



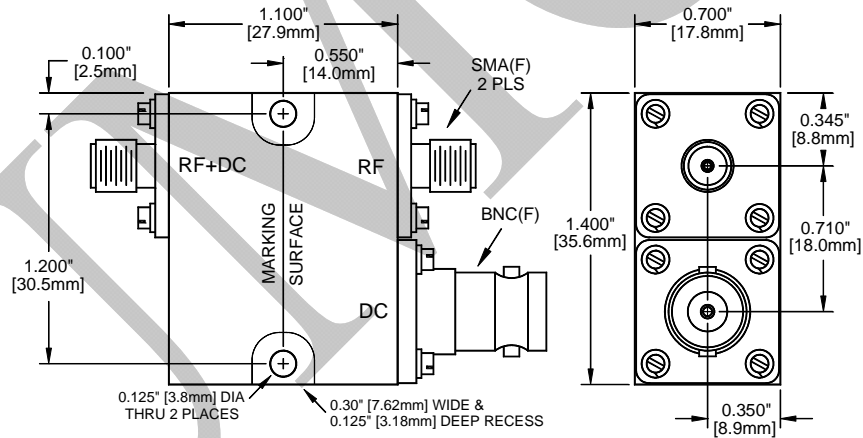
**Model: BD-H250-SB**

Description:..... Bias-T Diplexer  
 RF port Passband Frequency: ..... 250 -2500 MHz  
 DC port Passband Frequency: ..... DC-40 MHz  
 Insertion Loss (RF to RF+DC):..... 0.5 dB Max  
 Cross Rejection (Bias port to RF port): ..... 55dB Min  
 VSWR: ..... 1.5:1 Max  
 Bias Voltage:..... 150 Volts Max  
 Bias Current:..... 3.5A Max  
 RF Power Handling: ..... 100W CW  
 Bias DC Resistance:..... 0.1 Ohm Max  
 RF Connector: ..... SMA (female)  
 RF+DC Connector:..... SMA (female)  
 Bias Connector: ..... BNC (female)  
 Impedance (all ports):..... 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
2.4 oz [68.0g]	±0.015" [±0.38mm]