

### Electrical Specifications \*\*

**Frequency Range:** 18-40 GHz  
**Nominal Coupling:** 3 dB  
**Insertion Loss:** 2.0 dB Max\*  
**Isolation:** 14 dB Min.  
**Amplitude Balance:** 1.2 dB Max  
**Phase Balance:** 18 dB Max  
**Nominal Degree:** 90°  
**VSWR:** 1.7:1 Max.  
**Power Handling:** 20 W CW, 3 KW Peak

\*Insertion Loss excludes coupling loss  
 \*\* Values at 25 Deg, sea level.

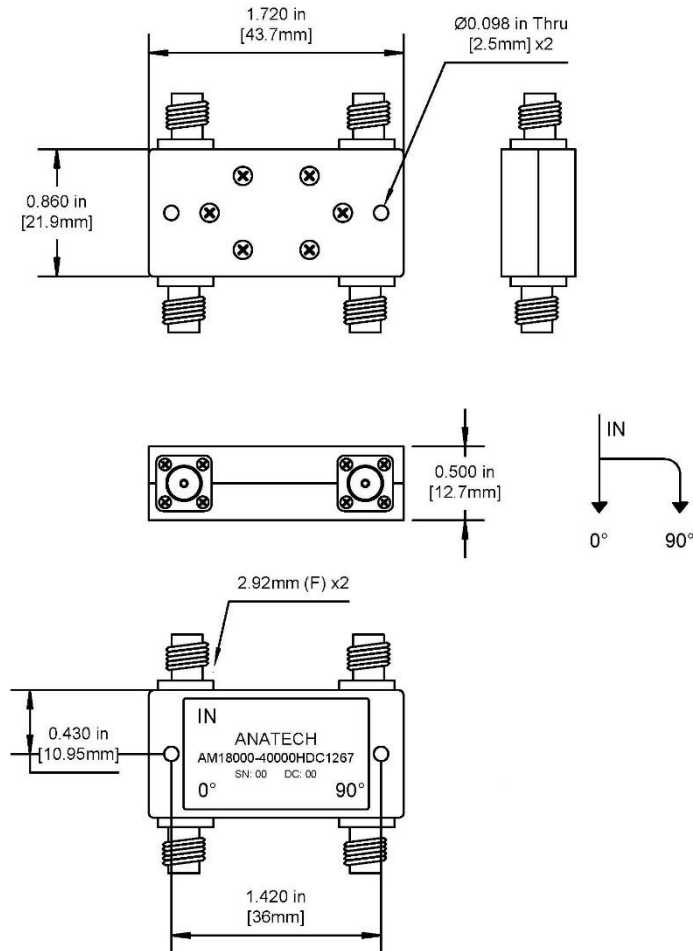
### Mechanical

**Mount Method:** Threaded Mounting Holes  
**Connector Type:** 2.92mm (F)  
**Dimensions:** 43.7 x 21.9 x 12.7 mm  
**Weight:** 50 grams

### Environmental

**Operating Temperature:** -55 to 85° C  
**Storage Temperature:** -40 to +95° C

### Outline Drawing:



DS-HDC1267-07212022-Rev1