Universal Microwave Components Corp.
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Model: AE-CD00-40C

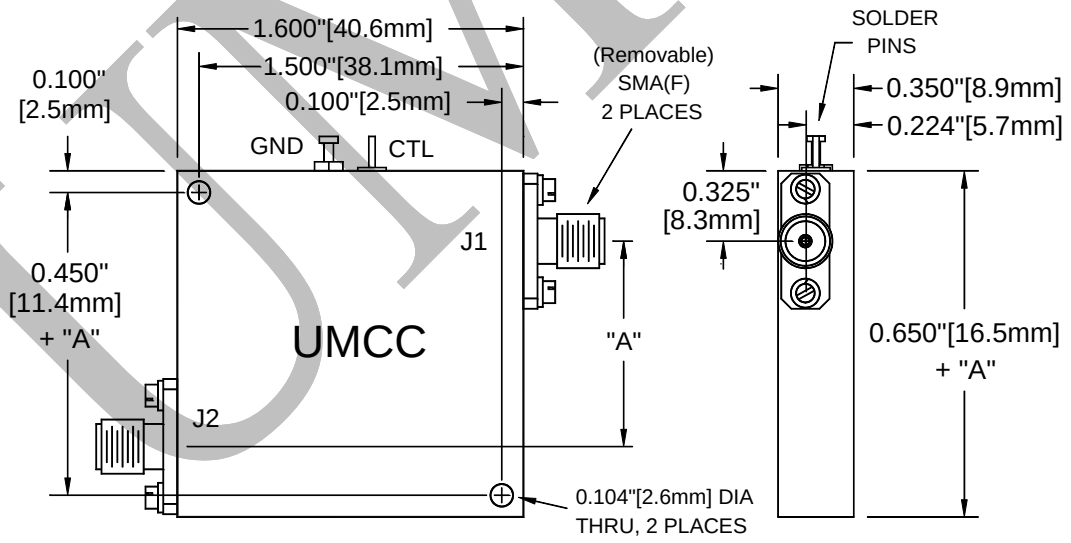
Description:		Current Controlled PIN Attenuator
Operating Frequency:		1.1 – 3.3 GHz
Phase-Invariant Frequency Region (<±10 Deg)..		1.7 – 2.5 GHz
Insertion Loss (0dB Attn. Ref.):		1.7 dB Max
Attenuation Range:		0 – 40 dB Nominal Min
Attenuation Flatness:	0.5 dB Peak-Peak	up to 10 dB
	0.9 dB Peak-Peak	up to 20 dB
	1.2 dB Peak-Peak	up to 30 dB
	1.5 dB Peak-Peak	up to 40 dB
Control Function:		0 – 10 mA Forward Current (approx.)
VSWR (all settings):		1.6:1 Max
Settling Time ("±1dB of Target Setting"):		500 ns Max, (5µs<PW<0.1s)
Power Handling:	Operating	+17 dBm CW/Peak Max
	Survival	+30 dBm CW/AVG Max
Connectors (RF):		SMA (f), Removable
Connector (Supply & Controls):		Solder Pins
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" = 0.950" [24.1mm] <> Tolerances: ±0.015" [0.38mm])



- Specifications are subject to change without notice