



Part Number: D3MC5011Y-4K

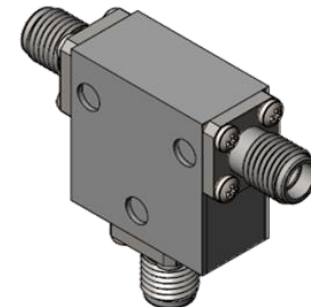
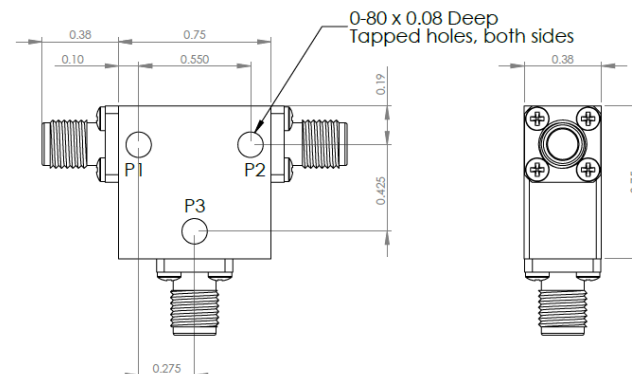
### Electrical Specifications

|                        |            |
|------------------------|------------|
| Frequency Range (GHz): | 5.2 – 11.0 |
| Isolation (dB):        | 19 MIN     |
| Insertion Loss (dB):   | 0.5 MAX    |
| Return Loss (dB):      | 12 MIN     |
| Forward Power (W):     | 30 AVG     |
|                        | 30 PK      |

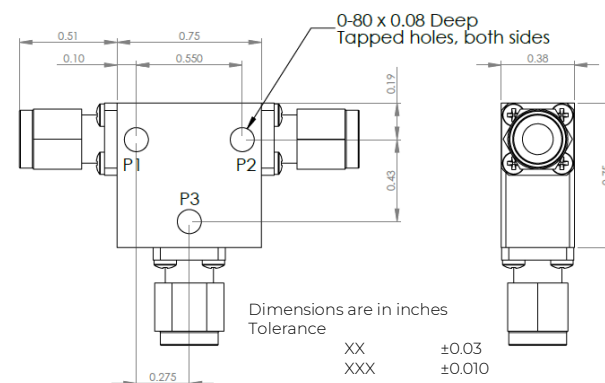
### Mechanical/Environmental Specifications

|                        |                            |
|------------------------|----------------------------|
| Connector Type:        | SMA                        |
| Connector Body:        | Passivated stainless steel |
| Connector Pin:         | Gold plated copper         |
| Magnetic Shunt:        | Nickel plated CRS          |
| Optimized Temperature: | < 4K                       |
| Weight (oz)            | 0.8 MAX                    |

D3MC5011Y-4K



D3MC5011Y-4K-3



| Type of Device                                                              | PN Suffix | Connector Configuration<br>Port 1 / Port 2 / Port 3 | PN Example     |
|-----------------------------------------------------------------------------|-----------|-----------------------------------------------------|----------------|
| Single Junction Circulator<br>3-Port Device<br><br>Port 1 / Port 2 / Port 3 | No Dash   | Female / Female / Female                            | D3MC5011Y-4K   |
|                                                                             | -1        | Male / Female / Female                              | D3MC5011Y-4K-1 |
|                                                                             | -2        | Female / Male / Female                              | D3MC5011Y-4K-2 |
|                                                                             | -3        | Male / Male / Male                                  | D3MC5011Y-4K-3 |
|                                                                             | -4        | Female / Female / Male                              | D3MC5011Y-4K-4 |
|                                                                             | -5        | Male / Female / Male                                | D3MC5011Y-4K-5 |
|                                                                             | -6        | Male / Male / Female                                | D3MC5011Y-4K-6 |
|                                                                             | -7        | Female / Male / Male                                | D3MC5011Y-4K-7 |



## MEASURED DATA

Part Number: D3MC5011Y-4K, P1→P2, P3 Terminated with 50Ω, Measured at 4K

