



## Part Number: D3C9521N

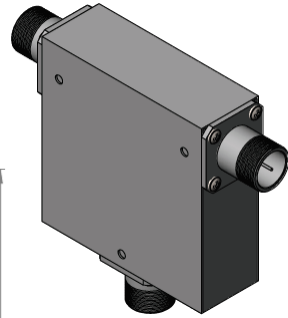
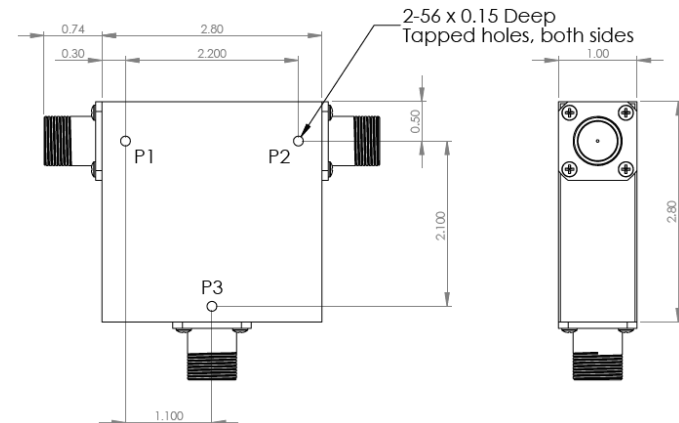
### Electrical Specifications

|                        |                  |
|------------------------|------------------|
| Frequency Range (GHz): | 0.95 – 2.15      |
| Isolation (dB):        | 12 MIN           |
| Insertion Loss (dB):   | 1.0 MAX          |
| VSWR:                  | 1.65:1 MIN       |
| Forward Power (W):     | 75 AVG<br>100 PK |

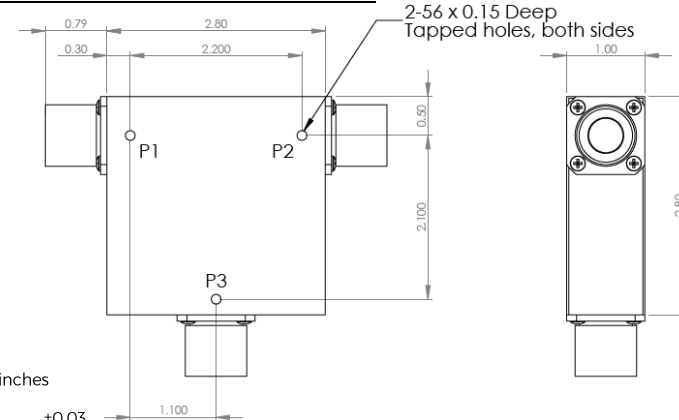
### Mechanical/Environmental Specifications

|                   |                     |
|-------------------|---------------------|
| 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            |

### D3C9521N Dimensions



### D3C9521N-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                  | D3C9521N   |
|                                                                             | -1        | Male / Female / Female                    | D3C9521N-1 |
|                                                                             | -2        | Female / Male / Female                    | D3C9521N-2 |
|                                                                             | -3        | Male / Male / Male                        | D3C9521N-3 |
|                                                                             | -4        | Female / Female / Male                    | D3C9521N-4 |
|                                                                             | -5        | Male / Female / Male                      | D3C9521N-5 |
|                                                                             | -6        | Male / Male / Female                      | D3C9521N-6 |
|                                                                             | -7        | Female / Male / Male                      | D3C9521N-7 |



## MEASURED DATA

Part Number: D3C9521N, P1→P2, P3 Terminated with 50Ω, +25°C

