



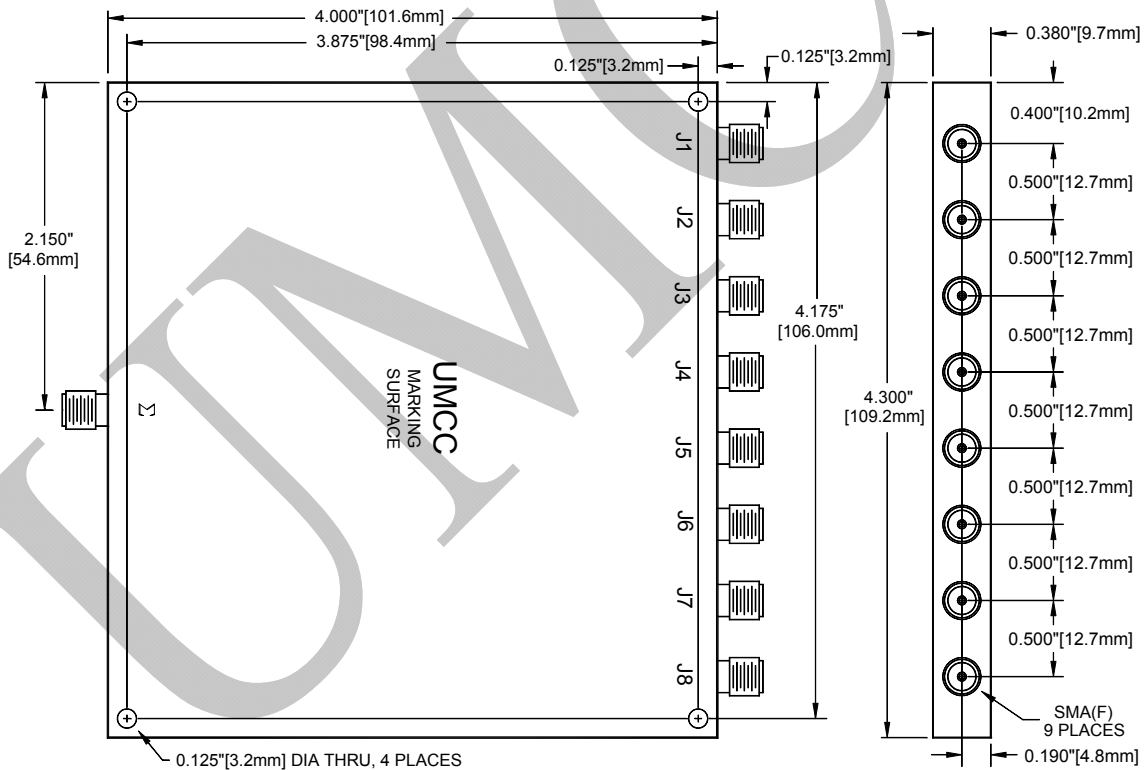
**Model: PS-D000-8S**

Description:..... 8-Way Power Divider  
 Operating Frequency:..... 2 - 4 GHz  
 Insertion Loss: ..... 0.8 dB Max  
 Isolation: ..... 20 dB Min  
 VSWR: ..... Sum Port..... 1.50:1 Max  
 ..... Output Ports ..... 1.35:1 Max  
 Amplitude Balance:..... ± 0.3 dB  
 Phase Balance:..... ± 2 °  
 Power Power Handling (@ SUM Port): ..... Load VSWR=∞ ..... 1W AVG/CW Max  
 ..... Load VSWR <2:1 ..... 10W AVG/CW Max  
 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]