DiTom MICROWAVE INC.

# Part Number: D3C6012

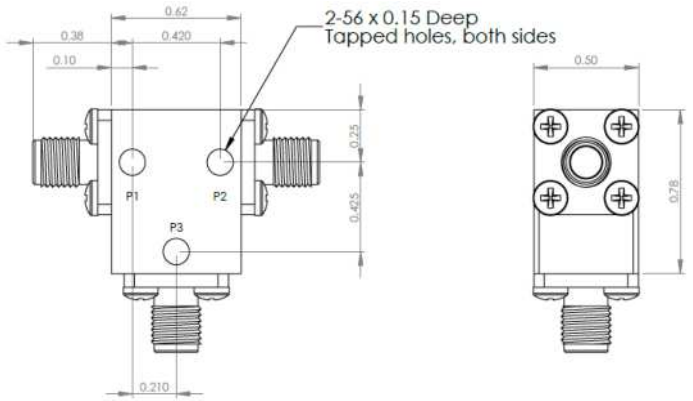
## Electrical Specifications

| | | |
|---|---|---|
| Frequency Range (GHz): | 6.0 – 12.4 | |
| Isolation (dB): | 17 | MIN |
| Insertion Loss (dB): | 0.6 | MAX |
| VSWR: | 1.35:1 | MIN |
| Forward Power (W): | 20 | AVG |
| | 30 | PK |

## Mechanical/Environmental Specifications

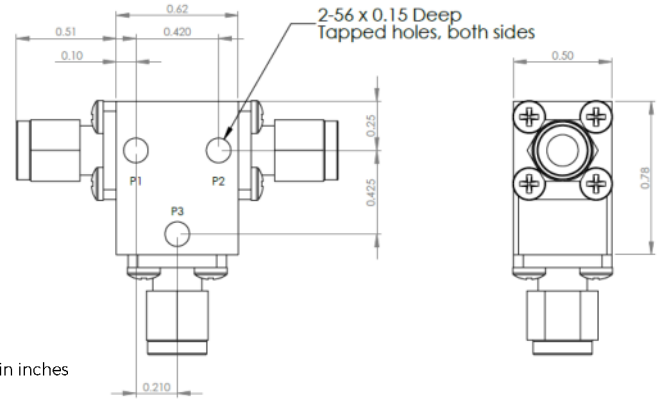
| | |
|---|---|
| Connector Type: | SMA |
| Connector Body: | Passivated stainless steel |
| Connector Pin: | Gold plated copper |
| Load Body: | Brass |
| Magnetic Shunt: | Nickel plated CRS |
| Operational Temp: | -10˚C to +60˚C |
| Weight (oz) | 1.0 MAX |

## D3C6012 Dimensions






## D3C6012-3 Dimensions




Dimensions are in inches
Tolerance

| | |
|---|---|
| XX | ±0.03 |
| XXX | ±0.010 |

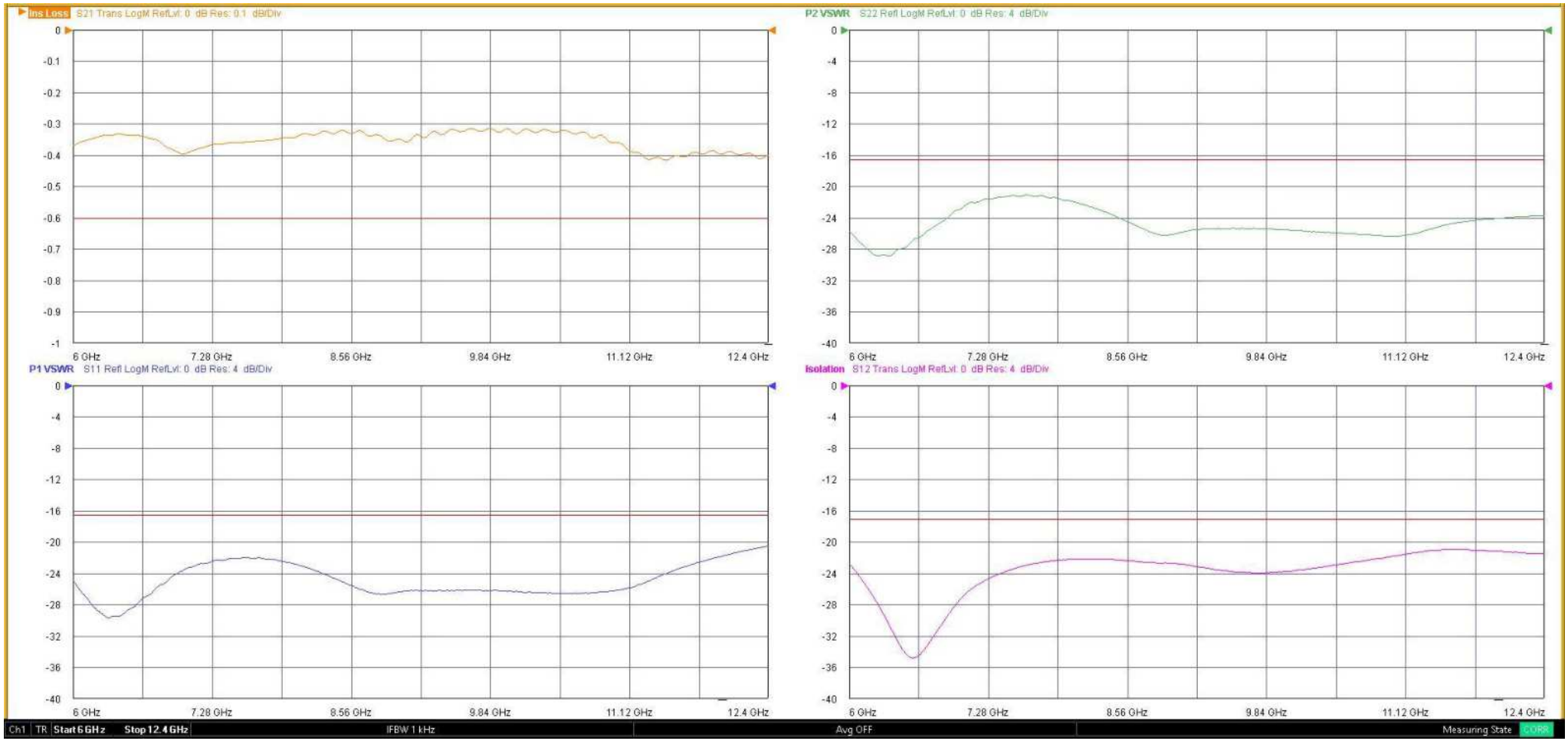
| Type of Device | PN Suffix | Connector Configuration<br>Input / Output | PN Example |
|---|---|---|---|
| Single Junction Circulator<br>3-Port Device<br><br>Port 1 / Port 2 / Port 3 | No Dash | Female / Female / Female | D3C6012 |
| | -1 | Male / Female / Female | D3C6012-1 |
| | -2 | Female / Male / Female | D3C6012-2 |
| | -3 | Male / Male / Male | D3C6012-3 |
| | -4 | Female / Female / Male | D3C6012-4 |
| | -5 | Male / Female / Male | D3C6012-5 |
| | -6 | Male / Male / Female | D3C6012-6 |
| | -7 | Female / Male / Male | D3C6012-7 |

DiTom Microwave · 7592 N Maroa Ave Fresno, CA USA · PH +001-559-790-1130 · FAX +001-559-255-1667

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# MEASURED DATA

Part Number: D3C6012, P1→P2, P3 Terminated with 50Ω, +25˚C




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