



## Part Number: D4I1218

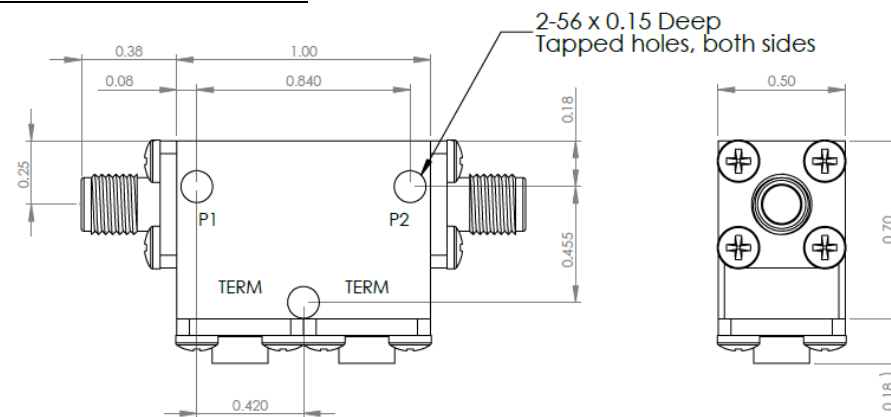
### Electrical Specifications

|                        |                 |
|------------------------|-----------------|
| Frequency Range (GHz): | 12.0 – 18.0     |
| Isolation (dB):        | 40 MIN          |
| Insertion Loss (dB):   | 1.0 MAX         |
| VSWR:                  | 1.25:1 MIN      |
| Forward Power (W):     | 10 AVG<br>30 PK |
| Reflective Power (W):  | 2 AVG           |

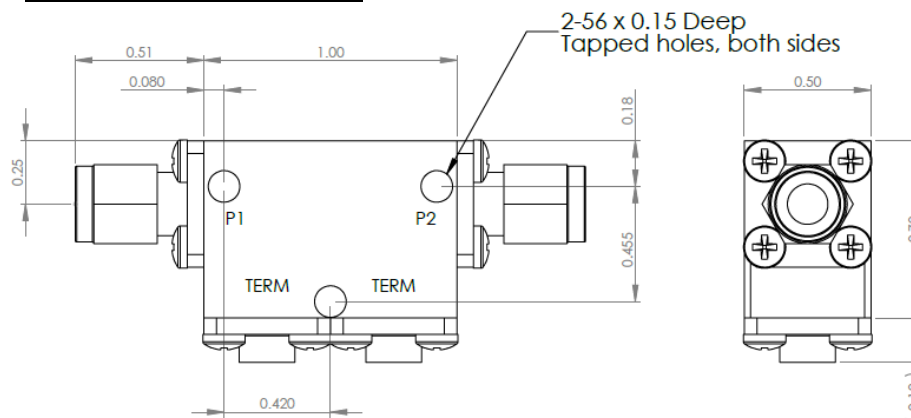
### Mechanical/Environmental Specifications

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

### D4I1218 Dimensions



### D4I1218-3 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 and Dual Junction<br>Isolator, 2-Port Device<br>Input / Output | N/A       | Female / Female                           | D4I1218    |
|                                                                       | -1        | Male / Female                             | D4I1218-1  |
|                                                                       | -2        | Female / Male                             | D4I1218-2  |
|                                                                       | -3        | Male / Male                               | D4I1218-3  |



## MEASURED DATA

Part Number: D4I1218, +25°C

