Universal Microwave Components Corp.
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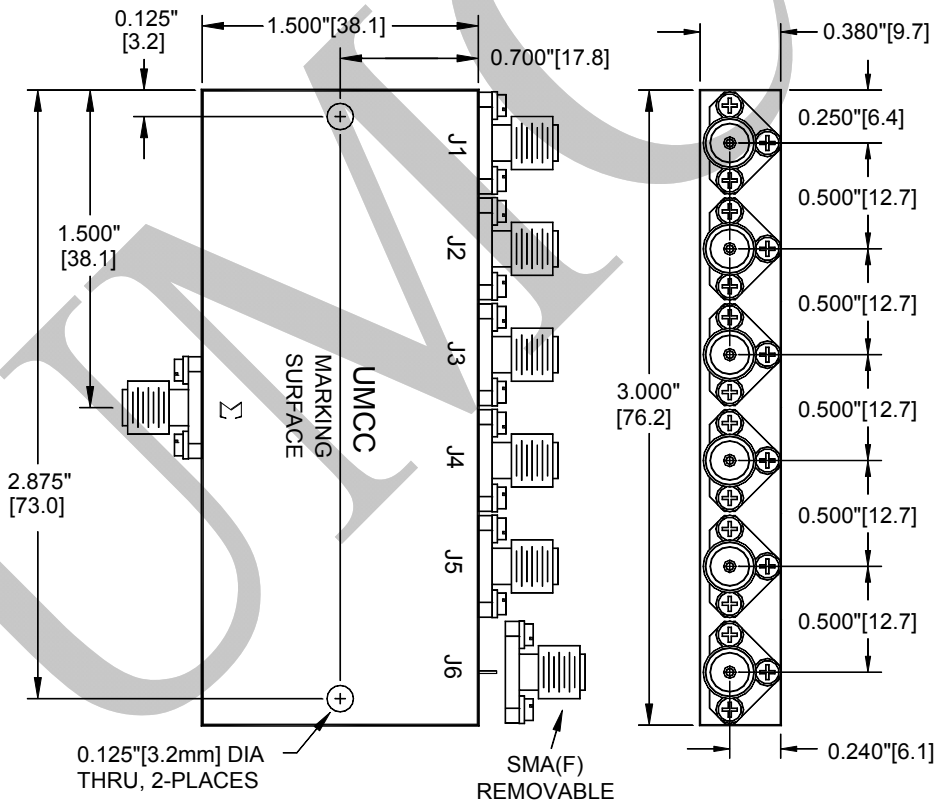
Model: PD-F000-6S

Description:		6-Way Power Divider
Operating Frequency:		8-12.4 GHz
Insertion Loss:		0.8 dB Max
Isolation:		18 dB Min
VSWR:	Σ Port	1.55:1 Max
	Output Ports	1.40:1 Max
Amplitude Balance:		± 0.2 dB Max
Phase Balance:		± 4° Max
Power Handling (@ SUM-Port):	Load VSWR=∞	1W AVG/CW Max
	Load VSWR <2:1	10W AVG/CW Max
Connectors:		SMA (f), Removable
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
2.7 oz [76.5 g]	±0.015" [±0.38mm]

- Specifications are subject to change without notice