



## Part Number: D3C1720S

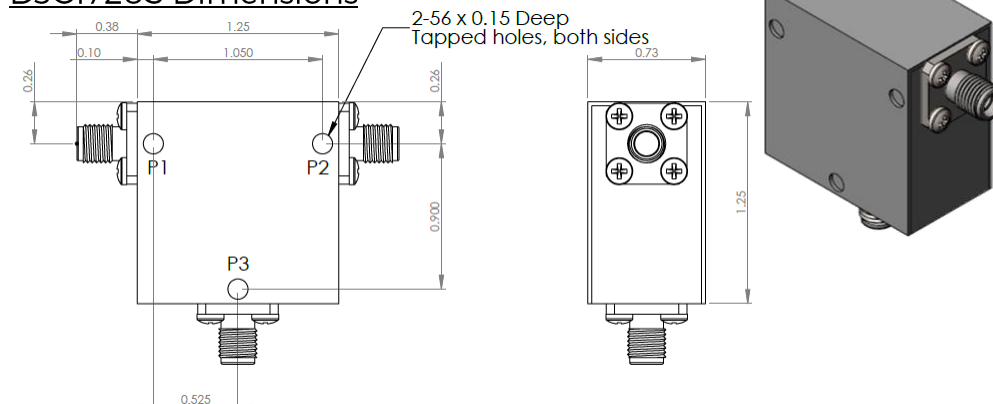
### Electrical Specifications

|                        |                   |
|------------------------|-------------------|
| Frequency Range (GHz): | 1.7 – 2.0         |
| Isolation (dB):        | 20 MIN            |
| Insertion Loss (dB):   | 0.4 MAX           |
| VSWR:                  | 1.25:1 MIN        |
| Forward Power (W):     | 150 AVG<br>500 PK |

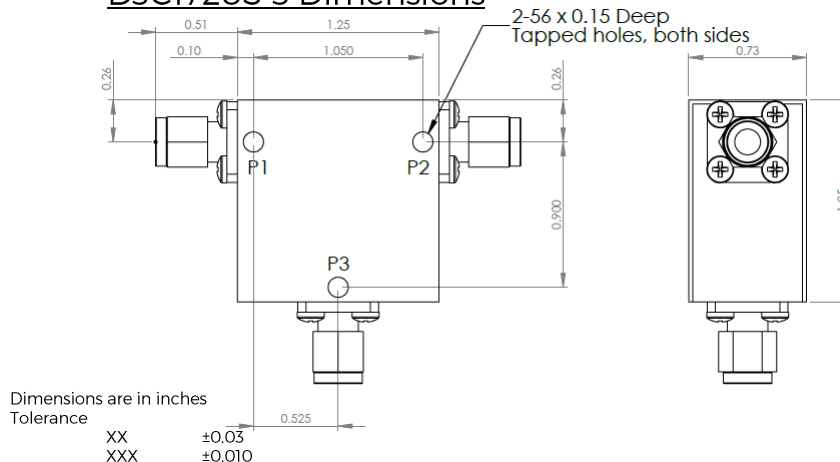
### Mechanical/Environmental Specifications

|                   |                            |
|-------------------|----------------------------|
| 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)       | 3.0 MAX                    |

### D3C1720S Dimensions



### D3C1720S-3 Dimensions



| 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                  | D3C1720S   |
|                                                                             | -1        | Male / Female / Female                    | D3C1720S-1 |
|                                                                             | -2        | Female / Male / Female                    | D3C1720S-2 |
|                                                                             | -3        | Male / Male / Male                        | D3C1720S-3 |
|                                                                             | -4        | Female / Female / Male                    | D3C1720S-4 |
|                                                                             | -5        | Male / Female / Male                      | D3C1720S-5 |
|                                                                             | -6        | Male / Male / Female                      | D3C1720S-6 |
|                                                                             | -7        | Female / Male / Male                      | D3C1720S-7 |



## MEASURED DATA

Part Number: D3C1720S, P1→P2, P3 Terminated with 50Ω, +25°C

