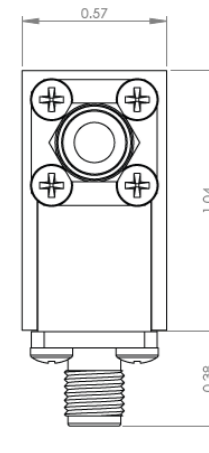
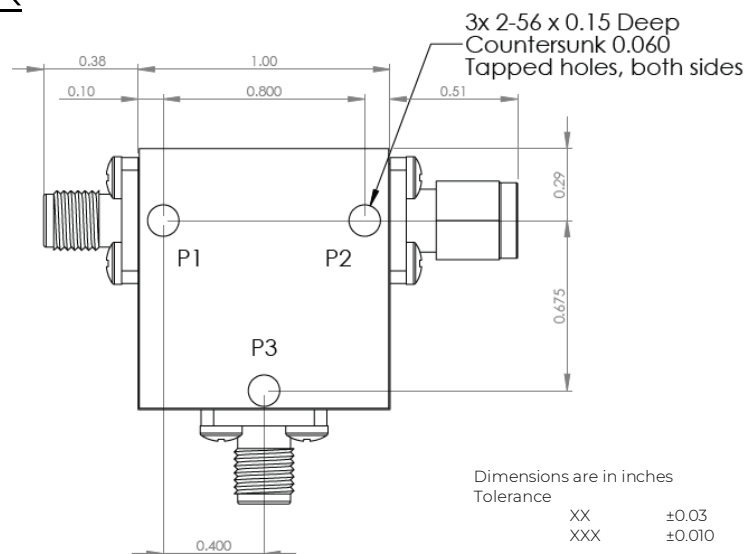
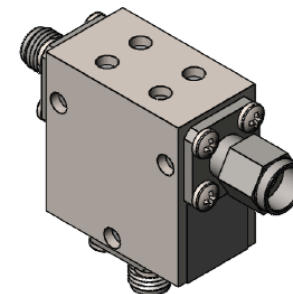
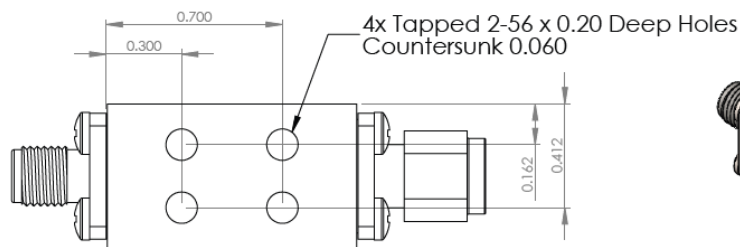




## D3C4080YMG-77K-2



## Part Number: D3C4080YMG-77K

### Electrical Specifications

|                        |           |
|------------------------|-----------|
| Frequency Range (GHz): | 4.0 – 8.0 |
| Isolation (dB):        | 20 MIN    |
| Insertion Loss (dB):   | 0.3 MAX   |
| Return Loss (dB):      | 20 MIN    |
| 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)            | 2.0 MAX                    |

| Type of Device                                                          | PN Suffix | Connector Configuration<br>Port 1 / Port 2 / Port 3 | PN Example       |
|-------------------------------------------------------------------------|-----------|-----------------------------------------------------|------------------|
| Single Junction Circulator<br>3-Port Device<br>Port 1 / Port 2 / Port 3 | No Dash   | Female / Female / Female                            | D3C4080YMG-77K   |
|                                                                         | -1        | Male / Female / Female                              | D3C4080YMG-77K-1 |
|                                                                         | -2        | Female / Male / Female                              | D3C4080YMG-77K-2 |
|                                                                         | -3        | Male / Male / Male                                  | D3C4080YMG-77K-3 |
|                                                                         | -4        | Female / Female / Male                              | D3C4080YMG-77K-4 |
|                                                                         | -5        | Male / Female / Male                                | D3C4080YMG-77K-5 |
|                                                                         | -6        | Male / Male / Female                                | D3C4080YMG-77K-6 |
|                                                                         | -7        | Female / Male / Male                                | D3C4080YMG-77K-7 |



## MEASURED DATA

Part Number: D3C4080YMG-77K, P1→P2, P3 Terminated with 50Ω, Measured at 77K

