



Part Number: D3I6313YMG-77K

Electrical Specifications

Frequency Range (GHz): 6.30 – 13.75

Isolation (dB): 12 MIN

Insertion Loss (dB): 1.0 MAX

Return Loss (dB): 12 MIN

Forward Power (W): 25 AVG

500 PK

Reflective Power (W): 2 AVG

Mechanical/Environmental Specifications

Connector Type: SMA

Connector Body: Passivated stainless steel

Connector Pin: Gold plated copper

Load Body: Brass

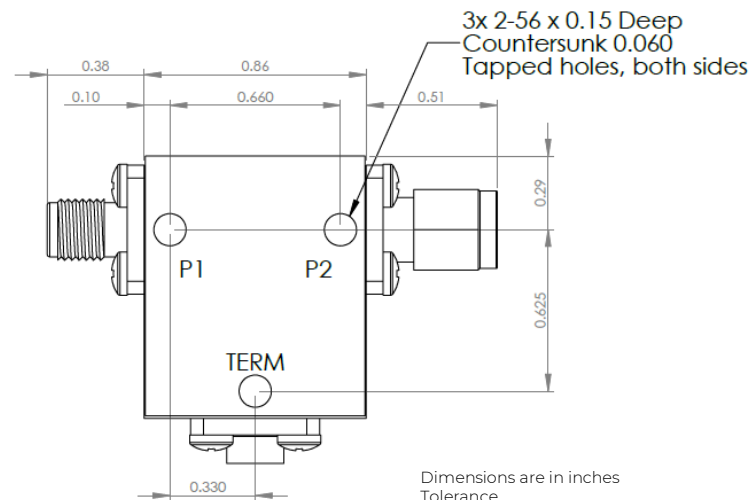
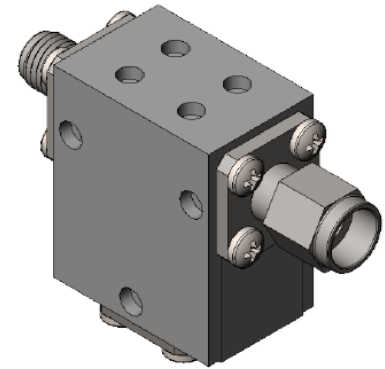
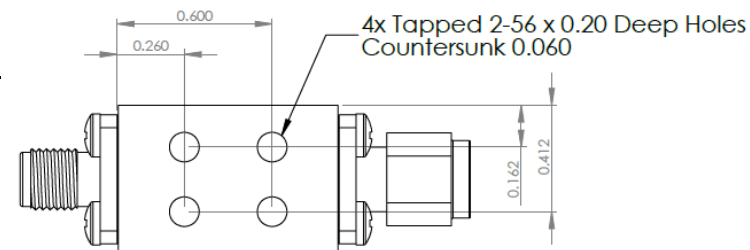
Magnetic Shunt: Nickel plated CRS

Magnetically Shielded: Yes

Optimized Temperature: $< 77\text{K}$

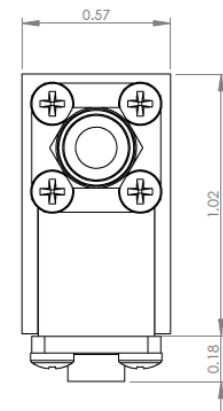
Weight (oz)	1.0	MAX
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D3I6313YMG-77K-2 Dimensions



Dimensions are in inches
Tolerance

XX	±0.03
XXX	±0.010



Type of Device	PN Suffix	Connector Configuration Port 1 / Port 2	PN Example
Single and Dual Junction Isolator, 2-Port Device	N/A	Female / Female	D3I6313YMG-77K
	-1	Male / Female	D3I6313YMG-77K-1
	-2	Female / Male	D3I6313YMG-77K-2
	-3	Male / Male	D3I6313YMG-77K-3



MEASURED DATA

Part Number: D3I63I3YMG-77K, Measured at 77K

