Universal Microwave Components Corp.
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Model: DC-S000-6S

Description: ..... Directional Coupler
Operating Frequency: ..... 2 - 18 GHz
Coupling (reference to input): ..... 6 ± 0.75dB Nominal
Coupling Flatness: ..... ± 0.85 dB Max
Insertion Loss (including coupled power): ..... 2.20 dB Max
Directivity:

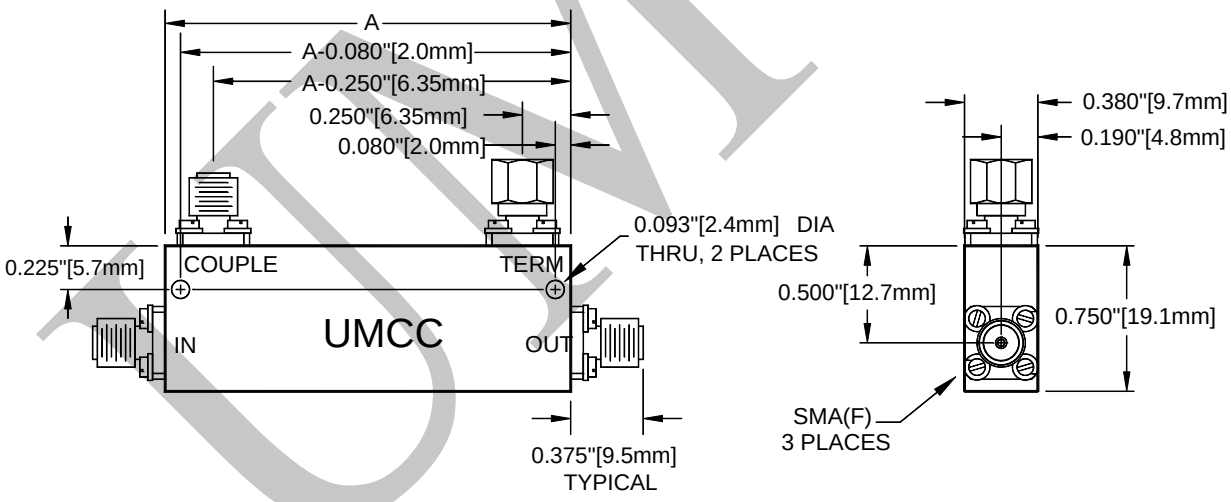
2 - 12 GHz	12 – 18 GHz
14dB Min	11dB Min

VSWR: ..... Line ..... 1.45:1 Max
..... Couple ..... 1.55:1 Max
Power Handling: ..... 4W 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" = 2.180" [55.4mm])



Weight
1.5 oz [42.5 g]

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