



Part Number: DHC8012

Electrical Specifications

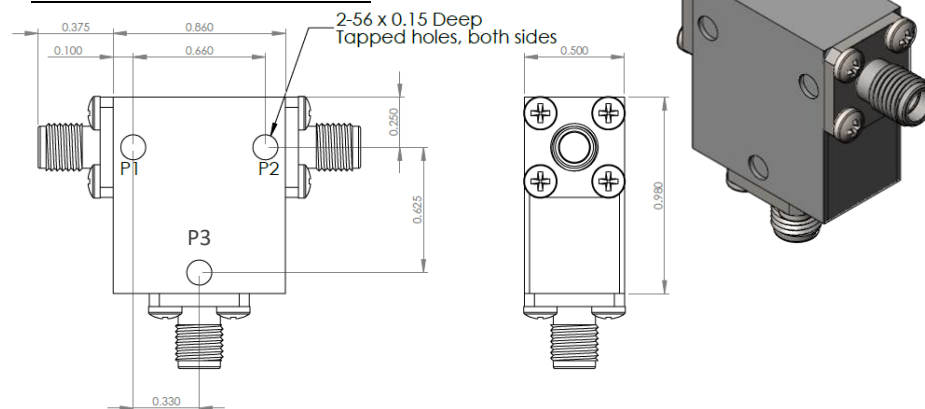
Frequency Range (GHz):	8.0 – 12.4
Isolation (dB):	20 MIN
Insertion Loss (dB):	0.5 MAX
VSWR:	1.25:1 MIN
Forward Power (W):	25 AVG 500 PK

Mechanical/Environmental Specifications

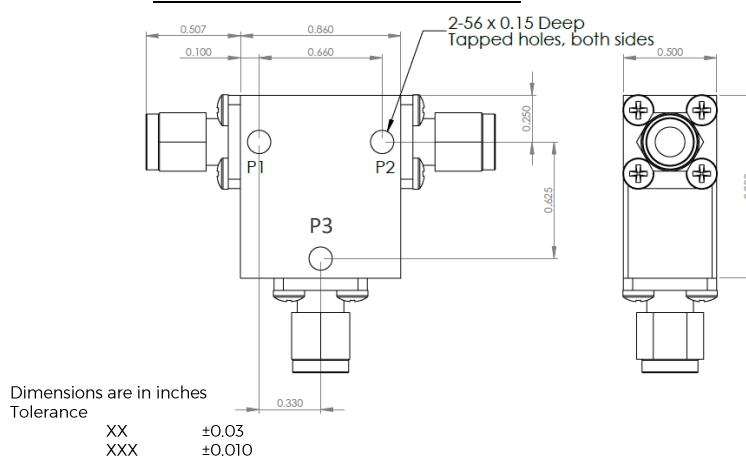
Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Load Body:	Brass
Magnetic Shunt:	Nickel plated CRS
External Coating:	Epoxy
Operational Temp:	-30°C to +85°C
Weight (oz):	1.0 MAX
Humidity:	> 95% RH
Vibration:	20grms
Shock:	20g pk
Altitude:	> 50kft
Screening Test:	Non-Operational Thermal Cycles
ATP:	Operational thermal cycling

Test Report Included w/CofC. To customize test procedures or specifications to your requirements, please contact DiTom.

