



Model: DC-D000-16S

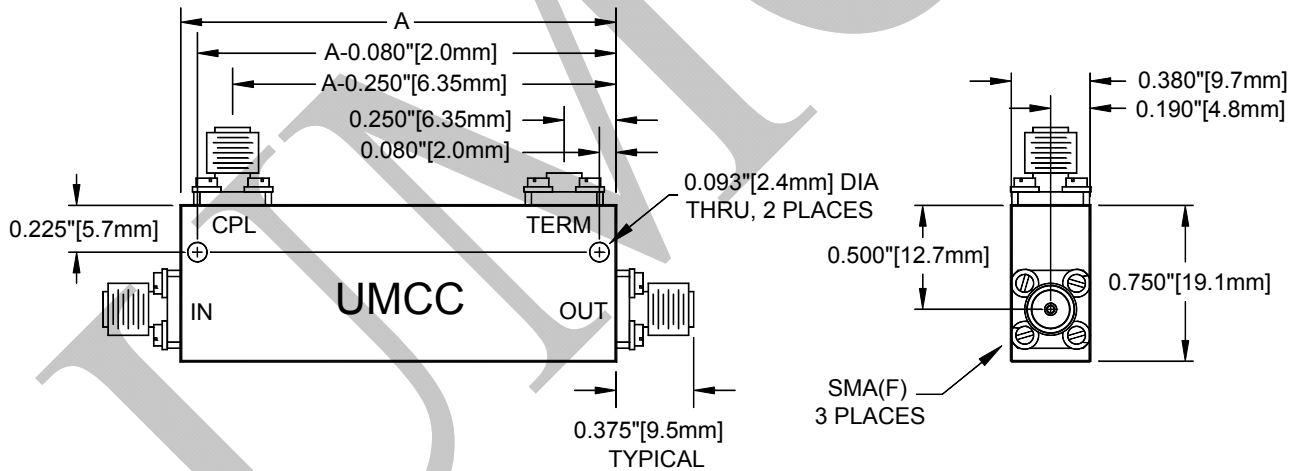
Description: Directional Coupler
 Operating Frequency: 2 - 4 GHz
 Coupling (reference to input): 16 ± 1 dB Nominal
 Coupling Flatness: ± 0.4 dB Max
 Insertion Loss (including coupled power): 0.35 dB Max
 Directivity: 20 dB Min
 VSWR: Line 1.2:1 Max
 Couple 1.2:1 Max
 Power Handling: Incident @ Input 50W Cw/Avg Max
 Incident @ Output 25W Cw/Avg Max
 Connectors: SMA (f)
 Impedance: 50Ω Nominal
 Quality: Best-Commercial-Grade

Environmental Ratings:

Temperature: {Operating: -40°C to $+85^{\circ}\text{C}$ } & {Storage: -50°C to $+100^{\circ}\text{C}$ }
 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

("A" = 1.850" [47.0mm])



Weight	Tolerances
1.2 oz [34.0 g]	$\pm 0.015"$ [± 0.38 mm]