



Part Number: D4C4610YMG-77K

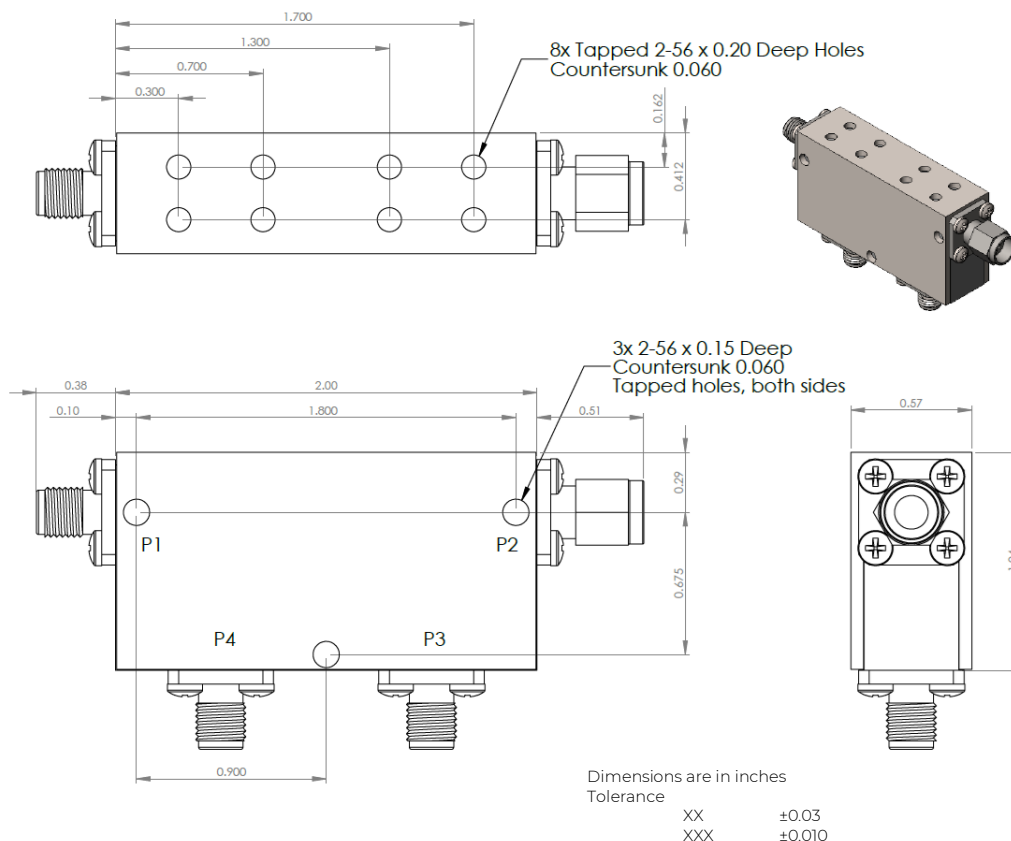
### Electrical Specifications

Frequency Range (GHz): 4.6 – 10.4  
 Isolation (dB): 20 MIN (per junction)  
 Insertion Loss (dB): 0.4 MAX (per junction)  
 Return Loss (dB): 18 MIN (per junction)  
 Forward Power (W): 20 AVG  
 30 PK

### Mechanical/Environmental Specifications

Connector Type: SMA  
 Connector Body: Passivated stainless steel  
 Connector Pin: Gold plated copper  
 Magnetic Shunt: Nickel plated CRS  
 Magnetically Shielded: Yes  
 Optimized Temperature: < 77K  
 Weight (oz) 4.0 MAX

### D4C4610YMG-77K-2 Dimensions



| Type of Device                                                                 | PN Suffix | Connector Configuration<br>Port 1 / Port 2 / Port 3 / Port 4 | PN Example       |
|--------------------------------------------------------------------------------|-----------|--------------------------------------------------------------|------------------|
| Dual Junction Circulator<br>4-Port Device<br>Port 1 / Port 2 / Port 3 / Port 4 | No Dash   | Female / Female / Female / Female                            | D4C4610YMG-77K   |
|                                                                                | -1        | Male / Female / Female / Female                              | D4C4610YMG-77K-1 |
|                                                                                | -2        | Female / Male / Female / Female                              | D4C4610YMG-77K-2 |
|                                                                                | -3        | Male / Male / Male / Male                                    | D4C4610YMG-77K-3 |
|                                                                                | -4        | Female / Female / Male / Female                              | D4C4610YMG-77K-4 |
|                                                                                | -5        | Female / Female / Female / Male                              | D4C4610YMG-77K-5 |



## MEASURED DATA

Part Number: D4C4610YMG-77K, P1→P2, P3 & P4 Terminated with 50Ω, Measured at 77K

