



Model: AG-K000-60D

Table with 2 columns: Description and specifications. Includes rows for Operating Frequency (0.5 - 4 GHz), Insertion Loss (3.5 dB Max), Attenuation Range (0 - 60 dB Nominal Min), Attenuation Flatness (0.4 dB Peak-Peak Max), Control Function (8 Bit Positive Binary TTL), Transfer Function Accuracy (±0.5 dB Max), VSWR (1.85:1 Max), Settling Time (3µs Max), Power Handling (+17 dBm CW/Peak Max), Temperature Coefficient (±0.025 dB/°C), Power Supply (+12 to +15Vdc @ 150 mA), Connectors (SMA female), Connector (15-Pin D-Type Male), Impedance (50 Ohms Nominal), and Quality (Best-Commercial-Grade).

Environmental Ratings:

Table with 2 columns: Parameter and rating. Includes Temperature (Operating: -40°C to +85°C & Storage: -50°C to +100°C), Humidity (MIL-STD-202F, Method 103B, Cond. B), Shock (MIL-STD-202F, Method 213B, Cond. B), Vibration (MIL-STD-202F, Method 204D, Cond. B), Altitude (MIL-STD-202F, Method 105C, Cond. B), and Temp. Shock (MIL-STD-202F, Method 107D, Cond. A).

Available Options:

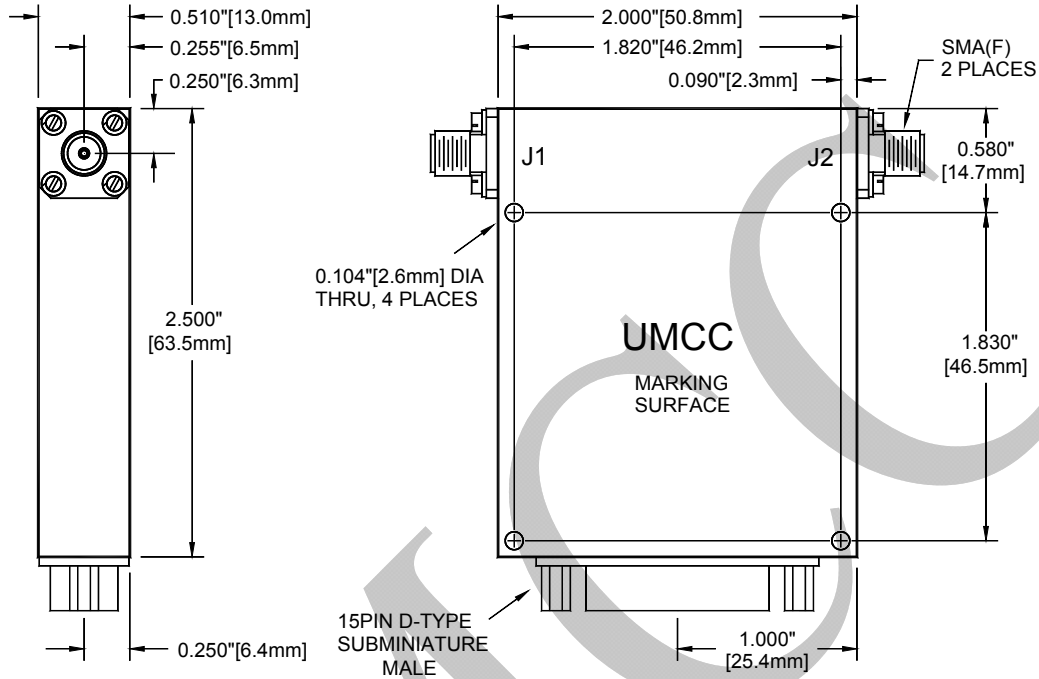
(Units with listed options here may be subject to some specification tradeoffs from the standard, consult factory)

- RF Connectors: B1 [J1 SMA (male)], B2 [All SMA (male)]
Control Function Resolution: E1 [LSB = 1/8 dB <> 9-Bits <> "fractional steps"], R1 [LSB = 0.1 dB <> 10-Bits <> "decimal steps"], E2 [LSB = 1/16 dB <> 10-Bits <> "fractional steps"], R2 [LSB = 0.05 dB <> 11-Bits <> "decimal steps"], E3 [LSB = 1/32 dB <> 11-Bits <> "fractional steps"], E4 [LSB = 1/64 dB <> 12-Bits <> "fractional steps"]
Transfer Functions: F3 [Inverse Logic ("00...00" = Max Attenuation)]



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Outline



Weight	Tolerances
3.2 oz [90.7g]	±0.015" [±0.38mm]

Pin-Out Function

PIN	Function
1	N/C
2	N/C
3	N/C
4	N/C
5	0.25 dB
6	0.5 dB
7	1.0 dB
8	2.0 dB
9	4.0 dB
10	8.0 dB
11	16.0 dB
12	32.0 dB
13	+VDC
14	N/C
15	GND (Chassis & Digital)

