



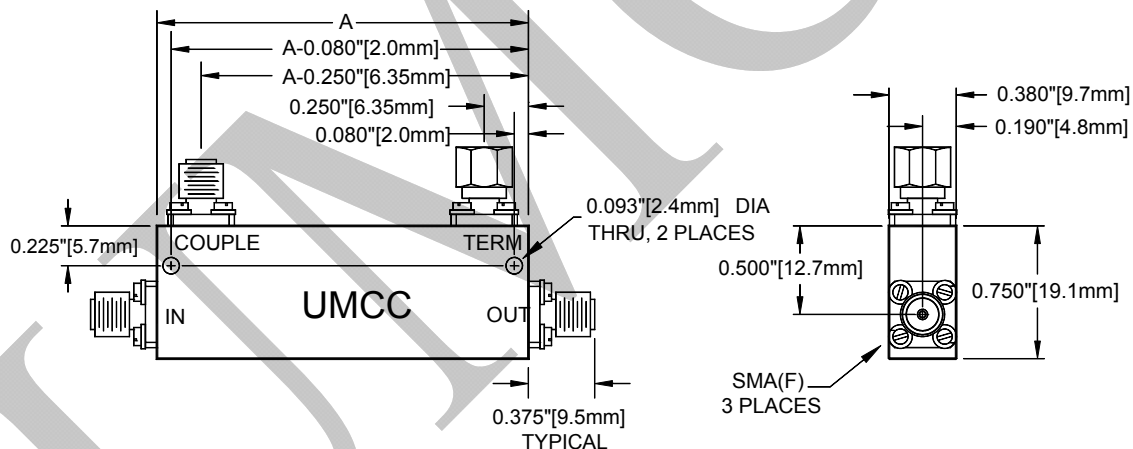
**Model: DC-Y400-20S**

Description:	Directional Coupler
Operating Frequency:	3 - 12 GHz
Coupling (reference to input):	$20 \pm 1$ dB Nominal
Coupling Flatness:	$\pm 0.5$ dB Max
Insertion Loss (including coupled power):	0.35 dB Max
Directivity:	17 dB Min
VSWR:	Line 1.25:1 Max
	Couple 1.25:1 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" = 1.450" [36.8mm])



**Weight**

**1.1 oz [ 31.2 g]**