



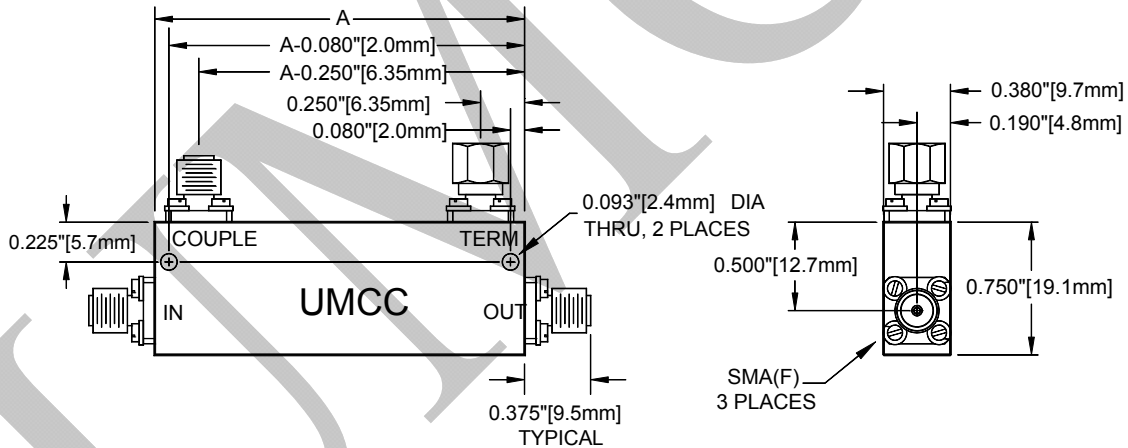
Model: DC-3800-6S

| | |
|---|---------------------------------------|
| Description: | Directional Coupler |
| Operating Frequency: | 0.5 – 7.1 GHz |
| Coupling (reference to input): | 6 ± 0.75dB Nominal |
| Coupling Flatness: | ± 0.75 dB Max |
| Insertion Loss (including coupled power): | 1.9 dB Max |
| Directivity: | 20 dB Min |
| VSWR: | Line 1.25:1 Max |
| | Couple 1.25:1 Max |
| Power Handling: | Incident @ Input 50W Cw/Avg Max |
| | Incident @ Output 4W 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" = 6.150" [156.2mm])



| Weight | Tolerances |
|------------------|------------------------|
| 3.2 oz [90.7g] | ± 0.015" [± 0.38 mm] |