



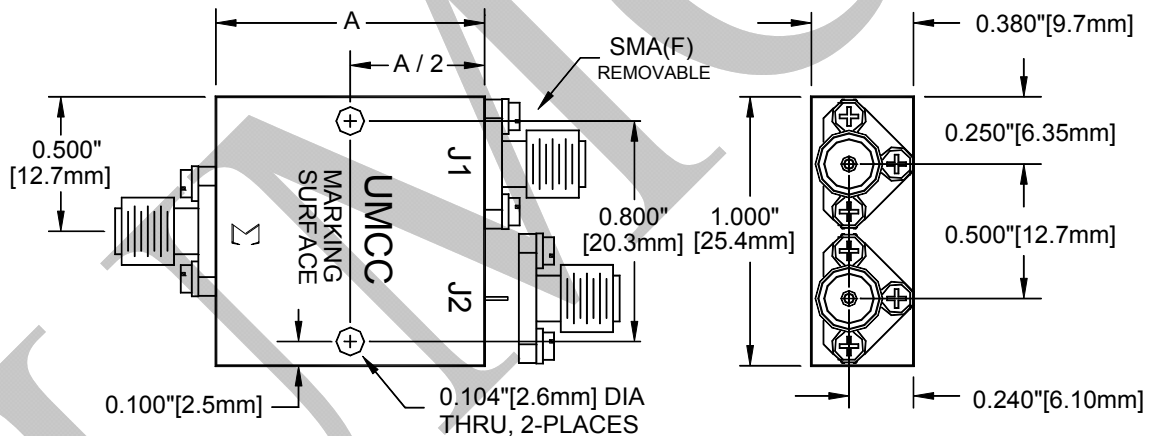
**Model: PD-Y000-2S**

Description:..... 2-Way Power Divider  
 Operating Frequency:..... 4.5 – 10.5 GHz  
 Insertion Loss: ..... 0.7 dB Max  
 Isolation: ..... 19 dB Min  
 VSWR: .....  $\Sigma$  Port..... 1.35:1 Max  
 ..... Outputs..... 1.25:1 Max  
 Amplitude Balance:.....  $\pm$  0.1 dB Max  
 Phase Balance:.....  $\pm$  1.5° Max  
 Power Handling (@  $\Sigma$ -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" = 1.250" [31.8mm])



Weight	Tolerances
0.9 oz [ 25.5g ]	$\pm$ 0.015" [ $\pm$ 0.38 mm ]