DiTom MICROWAVE INC.

# Part Number: D3C0102N

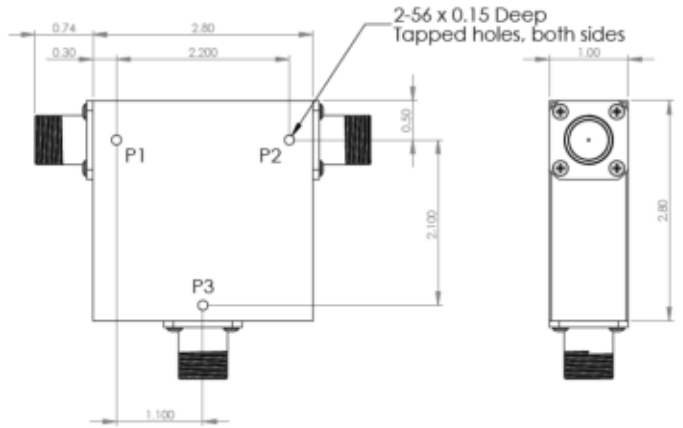
## Electrical Specifications

| | | |
|---|---|---|
| Frequency Range (GHz): | 1.0 – 2.0 | |
| Isolation (dB): | 18 | MIN |
| Insertion Loss (dB): | 0.5 | MAX |
| VSWR: | 1.3:1 | MIN |
| Forward Power (W): | 50 | AVG |
| | 75 | PK |

## Mechanical/Environmental Specifications

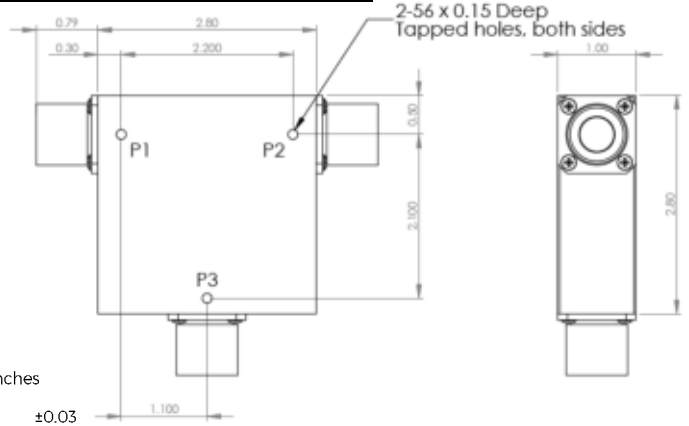
| | |
|---|---|
| Connector Type: | Type-N |
| Connector Body: | Nickel plated brass |
| Connector Pin: | Gold plated copper |
| Load Body: | Brass |
| Magnetic Shunt: | Nickel plated CRS |
| Operational Temp: | +10˚C to +55˚C |
| Weight (oz) | 15.0 MAX |

## D3C0102N Dimensions






## D3C0102N-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<br>Port 1 / Port 2 / Port 3 | No Dash | Female / Female / Female | D3C0102N |
| | -1 | Male / Female / Female | D3C0102N-1 |
| | -2 | Female / Male / Female | D3C0102N-2 |
| | -3 | Male / Male / Male | D3C0102N-3 |
| | -4 | Female / Female / Male | D3C0102N-4 |
| | -5 | Male / Female / Male | D3C0102N-5 |
| | -6 | Male / Male / Female | D3C0102N-6 |
| | -7 | Female / Male / Male | D3C0102N-7 |

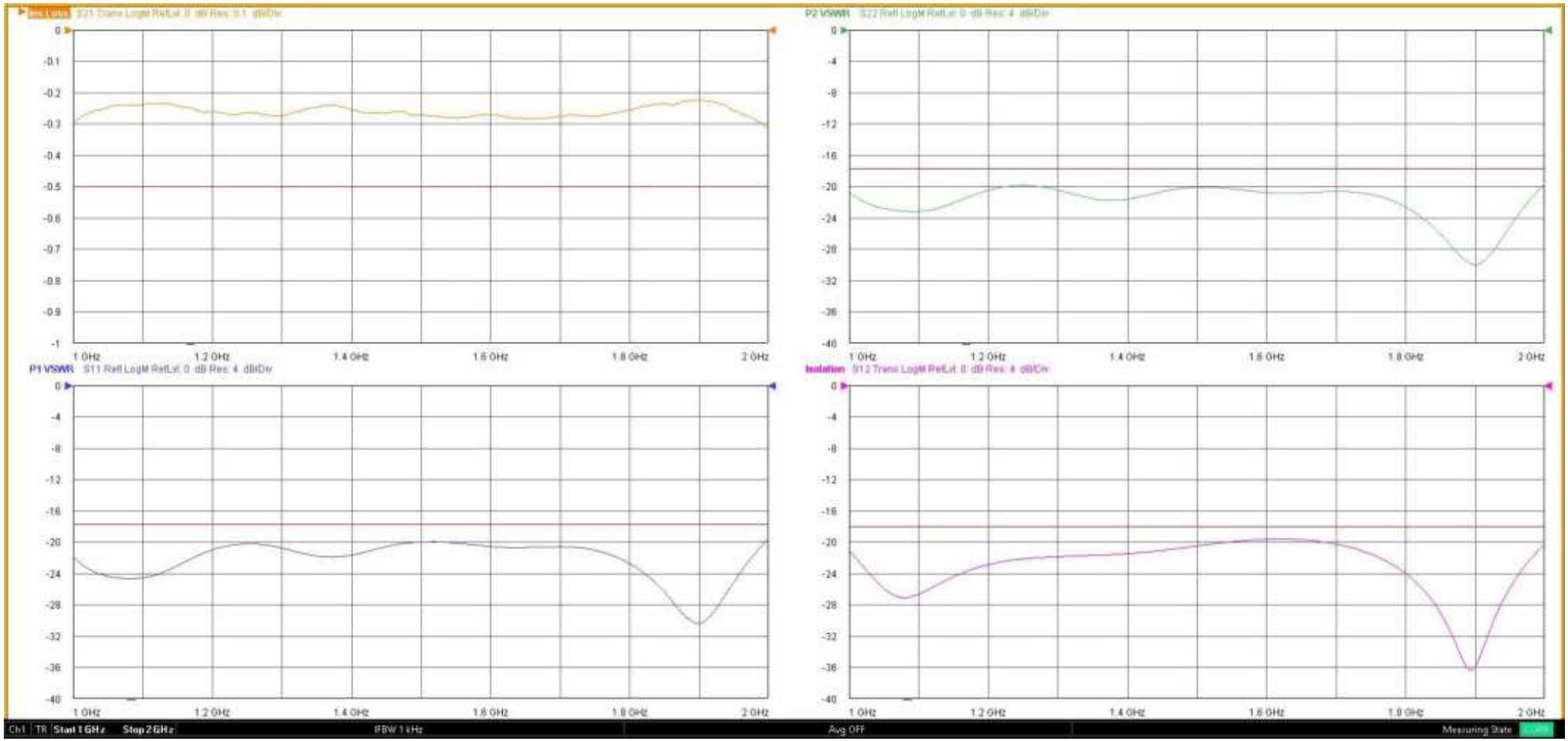
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# MEASURED DATA

Part Number: D3C0102N, P1→P2, P3 Terminated with 50Ω, +25˚C




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