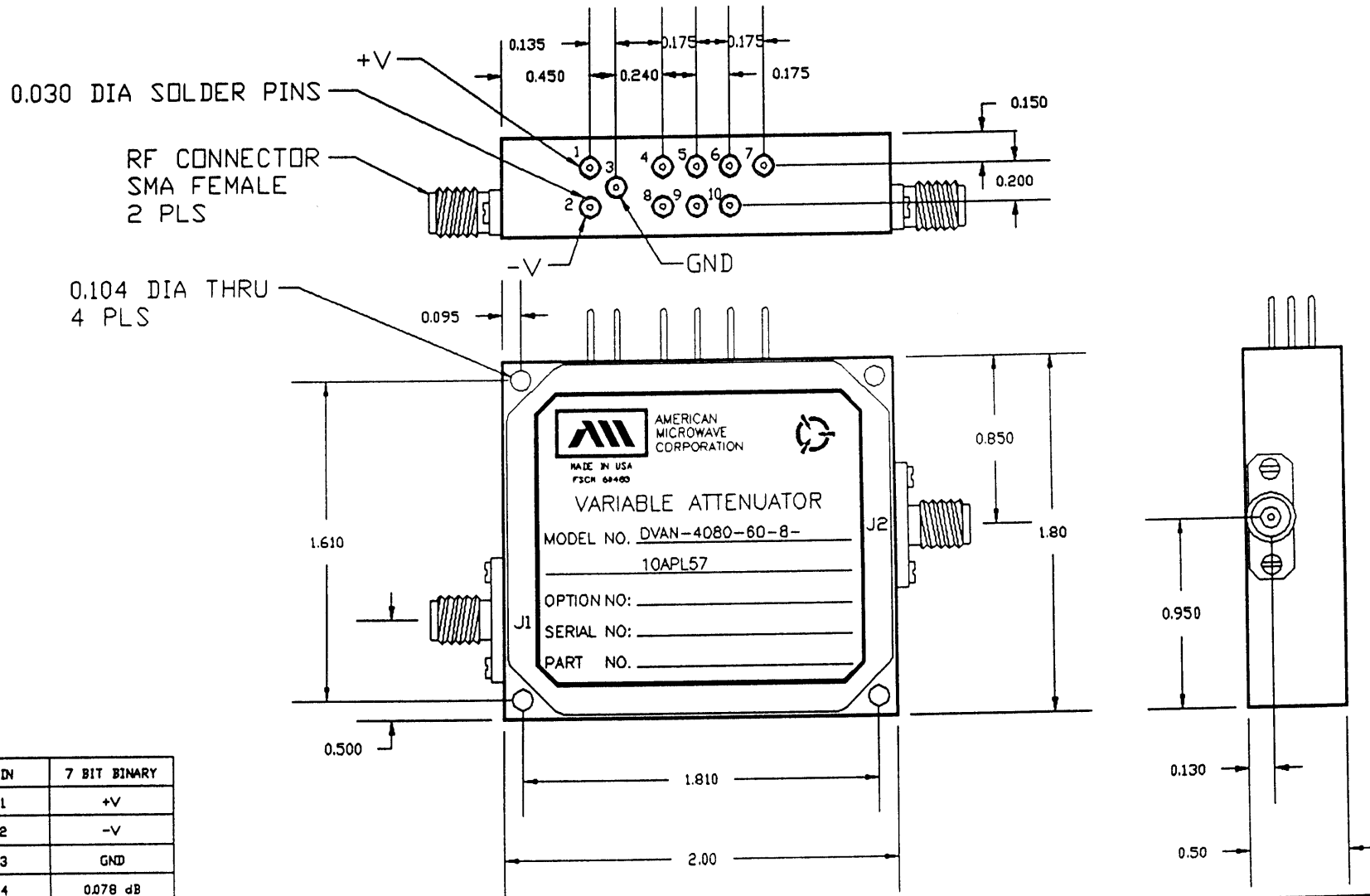


DVAN-4080-60-8-10APL 57

Specification for RFIS Digital PIN Diode Attenuator

Frequency Range:	5.725 to 7.075 GHz
Attenuation Range:	0 to 10 dB (monotonically increasing)
Overall Accuracy	+/- 0.5 dB including linearity and frequency sensitivity
Amplitude/Frequency Flatness	+/- 0.5 dB (max.) over the frequency range
Resolution:	0.1 dB (monotonic)
Insertion Loss:	3.0 dB (max.)
RF Input Power:	1 W CW (max.)
RF Impedance:	50 Ω nominal
VSWR:	1.75:1 (max.)
Logic:	TTL Compatible
Switching Speed:	10 microseconds
Temperature Range:	-55° C to 85° C
Temperature Stability:	+/- 0.3 dB from +10° C to +40° C
DC Power:	+/- 15 VDC at +/- 50mA.(max.)
RF Connectors:	SMA (female)
Electrical Connectors:	Solder Terminal
Size:	L=2.5", W= 2.0", H= 1.0" (max)

REVISIONS			DATE	APPROVED
ZONE	REV.	DESCRIPTION		
	A	ORIGINAL RELEASE	09/16/95	



PIN	7 BIT BINARY
1	+V
2	-V
3	GND
4	0.078 dB
5	0.156 dB
6	0.312 dB
7	0.624 dB
8	1.248 dB
9	2.496 dB
10	4.992 dB

ALL DIMENSIONS ARE IN INCHES.
TOLERANCE: X.XX ±0.020
X.XXX ±0.010