



Part Number: DVC2731

Electrical Specifications

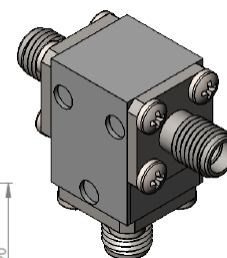
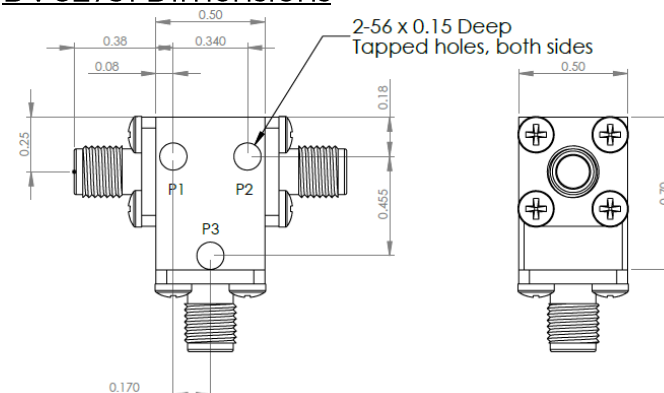
Frequency Range (GHz):	27.0 – 31.0
Isolation (dB):	20 MIN
Insertion Loss (dB):	0.6 MAX
VSWR:	1.25:1 MIN
Forward Power (W):	5 AVG 30 PK

Mechanical/Environmental Specifications

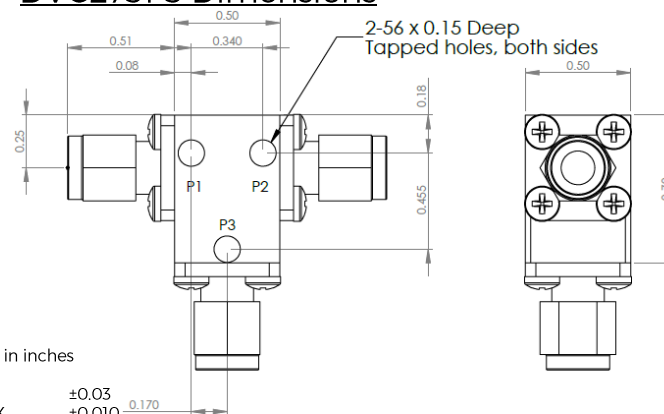
Connector Type:	K (2.92mm)
Connector Body:	Passivated stainless steel
Connector Pin:	Gold plated copper
Load Body:	Brass
Magnetic Shunt:	Nickel plated CRS
Operational Temp:	-20°C to +65°C
Weight (oz):	0.9 MAX
Outgassing:	Low outgassing materials only

To customize test procedures or specifications to your requirements, please contact DiTom.

DVC2731 Dimensions



DVC2731-3 Dimensions



Dimensions are in inches
Tolerance

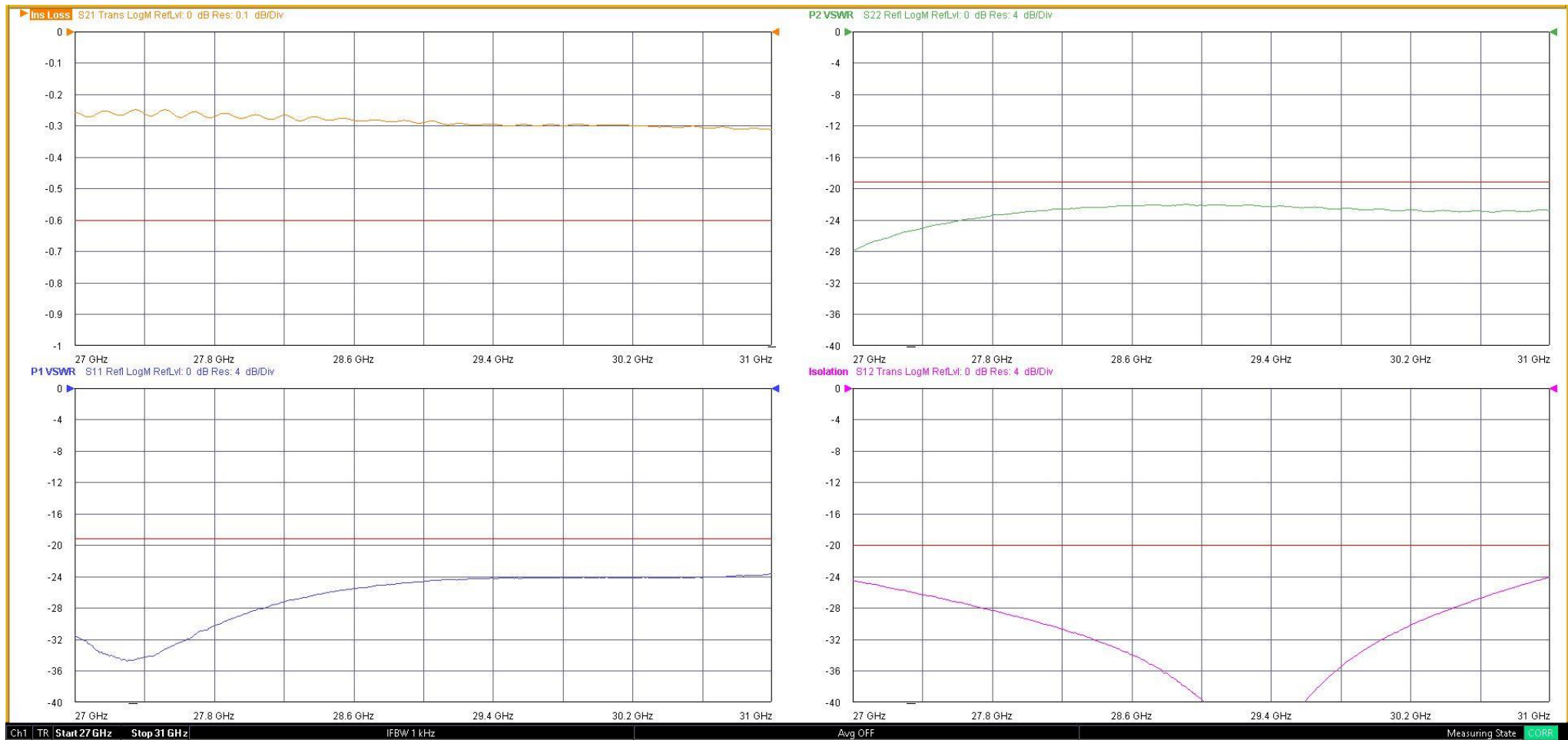
XX ±0.03
XXX ±0.010

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	DVC2731
	-1	Male / Female / Female	DVC2731-1
	-2	Female / Male / Female	DVC2731-2
	-3	Male / Male / Male	DVC2731-3
	-4	Female / Female / Male	DVC2731-4
	-5	Male / Female / Male	DVC2731-5
	-6	Male / Male / Female	DVC2731-6
	-7	Female / Male / Male	DVC2731-7



MEASURED DATA

Part Number: DVC2731, P1→P2, P3 Terminated with 50Ω, +25°C



Mouser Electronics

Authorized Distributor

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[DVC2731](#) [DVC2731-1](#) [DVC2731-2](#) [DVC2731-3](#) [DVC2731-4](#) [DVC2731-5](#) [DVC2731-6](#) [DVC2731-7](#)