



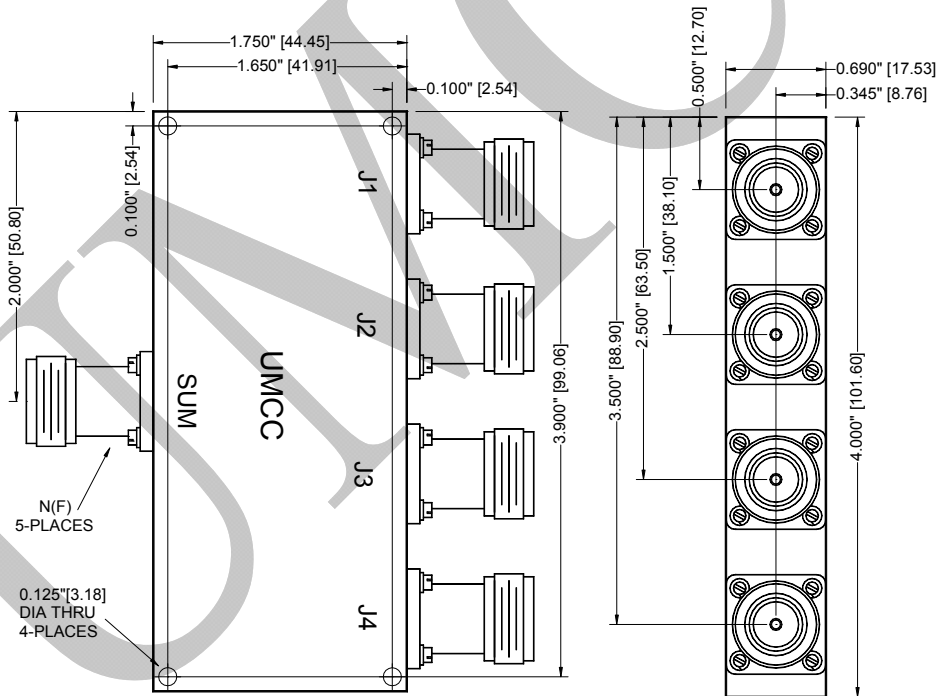
**Model: PS-3800-4N**

|                              |                                    |
|------------------------------|------------------------------------|
| Description:                 | 4-Way Power Divider                |
| Operating Frequency:         | 3.4 – 4.2 GHz                      |
| Insertion Loss:              | 0.5 dB Max                         |
| Isolation:                   | 22 dB Min                          |
| VSWR:                        | Σ Port..... 1.30:1 Max             |
|                              | Outputs..... 1.30:1 Max            |
| Amplitude Balance:           | ± 0.1 dB Max                       |
| Phase Balance:               | ± 1.5° Max                         |
| Power Handling (@ SUM-Port): | Load VSWR=∞..... 1W AVG/CW Max     |
|                              | Load VSWR <2:1..... 10W AVG/CW Max |
| Connectors:                  | N (f)                              |
| 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**



| Weight | Tolerances           |
|--------|----------------------|
|        | ± 0.015" [ ±0.38mm ] |