



Part Number: D3C1213

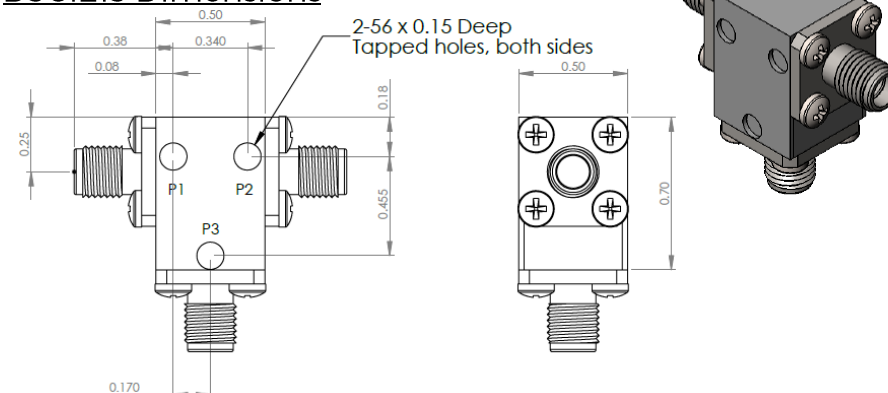
Electrical Specifications

Frequency Range (GHz):	11.7 – 12.7
Isolation (dB):	23 MIN
Insertion Loss (dB):	0.3 MAX
VSWR:	1.2:1 MIN
Forward Power (W):	10 AVG
	50 PK

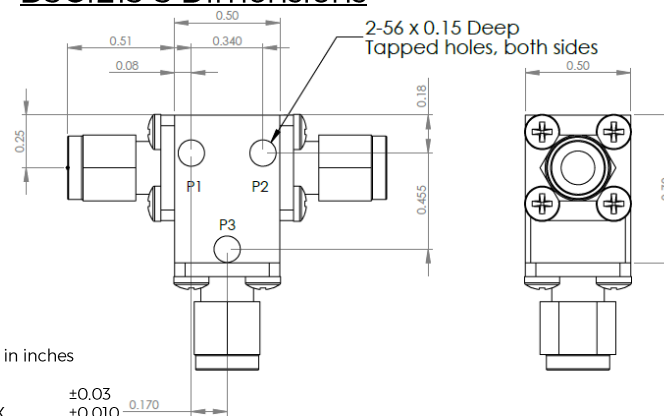
Mechanical/Environmental Specifications

Connector Type:	SMA
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Load Body:	Brass
Magnetic Shunt:	Nickel plated CRS
Operational Temp:	-30°C to +65°C
Weight (oz)	0.9 MAX

D3C1213 Dimensions



D3C1213-3 Dimensions



Dimensions are in inches
Tolerance

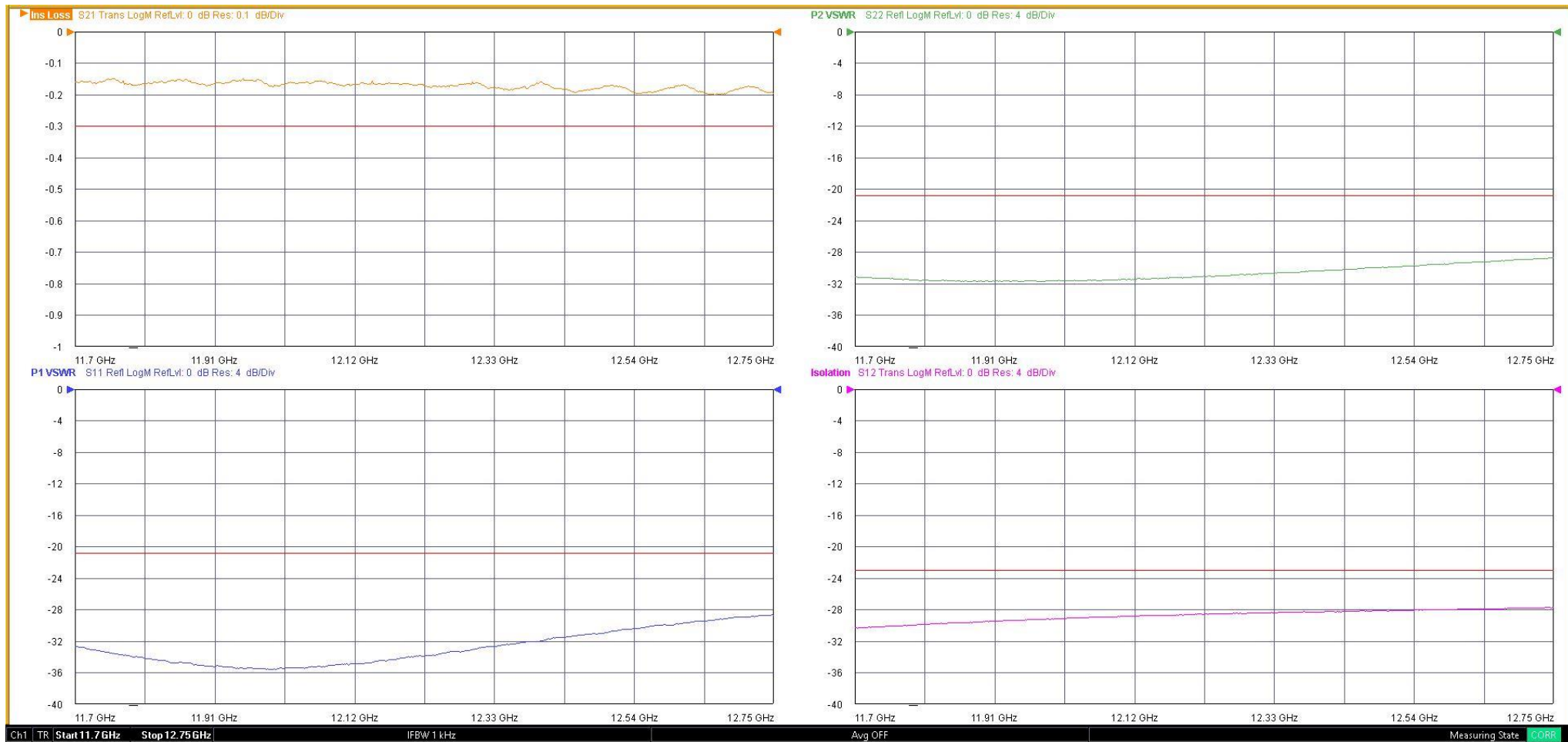
XX ±0.03
XXX ±0.010

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	D3C1213
	-1	Male / Female / Female	D3C1213-1
	-2	Female / Male / Female	D3C1213-2
	-3	Male / Male / Male	D3C1213-3
	-4	Female / Female / Male	D3C1213-4
	-5	Male / Female / Male	D3C1213-5
	-6	Male / Male / Female	D3C1213-6
	-7	Female / Male / Male	D3C1213-7



MEASURED DATA

Part Number: D3C1213, P1→P2, P3 Terminated with 50Ω, +25°C



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[DiTom:](#)

[D3C1213](#) [D3C1213-1](#) [D3C1213-2](#) [D3C1213-3](#) [D3C1213-4](#) [D3C1213-5](#) [D3C1213-6](#) [D3C1213-7](#)