



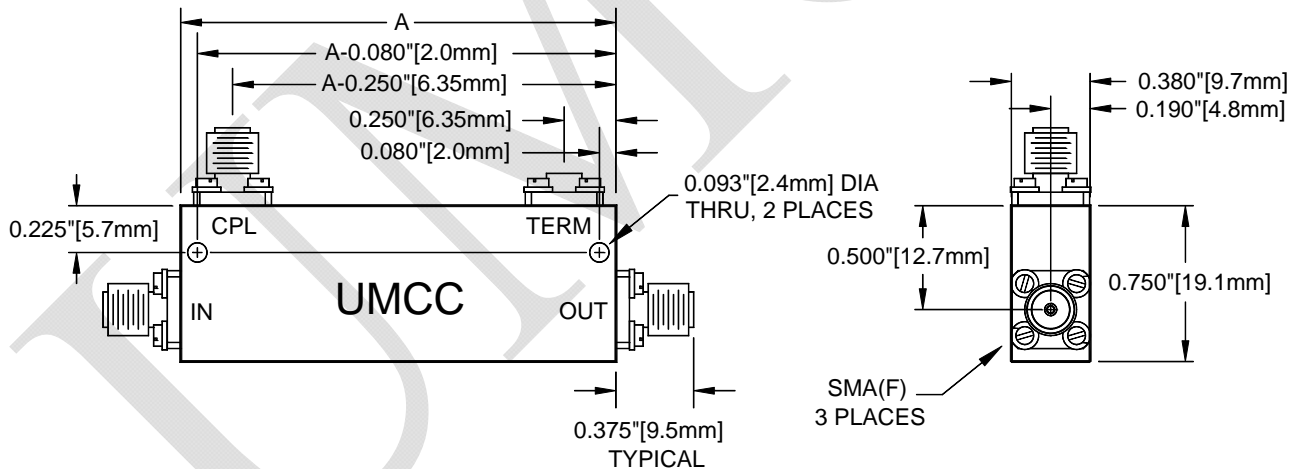
**Model: DC-E000-6S**

|  |                        |
|--|------------------------|
| Description:.....                              | Directional Coupler    |
| Operating Frequency:.....                      | 4 - 8 GHz              |
| Coupling (reference to input):.....            | 6 ± 0.75 dB Nominal    |
| Coupling Flatness:.....                        | ± 0.5 dB Max           |
| Insertion Loss (including coupled power):..... | 1.55 dB Max            |
| Directivity: .....                             | 16 dB Min              |
| VSWR: .....                                    | Line..... 1.3:1 Max    |
| .....  | Couple..... 1.35:1 Max |
| Power Handling: .....                          | 4W Cw/Avg, 1KW 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**  
("A" = 1.300" [33.0mm])



|                  |
|------------------|
| <b>Weight</b>    |
| 0.9 oz [ 25.5 g] |