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-E000-6S

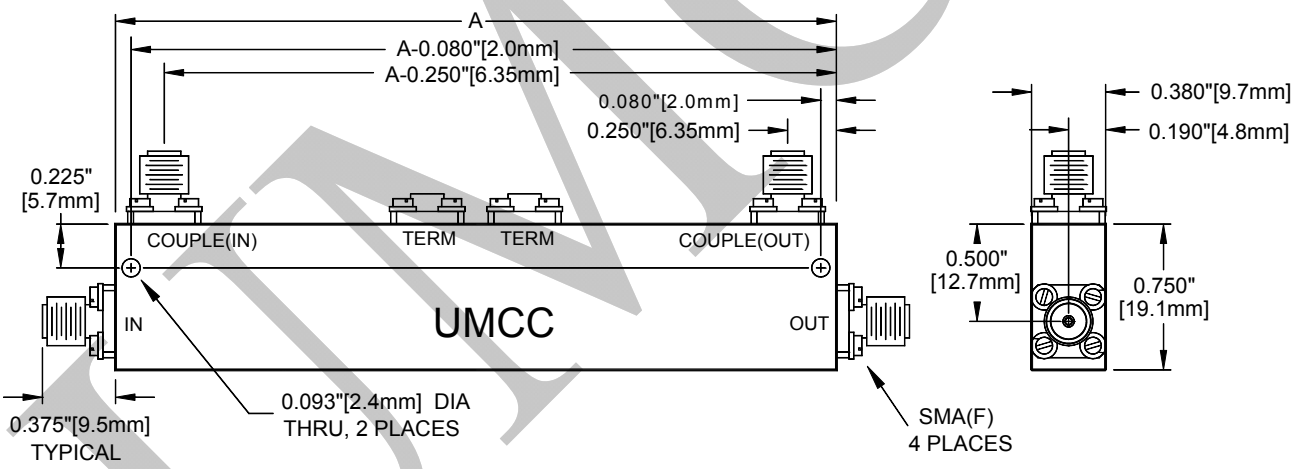
Description:		6 dB Bi-Directional Coupler
Operating Frequency:		4 - 8 GHz
Coupling (reference to input):		6 ± 0.75 dB Nominal
Coupling Flatness:		± 0.60 dB Max
Total Insertion Loss (including coupled power):		3.0 dB Max
Directivity:		15 dB Min
VSWR:	Line	1.35:1 Max
	Couple	1.40:1 Max
Power Handling:		4 W 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" = 2.500" [63.5mm])



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