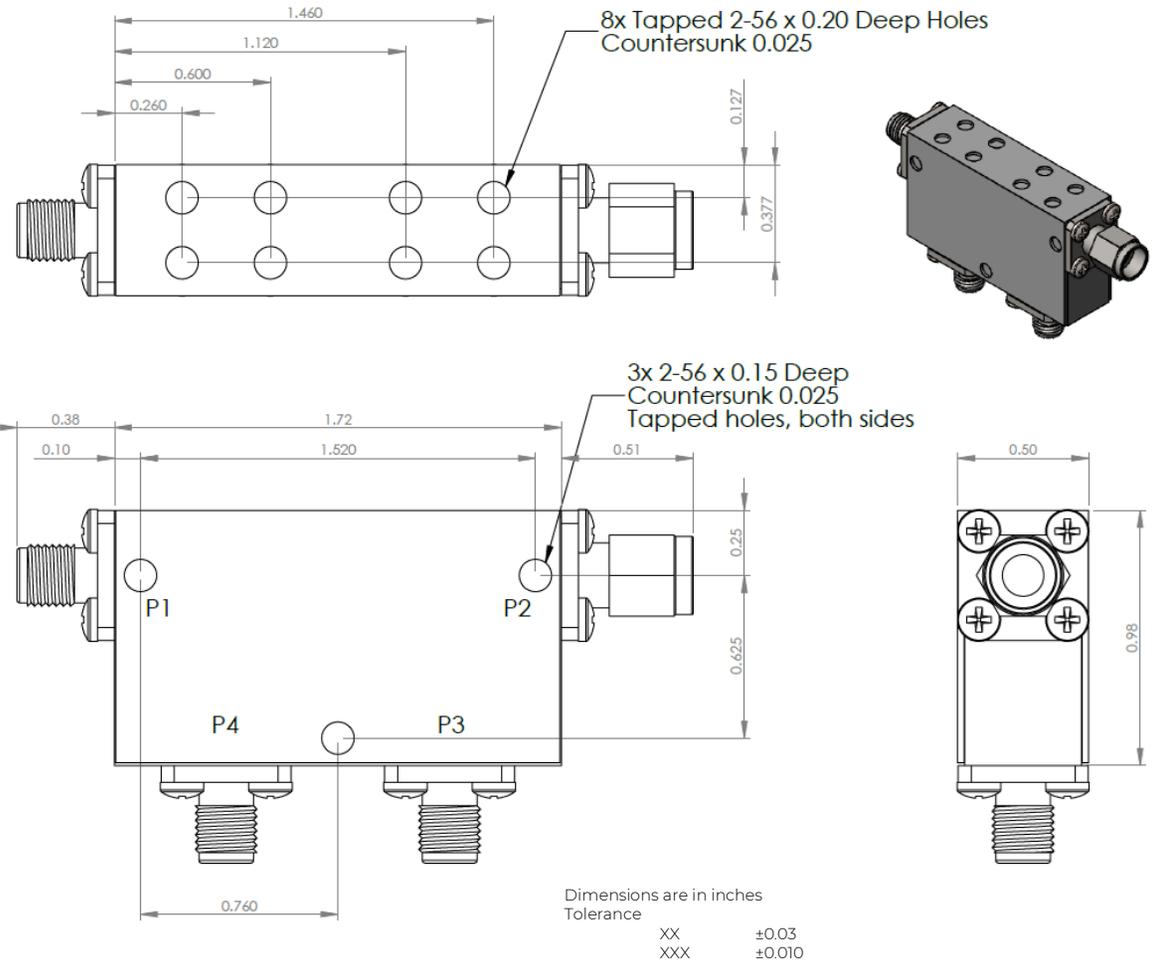
Electrical Specifications

Frequency Range (GHz): 8.0 – 12.0
 Isolation (dB): 22 MIN (per junction)
 Insertion Loss (dB): 0.35 MAX (per junction)
 Return Loss (dB): 20 MIN (per junction)
 Forward Power (W): 25 AVG
 500 PK

Mechanical/Environmental Specifications

Connector Type: SMA
 Connector Body: Passivated stainless steel
 Connector Pin: Gold plated copper
 Magnetic Shunt: Nickel plated CRS
 Optimized Temperature: < 77K
 Weight (oz) 4.0 MAX

D4C8012Y-77K-2 Dimensions



Type of Device	PN Suffix	Connector Configuration Port 1 / Port 2 / Port 3 / Port 4	PN Example
Dual Junction Circulator 4-Port Device	No Dash	Female / Female / Female / Female	D4C8012Y-77K
	-1	Male / Female / Female / Female	D4C8012Y-77K-1
	-2	Female / Male / Female / Female	D4C8012Y-77K-2
	-3	Male / Male / Male / Male	D4C8012Y-77K-3
	-4	Female / Female / Male / Female	D4C8012Y-77K-4
Port 1 / Port 2 / Port 3 / Port 4	-5	Female / Female / Female / Male	D4C8012Y-77K-5



MEASURED DATA

Part Number: D4C8012Y-77K, P1→P2, P3 & P4 Terminated with 50Ω, Measured at 77K

