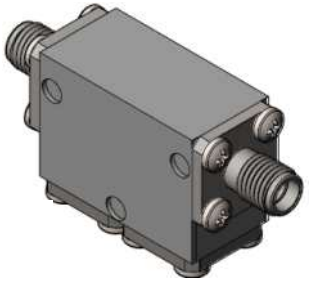
DiTom MICROWAVE INC.



# Part Number: D4I8016

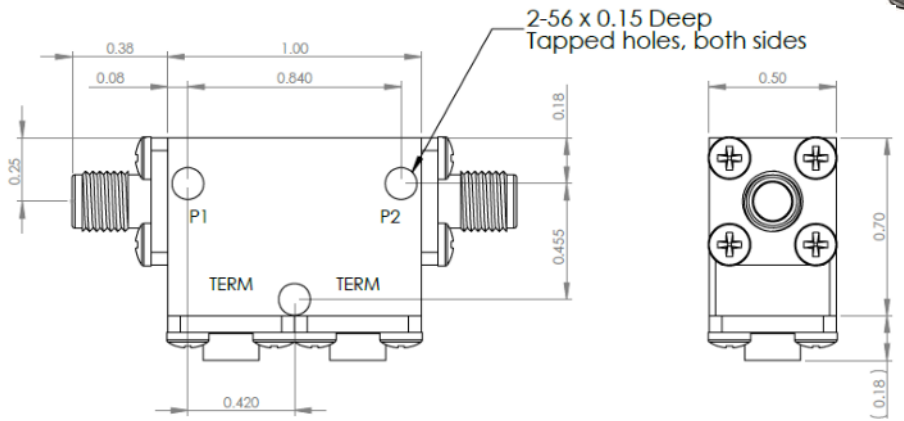
## Electrical Specifications

| | | |
|---|---|---|
| Frequency Range (GHz): | 7.7 – 8.4 | |
| Isolation (dB): | 34 | MIN |
| Insertion Loss (dB): | 1.2 | MAX |
| VSWR: | 1.35:1 | MIN |
| Forward Power (W): | 10 | AVG |
| | 30 | PK |
| Reflective Power (W): | 2 | AVG |

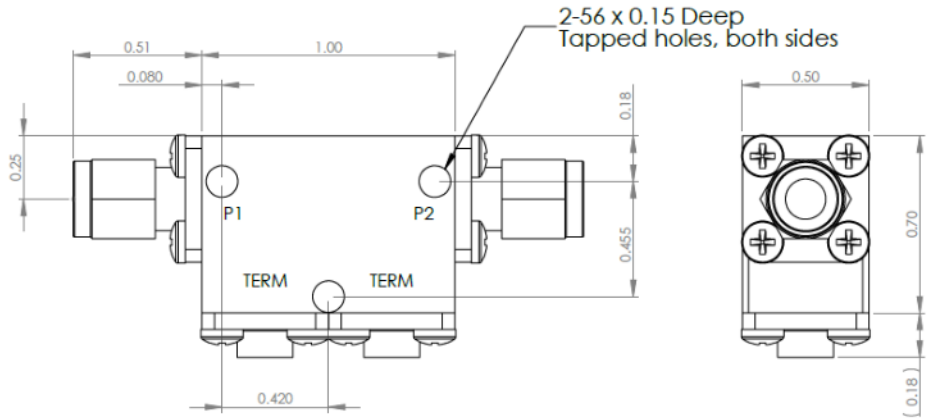
## Mechanical/Environmental Specifications

| | |
|---|---|
| Connector Type: | SMA |
| Connector Body: | Passivated stainless steel |
| Connector Pin: | Gold plated copper |
| Load Body: | Brass |
| Magnetic Shunt: | Nickel plated CRS |
| Operational Temp: | -20˚C to +65˚C |
| Weight (oz) | 2.0 MAX |

