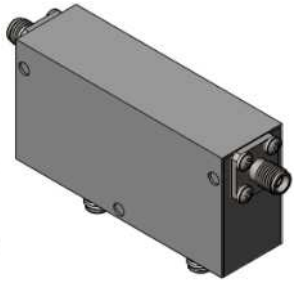
DiTom MICROWAVE INC.



# Part Number: D4C9525

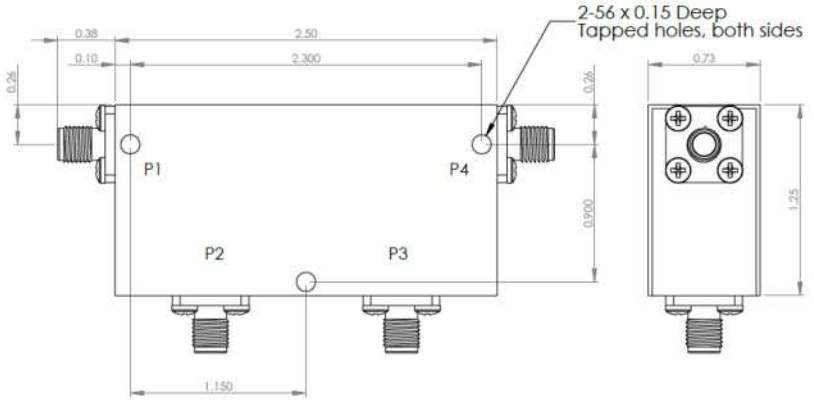
## Electrical Specifications

| | | |
|---|---|---|
| Frequency Range (GHz): | 0.950 – 1.225 | |
| Isolation (dB): | 20 | MIN (per junction) |
| Insertion Loss (dB): | 0.4 | MAX (per junction) |
| VSWR: | 1.25:1 | MIN |
| Forward Power (W): | 200 | AVG |
| | 1,250 | PK |

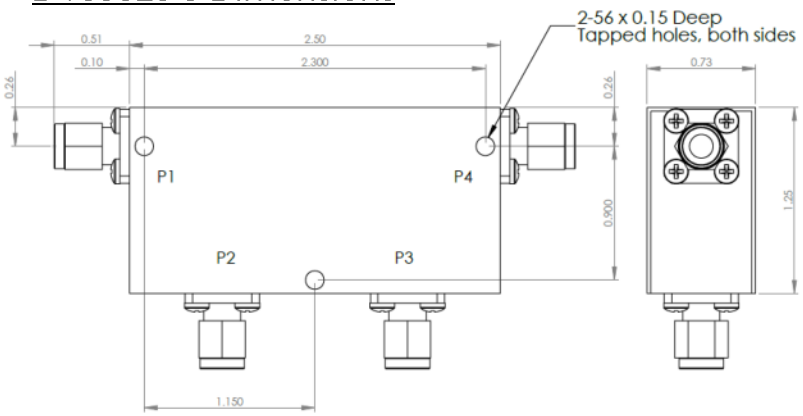
## Mechanical/Environmental Specifications

| | |
|---|---|
| Connector Type: | SMA |
| Connector Body: | Passivated stainless steel |
| Connector Pin: | Gold plated copper |
| Load Body: | Brass |
| Magnetic Shunt: | Nickel plated CRS |
| Operational Temp: | -20˚C to +65˚C |
| Weight (oz) | 5.5 MAX |

