



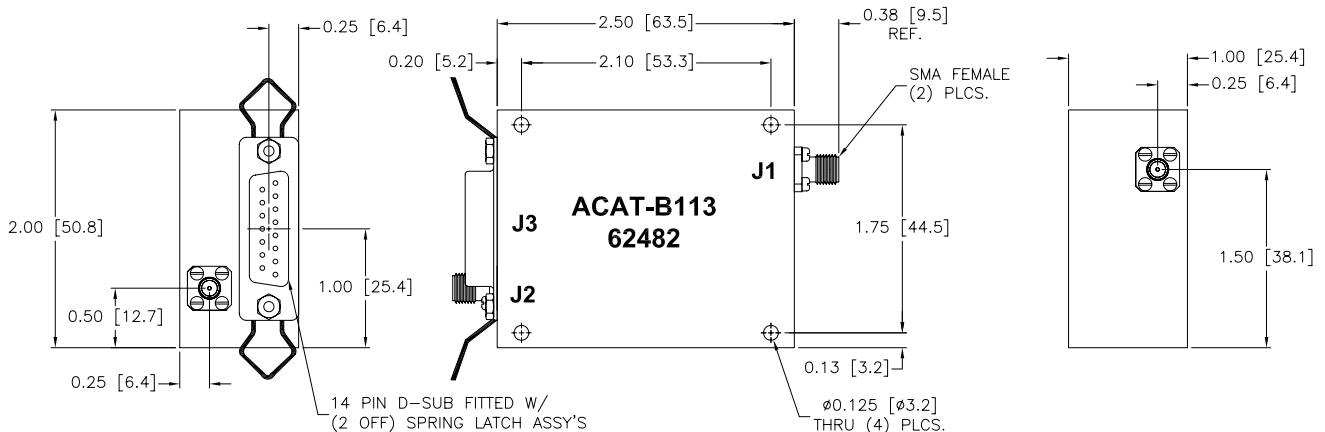
PRODUCT SPECIFICATION
PART NUMBER: ACAT-B113
DESCRIPTION: ATTENUATOR, DIGITAL, 8 BIT, 64 dB

FREQUENCY RANGE: 8-- 11 GHz MAX.
 INSERTION LOSS: 3.0 dB MAX.
 VSWR: 2.0 : 1 MAX.
 ATTENUATION ACCURACY: 0.5 dB MAX.
 ATTENUATION SLOPE: 0.5 dB MAX.
 ATTENUATION RANGE: 50.0 dB MIN.
 SWITCHING SPEED: 10 μ SEC MAX.
 VIDEO BREAKTHROUGH SIGNALS: - 65.0 dBm MAX.
 HARMONICS AND SUB-HARMONICS: - 65.0 dBm MAX.
 RF INPUT POWER (NO DAMAGE): +10.0 dBm MAX.
 RF INPUT POWER (OPERATIONAL): 0.0 dBm MAX.
 CONTROL:
 PIN 1 = 0.25 dB
 PIN 2 = 0.50 dB
 PIN 3 = 1.00 dB
 PIN 4 = 2.00 dB
 PIN 5 = 4.00 dB
 PIN 6 = 8.00 dB
 PIN 7 = 16.00 dB
 PIN 8 = 32.00 dB
 PIN 9 - PIN 12 = SPARE
 PIN 13 = 0V (\pm 15)
 PIN 14 = +15V
 PIN 15 = 15V

TEMP. RANGE:
 (OPERATING): 0°C TO +75°C
 (STORAGE): -40°C TO +70°C

BIAS AND CONTROL: 15 PIN D-SUB CONNECTOR W/ SPRING LATCH ASSEMBLY
 RF CONNECTORS: SMA FEMALE
 FINISH: GRAY EPOXY PAINT PER MIL-C-22750

REV.	DESCRIPTION	DATE	APP'D
-	INITIAL RELEASE	5/17/01	CP
A	UPDATED SPEC.	6/14/02	RG



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CAUTION
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UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON FINISH: RMS 63
 ANGLES: \pm 1/2° FRACTIONS: \pm 1/64
 4 PLACE DECIMALS: \pm .0005
 3 PLACE DECIMALS: \pm .005
 2 PLACE DECIMALS: \pm .01

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 SHEET: 1 OF 1
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