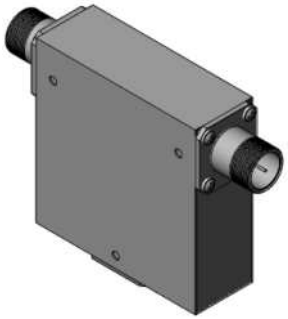
DiTom MICROWAVE INC.

# Part Number: D3I0102N



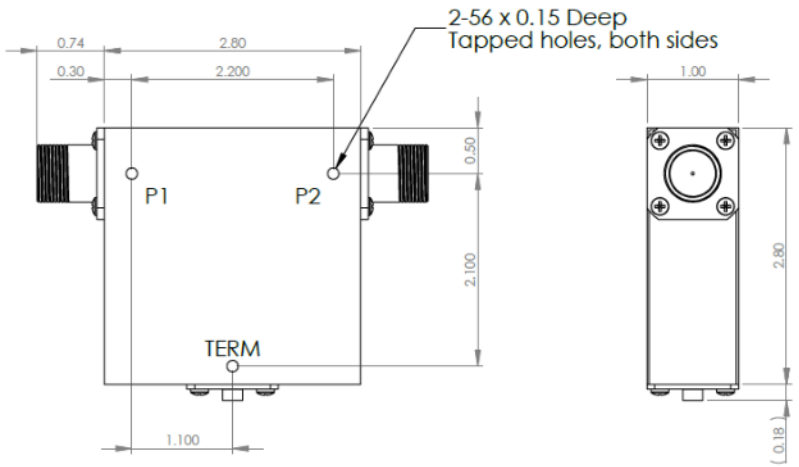
## Electrical Specifications

| | | |
|---|---|---|
| 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 |
| Reflective Power (W): | 10 | AVG |

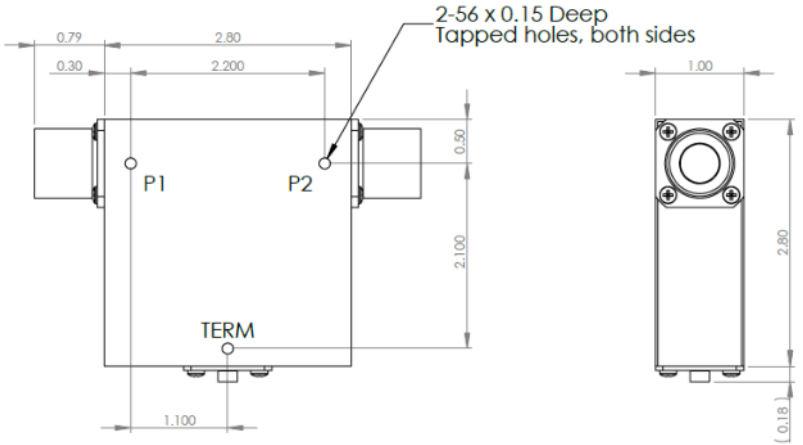
## Mechanical/Environmental Specifications

| | |
|---|---|
| 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 MAX |

## D3I0102N Dimensions




## D3I0102N-3 Dimensions




Dimensions are in inches
Tolerance
XX ±0.03
XXX ±0.010

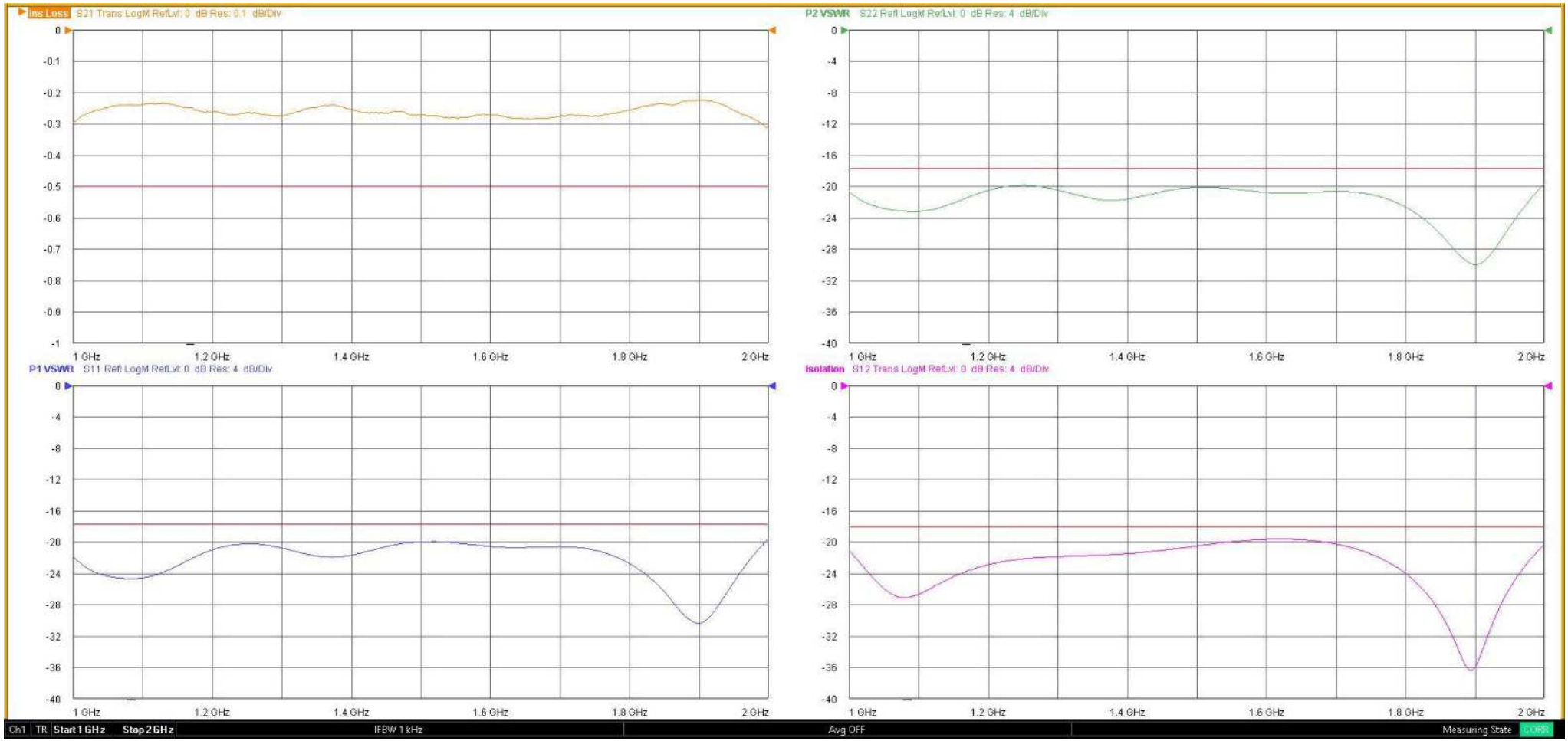
| Type of Device | PN Suffix | Connector Configuration Input / Output | PN Example |
|---|---|---|---|
| Single and Dual Junction Isolator, 2-Port Device<br>Input / Output | N/A | Female / Female | D3I0102N |
| | -1 | Male / Female | D3I0102N-1 |
| | -2 | Female / Male | D3I0102N-2 |
| | -3 | Male / Male | D3I0102N-3 |

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

DiTom MICROWAVE INC.

# MEASURED DATA

Part Number: D3I0102N, +25˚C




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