## D4C9525 Dimensions




## D4C9525-3 Dimensions




Dimensions are in inches
Tolerance

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

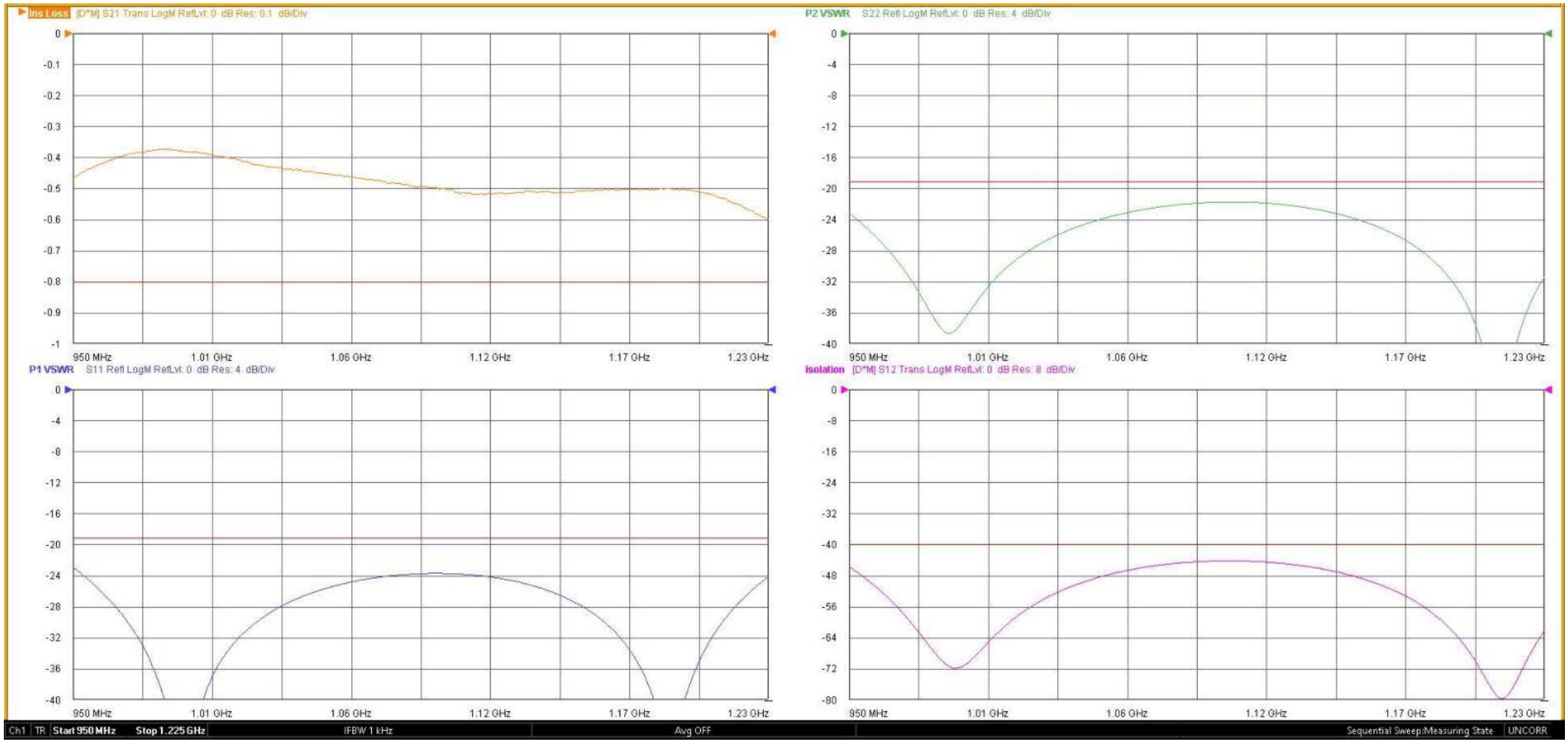
| Type of Device | PN Suffix | Connector Configuration<br>Input / Output | PN Example |
|---|---|---|---|
| Dual Junction Circulator<br>4-Port Device<br><br>Port 1 / Port 2 / Port 3 / Port 4 | No Dash | Female / Female / Female / Female | D4C9525 |
| | -1 | Male / Female / Female / Female | D4C9525-1 |
| | -2 | Female / Male / Female / Female | D4C9525-2 |
| | -3 | Male / Male / Male / Male | D4C9525-3 |
| | -4 | Female / Female / Male / Female | D4C9525-4 |
| | -5 | Female / Female / Female / Male | D4C9525-5 |

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# MEASURED DATA

Part Number: D4C9525, P4→P1, P2 & P3 Terminated with 50Ω, +25˚C




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