Universal Microwave Components Corp.
5702-D General Washington Drive Alexandria, VA 22312 <> Web: www.umcc111.com
E-mail: sales@umcc111.com <> Tel: (703) 642-6332 <> Fax: (703) 642-2568

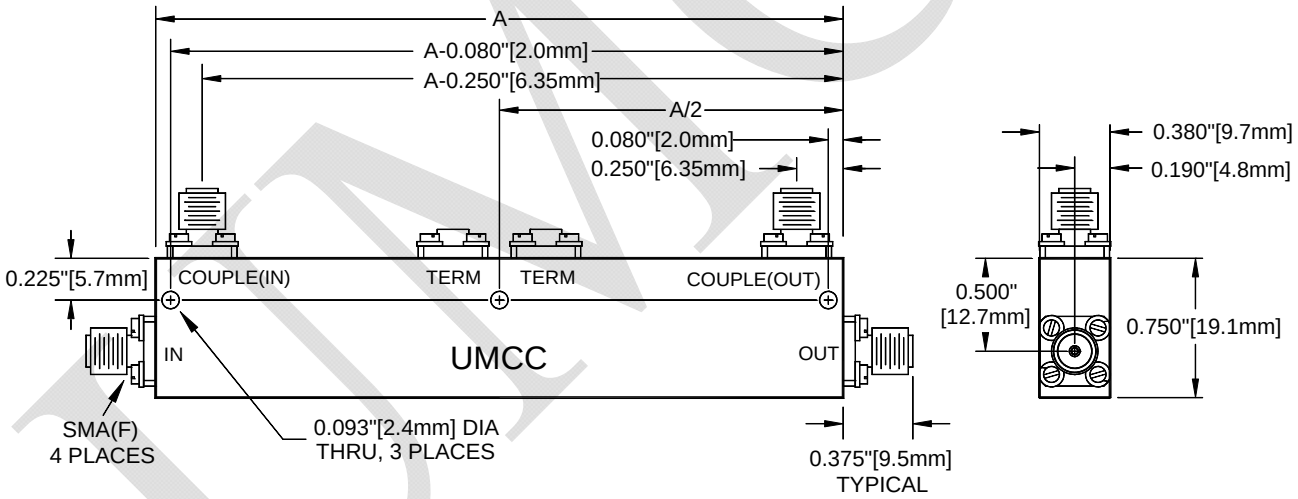
Model: BC-C000-30S

Description:		30dB Bi-Directional Coupler
Operating Frequency:		1 - 2 GHz
Coupling (reference to input):		30±1 dB Nominal
Coupling Flatness:		± 0.7 dB Max
Insertion Loss (including coupled power):		0.4 dB Max
Directivity:		20 dB Min
VSWR:	Line	1.20:1 Max
	Couple	1.25:1 Max
Power Handling:		50W AVG/CW <> 1KW Peak
Connectors:		SMA (f)
Impedance:		50 Ohm
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" = 6.400" [162.6mm])



Weight
3.3 oz [93.6 g]

- Specifications are subject to change without notice