



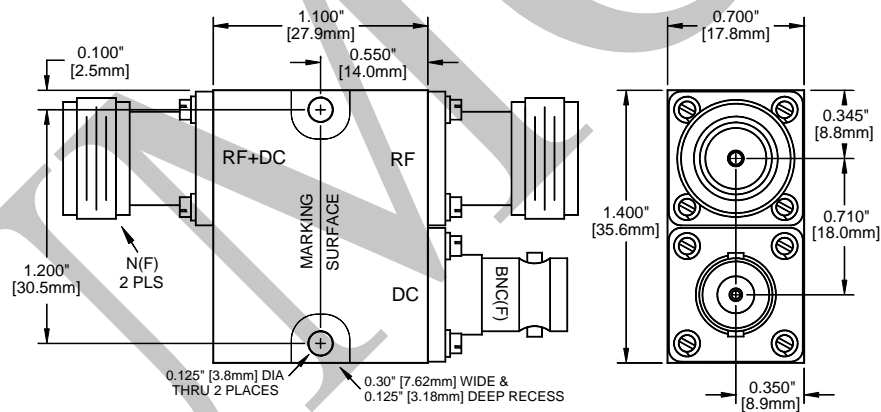
Model: BD-H250-NB

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:	N (female)
RF+DC Connector:.....	N (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
2.8 oz [79.4g]	±0.015" [±0.38mm]