



Model: DC-F000-30S

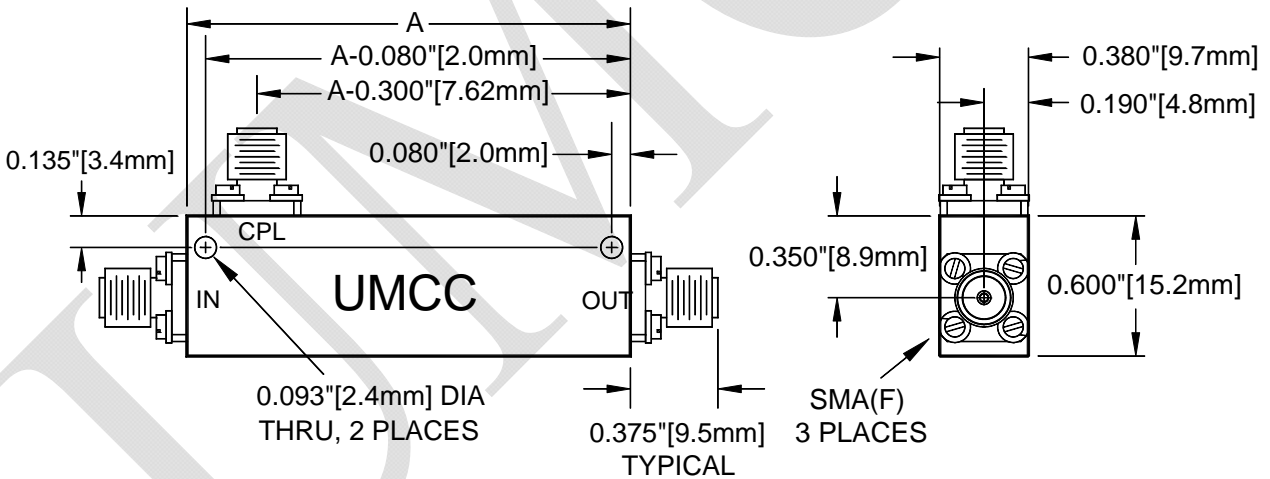
Description:.....	Directional Coupler
Operating Frequency:.....	6.5 – 14.5 GHz
Coupling (reference to input):.....	30 ± 1 dB Nominal
Frequency Sensitivity:	± 0.5 dB Max
Insertion Loss (including coupled power):.....	0.4 dB Max
Directivity:	13 dB Min
VSWR:	Line..... 1.40:1 Max
.....	Couple..... 1.45:1 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" = 1.400" [35.6mm])



Weight
0.8 oz [22.7 g]