



**Model: DC-0030-10S**

Description: ..... 10dB Directional Coupler  
 Operating Frequency: ..... 10 KHz - 30 MHz  
 Coupling (reference to input): ..... 10 ± 0.5 dB Nominal  
 Coupling Flatness: ..... ± 0.5 dB Max  
 Insertion Loss (including coupled power): ..... 1.0 dB Max  
 Directivity: ..... 22 dB Min  
 VSWR:

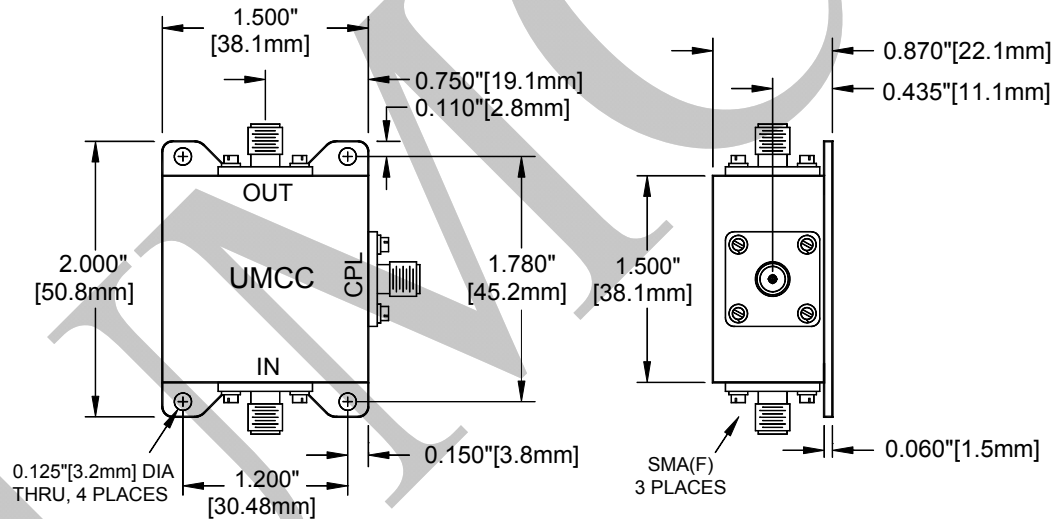
10 – 20 KHz	0.02 – 30 MHz
1.65:1 Max	1.35:1 Max

Power Handling: ..... 1W CW / Peak  
 Connectors: ..... SMA (f)  
 Impedance: ..... 50 Ohms Nominal  
 Quality: ..... Best-Commercial-Grade

**Environmental Ratings:**

Temperature: ..... {Operating: -40°C to +85°C} & {Storage: -50°C to +100°C}  
 Humidity: ..... MIL-STD-202F, Method 103B, Cond. B (96 hours at 95% R.H.)  
 Shock: ..... MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)  
 Vibration: ..... MIL-STD-202F, Method 204D, Cond. B (.06" double amplitude, or 15G)  
 Altitude: ..... MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)  
 Temp. Shock: ..... MIL-STD-202F, Method 107D, Cond. A (5 cycles)

**Outline**



Weight	Tolerances
2.1 oz [ 60 g]	±0.015" [±0.38mm]