



Model: DC-M000-30S

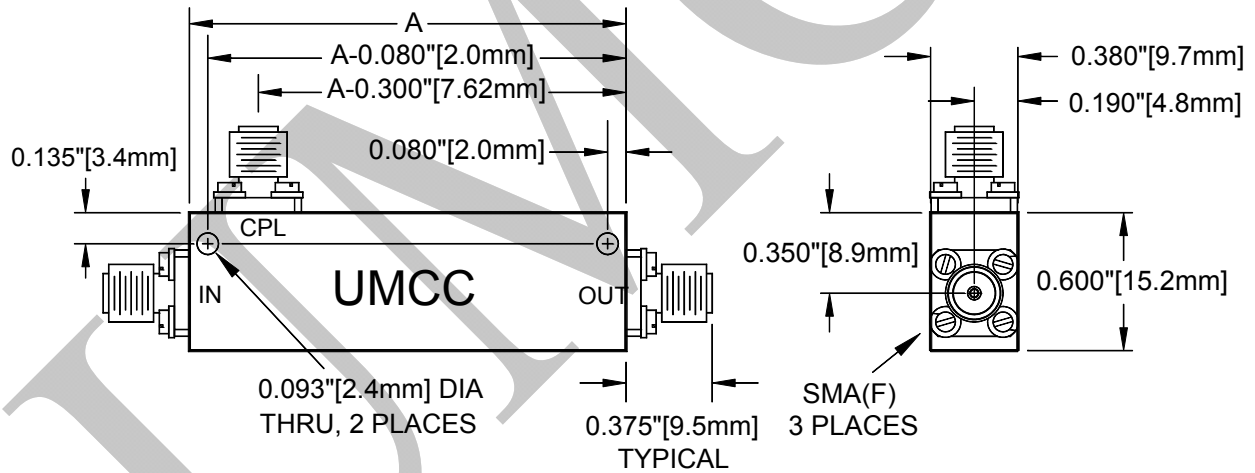
Description: Directional Coupler
 Operating Frequency: 4.5 – 13.5 GHz
 Coupling (reference to input): 30 ± 1dB Nominal
 Coupling Flatness: ± 0.75 dB Max
 Insertion Loss (including coupled power): 0.5 dB Max
 Directivity: 12 dB Min
 VSWR: Line 1.4:1 Max
 Couple 1.4:1 Max
 Power Handling: Incident @ Input 30W Cw/Avg Max
 Incident @ Output 30W Cw/Avg Max
 Connectors: SMA (f)
 Impedance: 50 Ω 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

("A" = 1.950" [49.5mm])



| Weight | Tolerances |
|-----------------|------------------------|
| 1 oz [28.3 g] | ± 0.015" [± 0.38 mm] |