



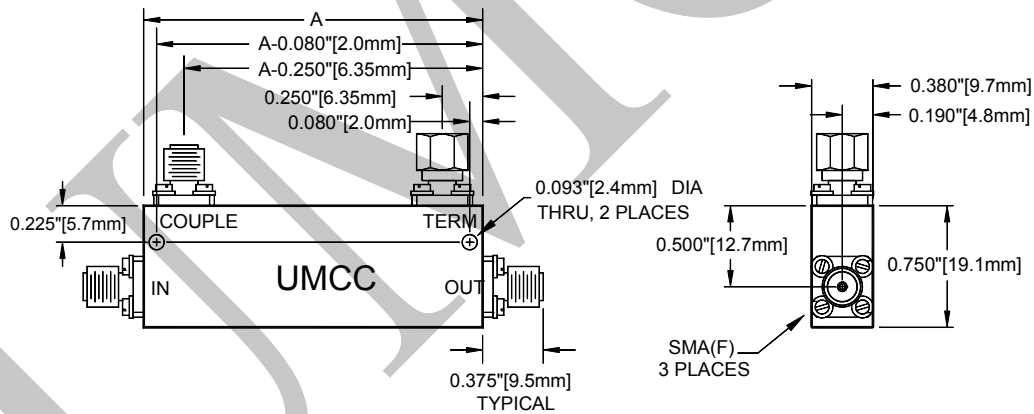
Model: DC-E000-6S

Description:.....	Directional Coupler
Operating Frequency:.....	3.5 – 8.5 GHz
Coupling (reference to input):.....	6 ± 0.75 dB Nominal
Coupling Flatness:.....	± 0.35 dB Max
Insertion Loss (including coupled power):.....	1.75 dB Max
Directivity:	18 dB Min
VSWR:	Line..... 1.3:1 Max
.....	Couple..... 1.3:1 Max
Power Handling:	Incident @ Input..... 50W Cw/Avg Max
.....	Incident @ Output..... 4W 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" = 1.300" [33.0mm])



Weight	Tolerances
0.9 oz [25.5 g]	± 0.015" [± 0.38 mm]