



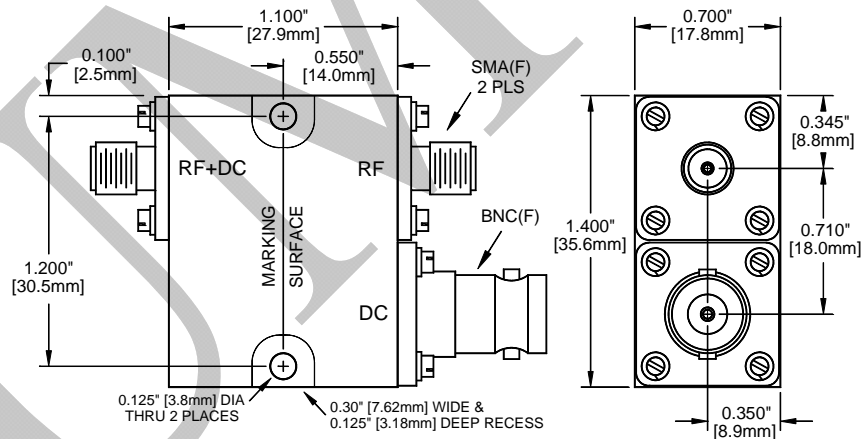
Model: BD-150E-SB

Description:.....	Bias-T Diplexer (noncontiguous)
RF Frequency Band (RF+DC to RF):.....	1200 – 4000 MHz
Insertion Loss (RF+DC to RF):.....	0.3 dB Max
VSWR (RF+DC , RF , BIAS):.....	1.3:1 Max
Cross Rejection (BIAS port to RF ports)	30 dB Min
Bias Voltage:.....	100 Volts Max
Bias Current:.....	3A Max
Bias DC Resistance:.....	0.1 Ohms
Bias Frequency Bandwidth (3dB corner):.....	DC-250MHz
Power Handling:	40W CW/AVG
RF Connector:	SMA (female)
RF+DC Connector:.....	SMA (female)
Bias Connector:.....	BNC (female)
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
2.4 oz [68.0g]	±0.015" [±0.38mm]