



Part Number: D4I49I0YMG-4K

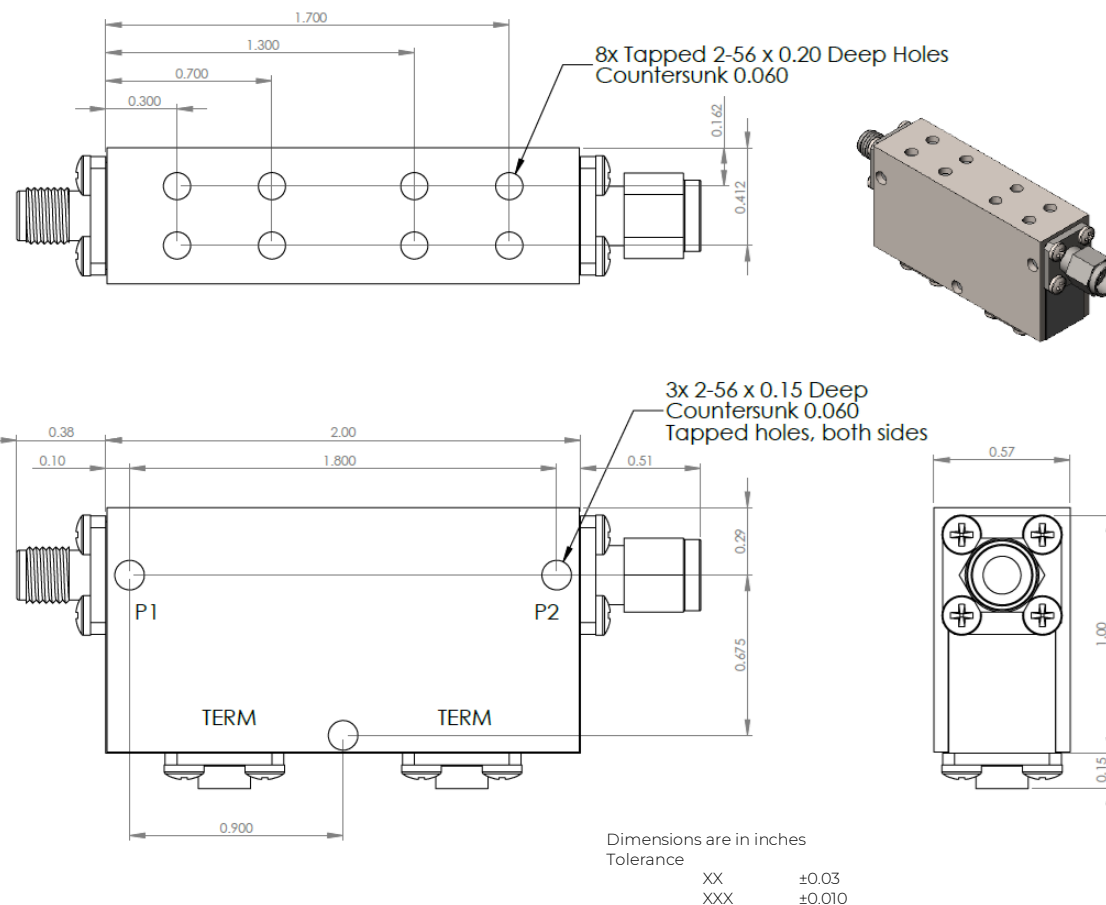
### Electrical Specifications

|                        |                 |
|------------------------|-----------------|
| Frequency Range (GHz): | 4.9 – 10.3      |
| Isolation (dB):        | 40 MIN          |
| Insertion Loss (dB):   | 1.1 MAX         |
| Return Loss (dB):      | 20 MIN          |
| Forward Power (W):     | 20 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          |
| Magnetically Shielded: | Yes                        |
| Operational Temp:      | < 4K                       |
| Weight (oz)            | 4.0 MAX                    |

D4I49I0YMG-4K-2



| Type of Device                                   | PN Suffix | Connector Configuration<br>Port 1 / Port 2 | PN Example      |
|--------------------------------------------------|-----------|--------------------------------------------|-----------------|
| Single and Dual Junction Isolator, 2-Port Device | N/A       | Female / Female                            | D4I49I0YMG-4K   |
|                                                  | -1        | Male / Female                              | D4I49I0YMG-4K-1 |
|                                                  | -2        | Female / Male                              | D4I49I0YMG-4K-2 |
|                                                  | -3        | Male / Male                                | D4I49I0YMG-4K-3 |



## MEASURED DATA

Part Number: D4I4910YMG-4K, Measured at 4K

