



Part Number: D3I3587Y-77K

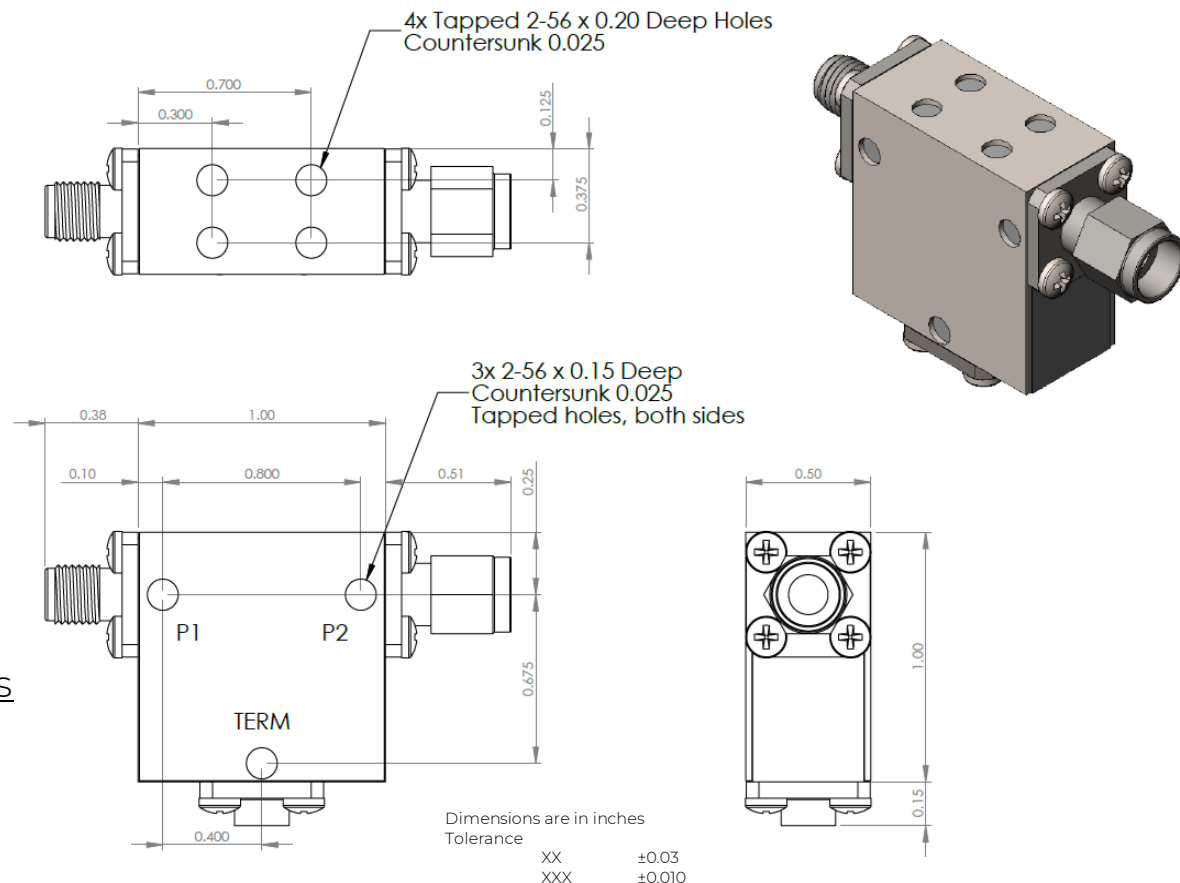
### Electrical Specifications

|                        |                 |
|------------------------|-----------------|
| Frequency Range (GHz): | 3.5 – 8.7       |
| Isolation (dB):        | 12 MIN          |
| Insertion Loss (dB):   | 0.9 MAX         |
| Return Loss (dB):      | 12 MIN          |
| Forward Power (W):     | 30 AVG<br>50 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: | < 77K                      |
| Weight (oz)       | 2.0 MAX                    |

D3I3587Y-77K-2



| Type of Device                                                             | PN Suffix | Connector Configuration<br>Port 1 / Port 2 | PN Example     |
|----------------------------------------------------------------------------|-----------|--------------------------------------------|----------------|
| Single and Dual Junction<br>Isolator, 2-Port Device<br><br>Port 1 / Port 2 | N/A       | Female / Female                            | D3I3587Y-77K   |
|                                                                            | -1        | Male / Female                              | D3I3587Y-77K-1 |
|                                                                            | -2        | Female / Male                              | D3I3587Y-77K-2 |
|                                                                            | -3        | Male / Male                                | D3I3587Y-77K-3 |



## MEASURED DATA

Part Number: D3I3587Y-77K, Measured at 77K

