

# DC BLOCKS

2.4mm

7 kHz - 45 GHz

25 Volts

**MCE**  
INMET

MODELS: 8537EF, 8537EM

## SPECIFICATIONS:

### Electrical:

Frequency Range \_\_\_\_\_ 7 KHz - 45 GHz

Insertion Loss

100 KHz - 12.4 GHz \_\_\_\_\_ 0.50 dB Max.

12.4 - 32 GHz \_\_\_\_\_ 0.75 dB Max.

32 - 40 GHz \_\_\_\_\_ 1.00 dB Goal (1.25 dB Max.)

VSWR

100 - 250 KHz \_\_\_\_\_ <1.40:1 Typical

250 KHz - 32 GHz \_\_\_\_\_ 1.40:1 Max.

32 - 40 GHz \_\_\_\_\_ 1.50:1 Max.

Impedance \_\_\_\_\_ 50 Ohms

Working Voltage \_\_\_\_\_ 25 Volts Max.

Bandwidth (-3 dB) \_\_\_\_\_ <7 KHz to >45 GHz

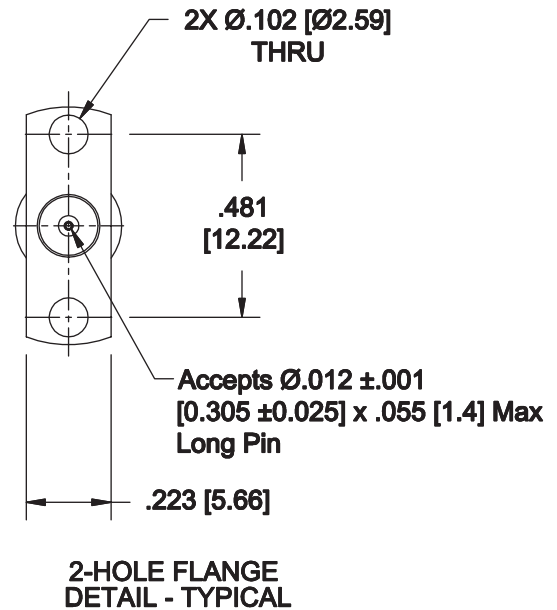
Operating Temp Range \_\_\_\_\_ -20°C to +85°C

Minimum Capacitance over Temperature \_\_\_\_\_ 70kpF

### Mechanical:

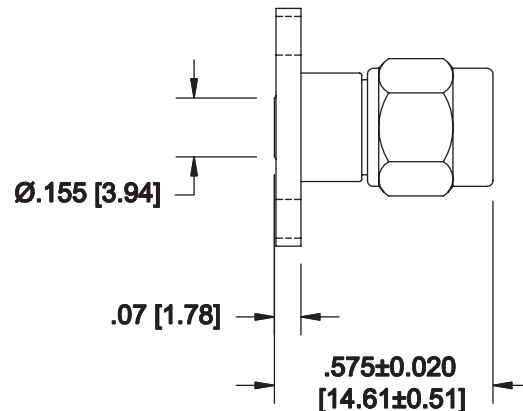
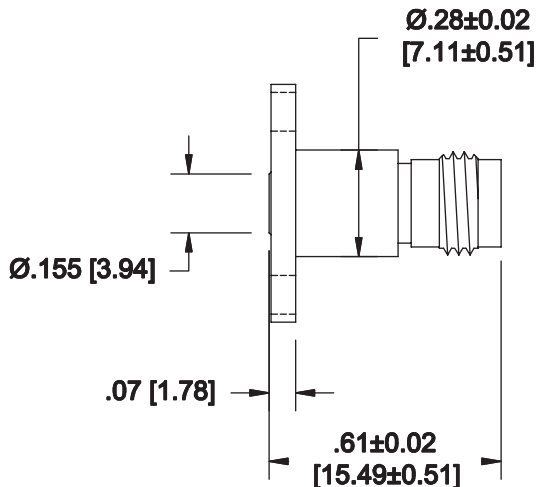
2.4mm Connectors \_\_\_\_\_ Passivated Stainless Steel

Conductors \_\_\_\_\_ Gold Plated Beryllium Copper



Model Number: **8537EF**  
2.4mm FEMALE

Model Number: **8537EM**  
2.4mm MALE



Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

8537E; REV-