Universal Microwave Components Corp.
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Model: AT-D000-HC

Description:		Current Controlled PIN Attenuator
Operating Frequency:		2 - 4 GHz
Insertion Loss (0dB Attn. Ref.):		1.7 dB Max
Attenuation Range:		0 - 60dB Nominal Min
Attenuation Flatness:	0.6 dB PK-PK	up to 10 dB
	1.6 dB PK-PK	up to 20 dB
	2.8 dB PK-PK	up to 40 dB
	3.0 dB PK-PK	up to 50 dB
	3.4 dB PK-PK	up to 60 dB
Control Function:		0 – 10 mA Forward Current (approx.)
VSWR (all settings):		1.45:1 Max
Settling Time (“±1dB of Target Setting”):		500 ns Max, (5µs<PW<0.1s)
Power Handling:	Operating	+20 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” = 0.760” [19.3mm] <> Tolerances: ±0.015” [0.38mm])