



Model: DC-D000-10S

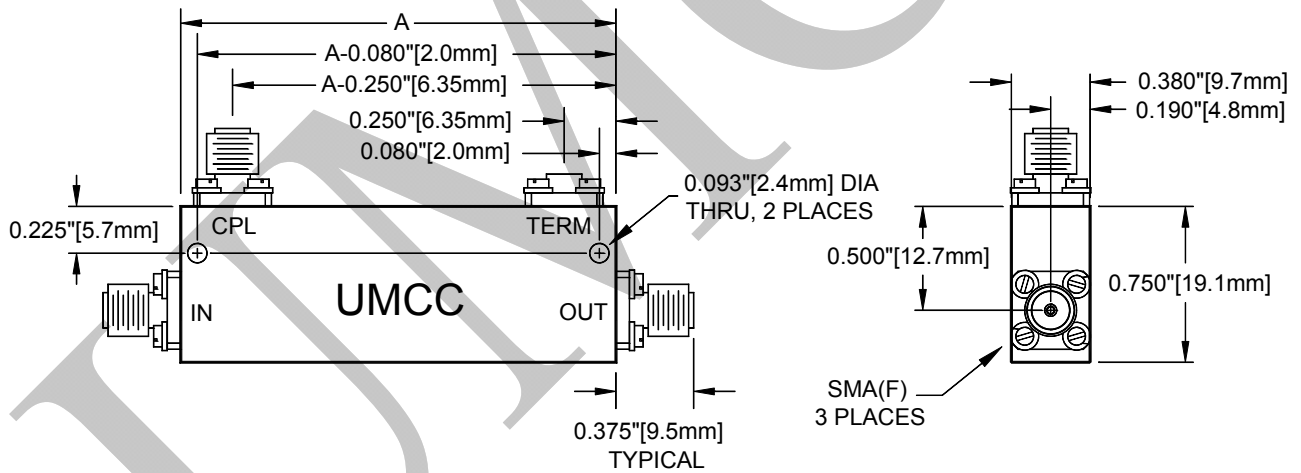
Description:	Directional Coupler
Operating Frequency:	2 - 4 GHz
Coupling (reference to input):	10 ± 1 dB Nominal
Coupling Flatness:	± 0.4 dB Max
Insertion Loss (including coupled power):	0.8 dB Max
Directivity:	20 dB Min
VSWR:	Line 1.2:1 Max
	Couple 1.2:1 Max
Power Handling:	Incident @ Input 50W Cw/Avg Max
	Incident @ Output 10W Cw/Avg Max
Connectors:	SMA (f)
Impedance:	50 Ω 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" = 1.850" [47.0mm])



Weight	Tolerances
1.2 oz [34.0 g]	± 0.015" [± 0.38 mm]