



Model: PS-1000-8S

Description: 8-Way Power Divider

Operating Frequency:..... 10– 1000 MHz

Insertion Loss / Amplitude Balance / Phase Balance:

Frequency	Insertion Loss	Ampl. Bal	Phase Bal.
10-500 MHz	1.3 dB Max	±0.2 dB Max	±1° Max
500-1000 MHz	1.8 dB Max	±0.3 dB Max	±2° Max

VSWR: Sum Port..... 1.35:1 Max
..... Output Ports..... 1.35:1 Max ; (1.45:1 Max over 10-20 MHz)

Isolation:..... 23 dB Min

Power Handling (@ SUM Port): Load VSWR=∞ 4W 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)

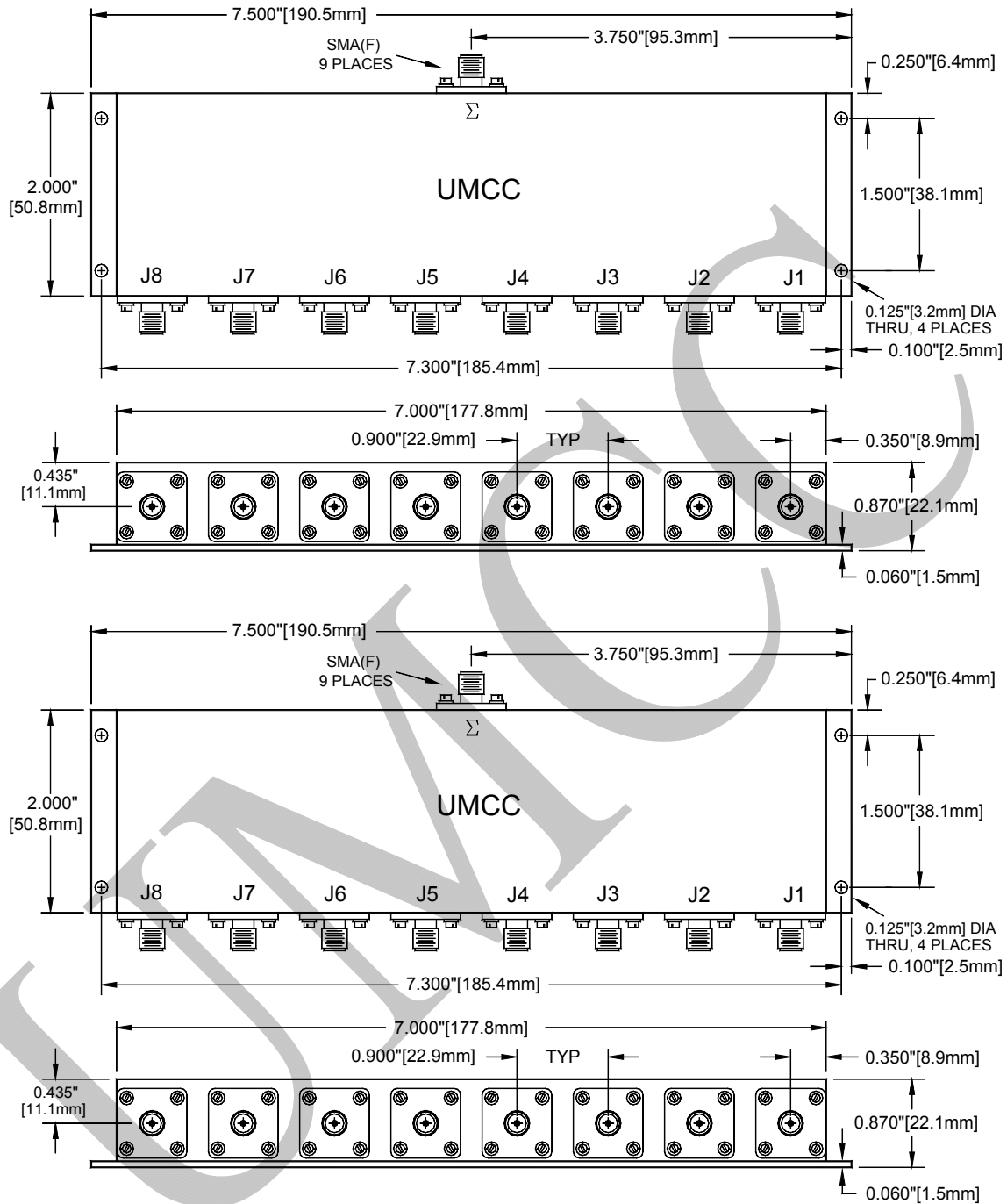
Altitude:..... MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)

Temp. Shock:..... MIL-STD-202F, Method 107D, Cond. A (5 cycles)

Outline



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Weight	Tolerances
9.3 oz [264 g]	±0.015" [±0.38mm]