



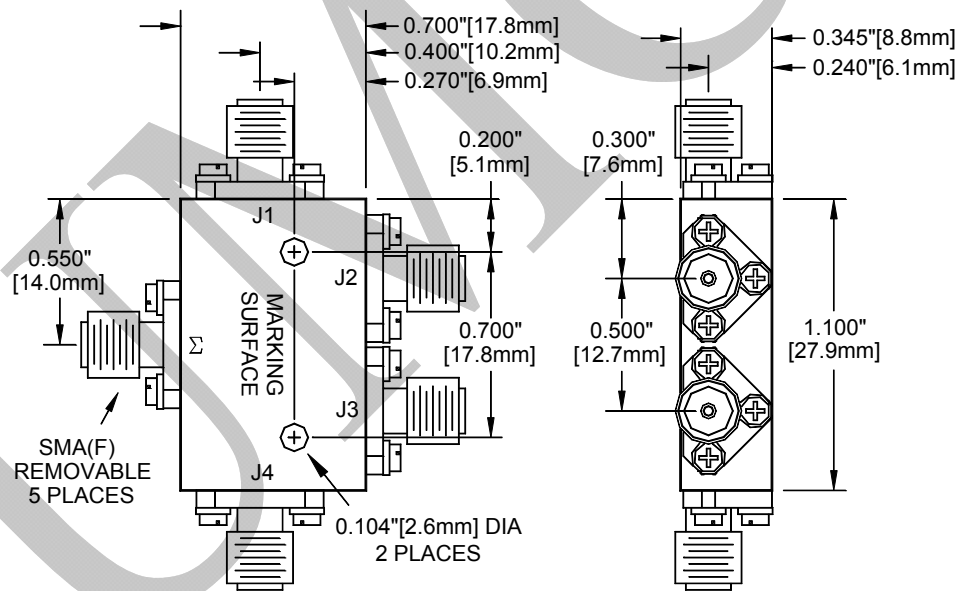
**Model: PD-Z000-4S**

Description:..... 4-Way Resistive Power Divider  
 Operating Frequency:..... DC-12 GHz  
 Insertion Loss: ..... 1.2 dB Max  
 {Note: Loss due to resistive division is 12dB}  
 Isolation (Power Splitting):..... 12 dB Nominal  
 VSWR:..... 1.4:1 Max  
 Amplitude Balance:..... ± 0.2 dB Max  
 Phase Balance:..... ± 3° Max  
 Power Handling (@ SUM Port): ..... Load VSWR=∞ ..... 0.5W AVG/CW  
 ..... Load VSWR <2:1 ..... 1W AVG/CW  
 (75% of incident Power is dissipated internally)  
 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**



Weight	Tolerances
	± 0.015" [ ±0.38mm ]