## D4I8016 Dimensions




## D4I8016-3 Dimensions




Dimensions are in inches
Tolerance
XX ±0.03
XXX ±0.010

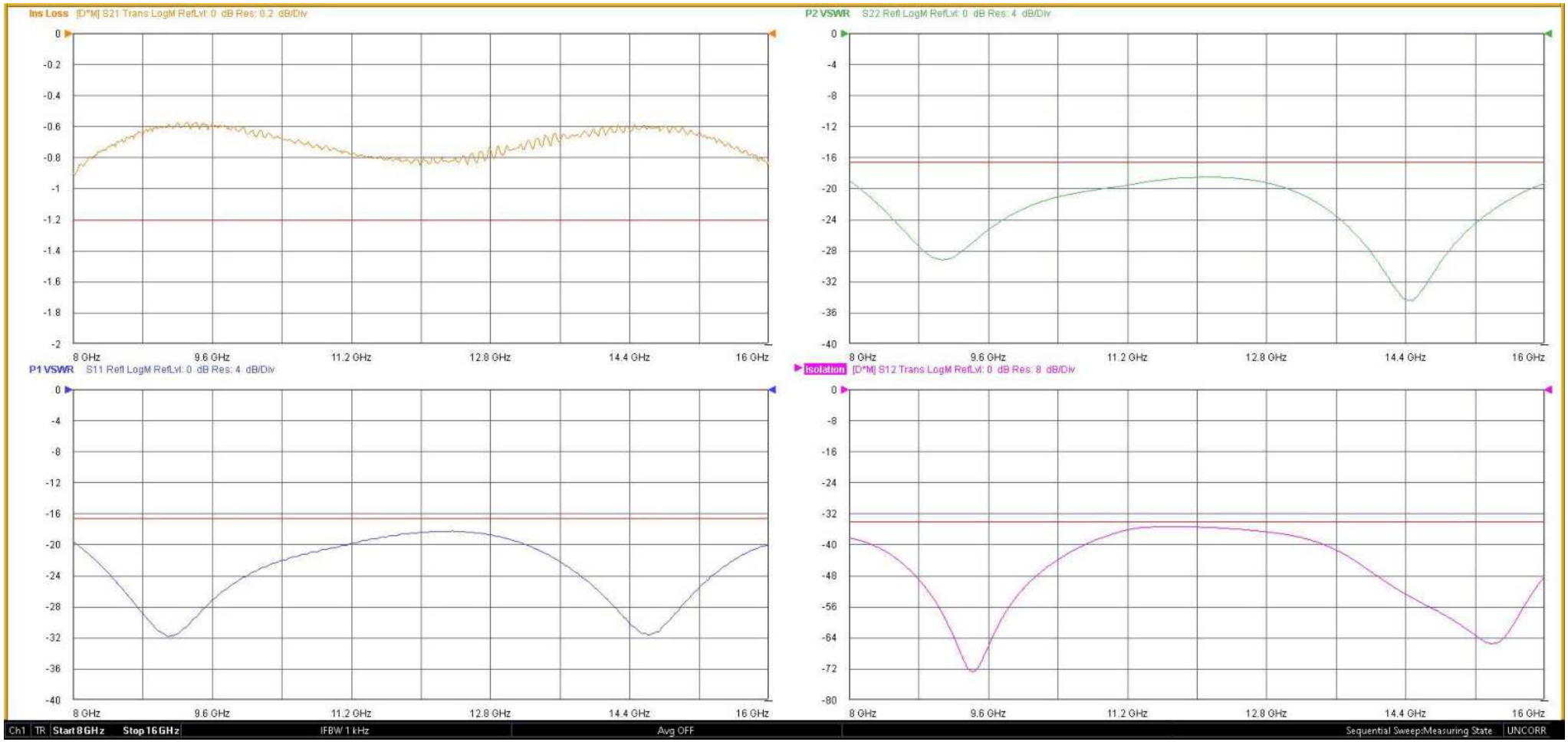
| Type of Device | PN Suffix | Connector Configuration Input / Output | PN Example |
|---|---|---|---|
| Single and Dual Junction Isolator, 2-Port Device<br>Input / Output | N/A | Female / Female | D4I8016 |
| | -1 | Male / Female | D4I8016-1 |
| | -2 | Female / Male | D4I8016-2 |
| | -3 | Male / Male | D4I8016-3 |

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DiTom MICROWAVE INC.

# MEASURED DATA

Part Number: D4I8016, +25˚C




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