Universal Microwave Components Corp.
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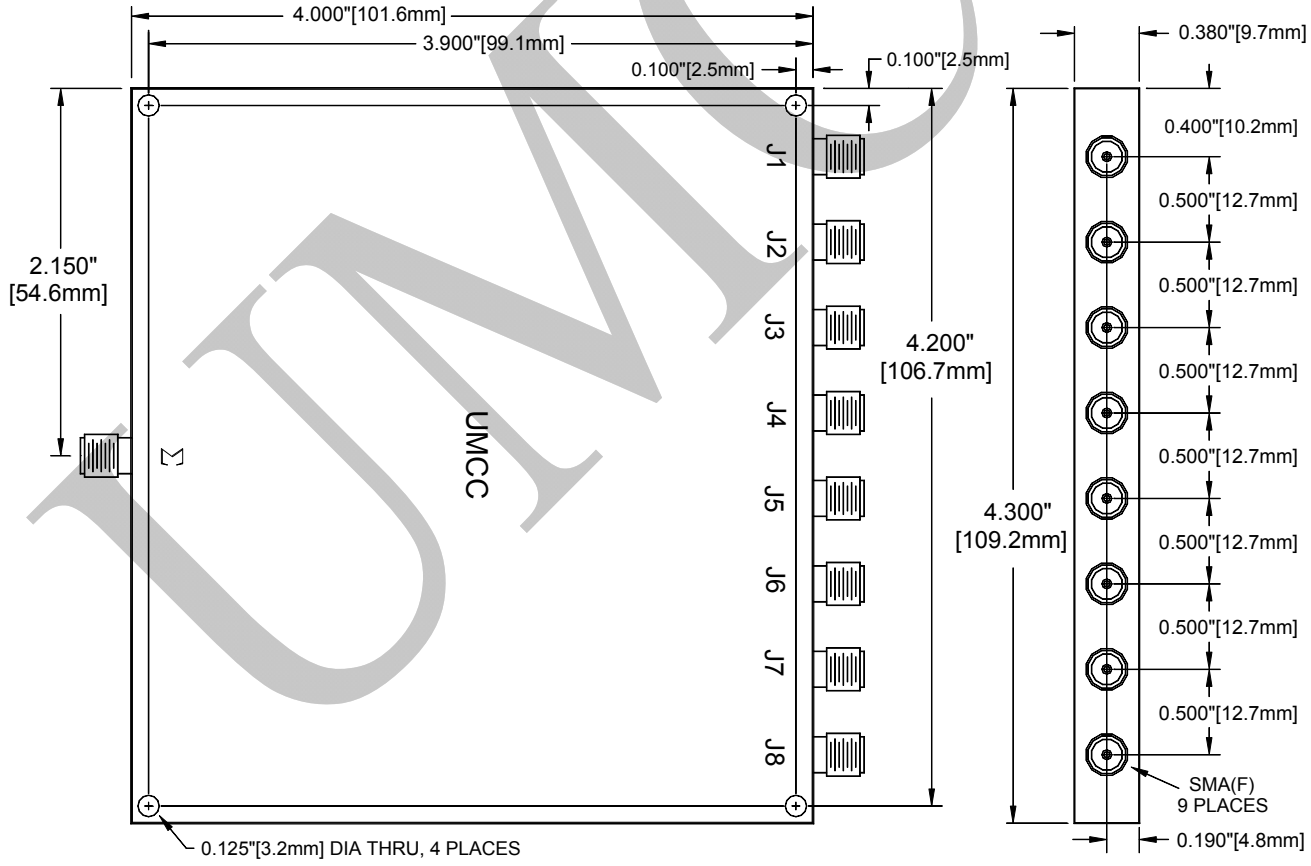
Model: PS-3800-8S

Description:		8-Way Power Divider
Operating Frequency:		2.8 – 5.2 GHz
Insertion Loss:		0.7 dB Max
Isolation:		22 dB Min
VSWR:	Sum Port	1.30:1 Max
	Output Ports	1.25:1 Max
Amplitude Balance:		± 0.2 dB
Phase Balance:		± 3 ° Max
Power Handling (@ SUM Port):	Load VSWR=∞	1W AVG/CW Max
	Load VSWR <2:1	10W AVG/CW Max
Connectors:		SMA (f)
Impedance:		50 Ohms Nominal
Quality:		Best-Commercial-Grade

Environmental Ratings:

Temperature:	{Operating: -55°C to +95°C} & {Storage: -60°C to +110°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



Weight	Tolerances
7.85 oz [223 g]	±0.015" [±0.38mm]

- Specifications are subject to change without notice