Universal Microwave Components Corp.
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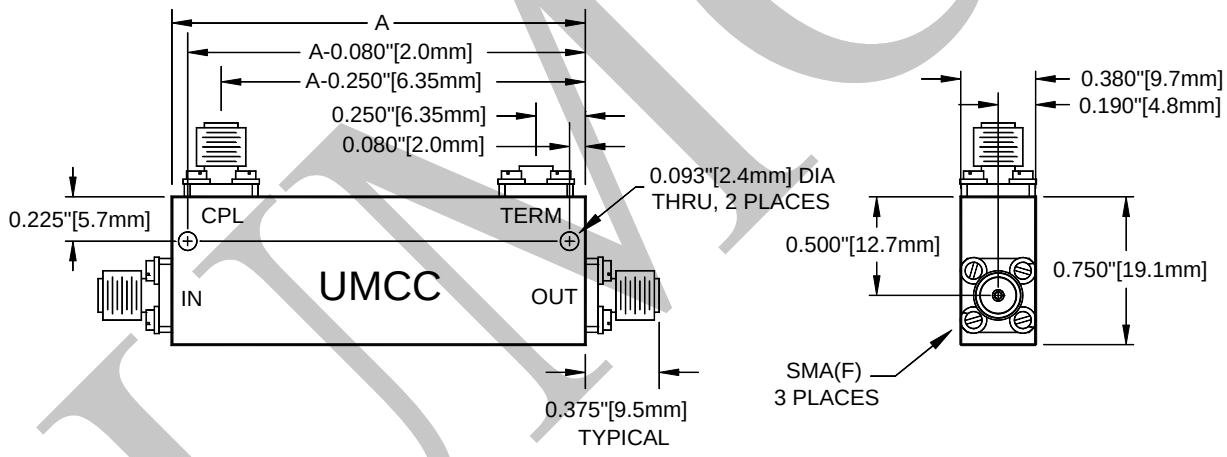
Model: DC-K000-20S

Description:		Directional Coupler
Operating Frequency:		1-4 GHz
Coupling (reference to input):		20 ± 1 dB Nominal
Coupling Flatness:		± 0.55 dB Max
Insertion Loss (including coupled power):		0.35 dB Max
Directivity:		18 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" = 3.000" [76.2mm])



Tolerances: -/+ 0.015" [0.38mm]

Weight
1.7 oz [48.2 g]

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