



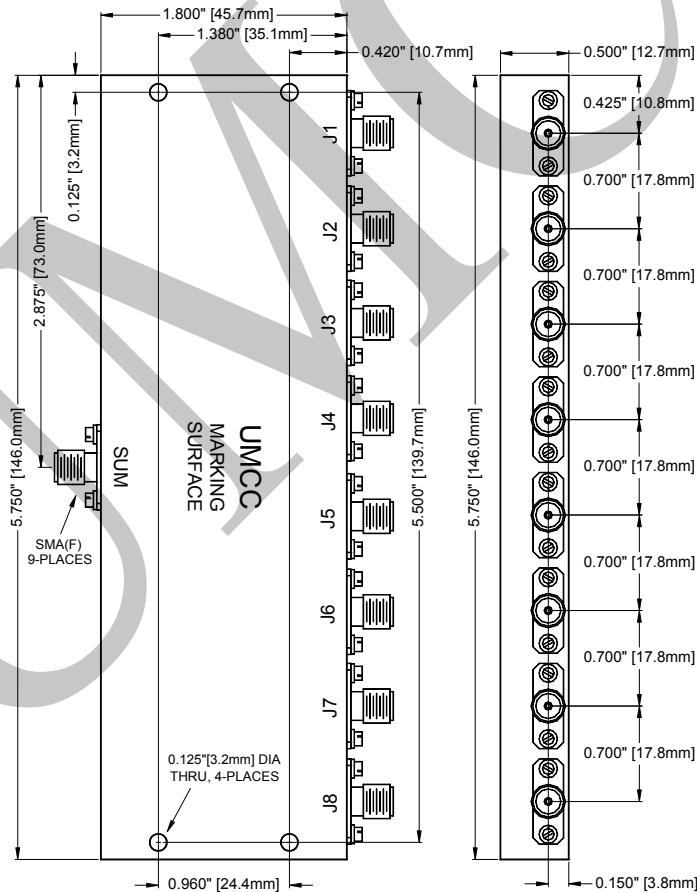
Model: PD-0100-8S

Description:	8-Way Power Divider
Operating Frequency:	0.5 - 100 MHz
Insertion Loss:	1.2 dB Max
Isolation:	30 dB Min
VSWR:	Sum Port: 1.20:1 Max <> [1.5:1 over 0.5-3 MHz]
	Output Ports: 1.20:1 Max <> [1.4:1 over 0.5-3 MHz]
Amplitude Balance:	± 0.1 dB
Phase Balance:	± 1 ° Max
Power Handling (@ SUM Port):	Load VSWR=∞: 2W AVG/CW Max
	Load VSWR <2:1: 8W 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
4.6 oz [130 g]	±0.015" [±0.38mm]