



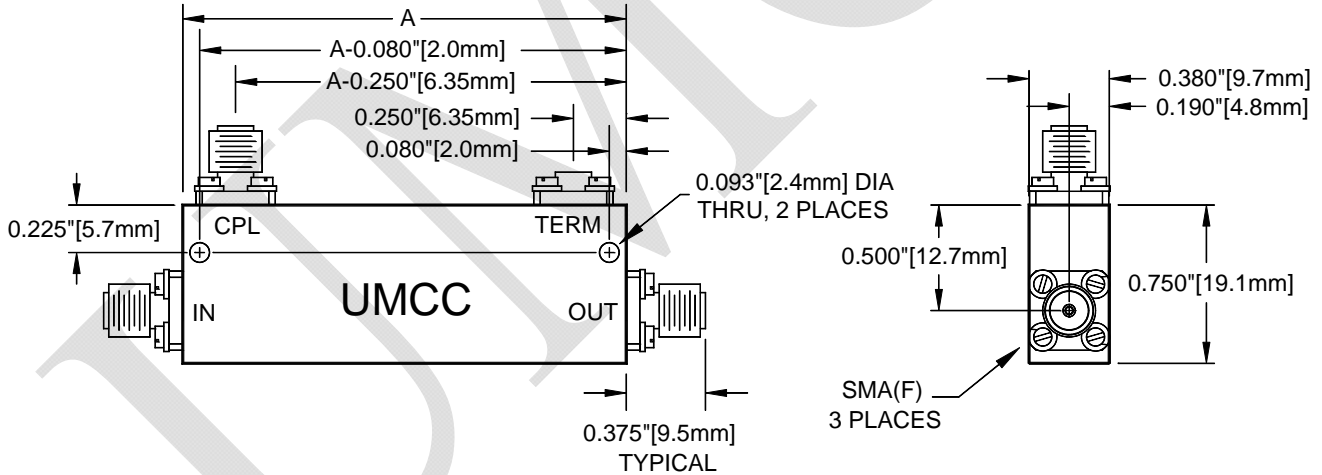
**Model: DC-B500-30S**

Description:.....	Directional Coupler
Operating Frequency:.....	0.45 – 3.25 GHz
Coupling (reference to input):.....	30 ± 1 dB Nominal
Coupling Flatness:.....	± 0.55 dB Max
Insertion Loss (including coupled power):.....	0.4 dB Max
Directivity: .....	17 dB Min
VSWR: .....	Line..... 1.2:1 Max
.....	Couple..... 1.2:1 Max
Power Handling: .....	50W Cw/Avg, 1KW Peak
Connectors: .....	SMA (f)
Impedance:.....	50 Ohms Nominal
Quality:.....	Best-Commercial-Grade

**Environmental Ratings:**

Temperature:.....	{Operating: -40°C to +85°C} & {Storage: -50°C to +100°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" = 5.800" [147.3mm])



Weight
3.0 oz [ 85 g]