



**Model: PD-F000-2S**

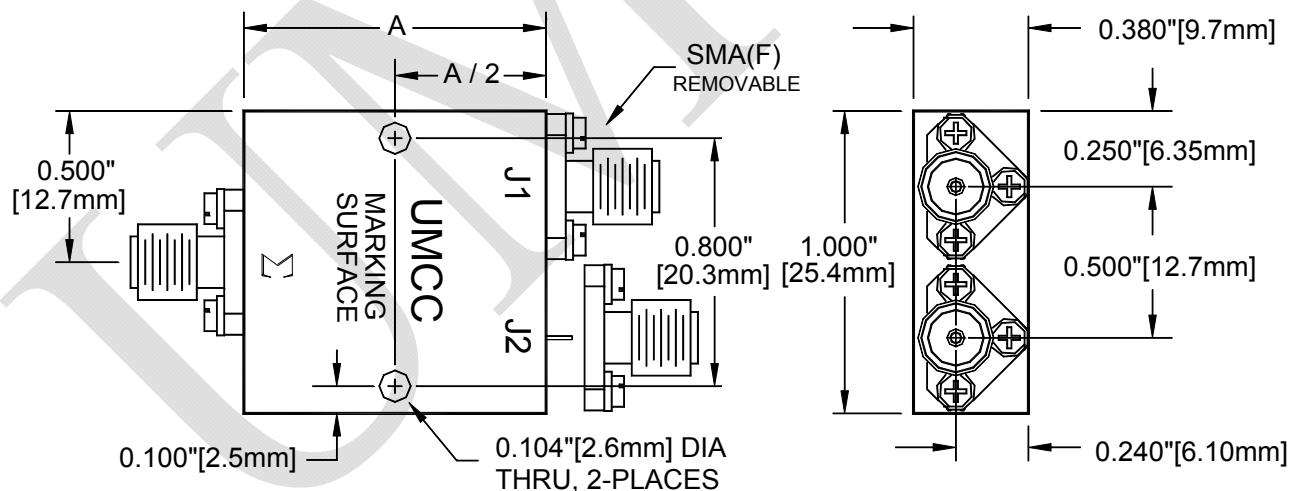
|                              |                                         |
|------------------------------|-----------------------------------------|
| Description:                 | 2-Way Power Divider                     |
| Operating Frequency:         | 8-12.4 GHz                              |
| Insertion Loss:              | 0.6 dB Max                              |
| Isolation:                   | 16 dB Min                               |
| VSWR:                        | $\Sigma$ Port..... 1.50:1 Max           |
|                              | Outputs..... 1.45:1 Max                 |
| Amplitude Balance:           | $\pm 0.1$ dB Max                        |
| Phase Balance:               | $\pm 2^\circ$ Max                       |
| Power Handling (@ SUM-Port): | Load VSWR= $\infty$ ..... 1W AVG/CW Max |
|                              | Load VSWR <2:1..... 10W AVG/CW Max      |
| Connectors:                  | SMA (f), Removable                      |
| Impedance:                   | 50 Ohms Nominal                         |
| Quality:                     | Best-Commercial-Grade                   |

**Environmental Ratings:**

|              |                                                                    |
|--------------|--------------------------------------------------------------------|
| Temperature: | {Operating: -55°C to +95°C} & {Storage: -60°C to +110°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" = 1.000" [25.4mm])



**Weight**

0.8 oz [ 22.7 g]