DHC8012 Dimensions



DHC8012-3 Dimensions

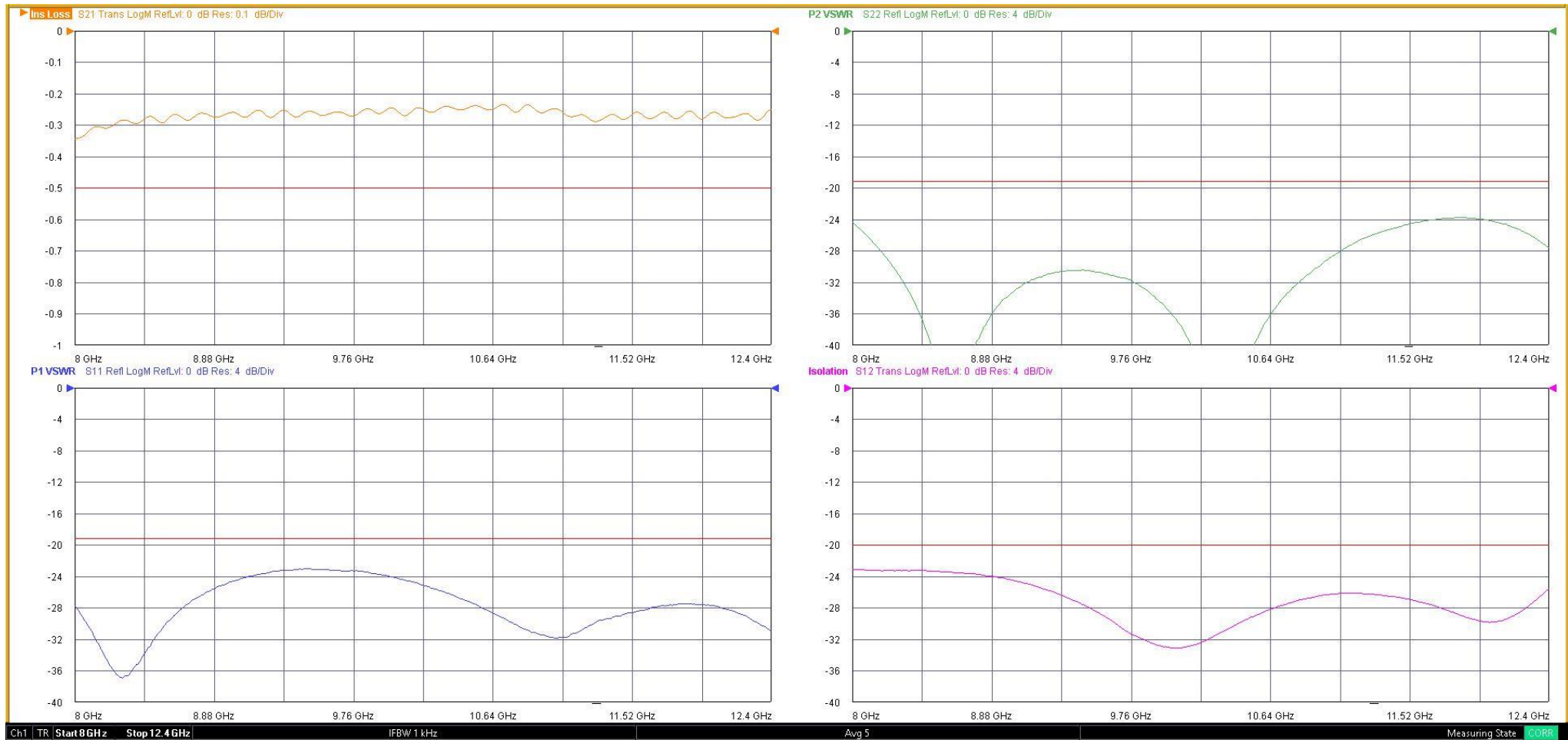


Type of Device	PN Suffix	Connector Configuration Input / Output	PN Example
Single Junction Circulator 3-Port Device Port 1 / Port 2 / Port 3	No Dash	Female / Female / Female	DHC8012
	-1	Male / Female / Female	DHC8012-1
	-2	Female / Male / Female	DHC8012-2
	-3	Male / Male / Male	DHC8012-3
	-4	Female / Female / Male	DHC8012-4
	-5	Male / Female / Male	DHC8012-5
	-6	Male / Male / Female	DHC8012-6
	-7	Female / Male / Male	DHC8012-7



MEASURED DATA

Part Number: DHC8012, P1→P2, P3 Terminated with 50Ω, +25°C



Mouser Electronics

Authorized Distributor

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[DHC8012](#) [DHC8012-1](#) [DHC8012-2](#) [DHC8012-3](#) [DHC8012-4](#) [DHC8012-5](#) [DHC8012-6](#) [DHC8012-7](#)