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Control
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PRODUCT SPECIFICATION
PART NUMBER: ACSW-5034
DESCRIPTION: SWITCH, SP8T, ABSORPTIVE, WITH 3 BIT TTL DRIVER

FREQUENCY RANGE: .5 - 18 GHz MIN.

INSERTION LOSS: 7.0 dB MAX.

VSWR: 2.0 : 1 MAX.

ISOLATION: 80 dB MIN.

SWITCHING SPEED: 1 μ SEC. MAX. (50% TTL TO 90/10%RF)

RF POWER, OPERATING: +27 dBm MAX.

DC BIAS: +12V @ 350 mA MAX.
-12V @ 85 mA MAX.

CONTROL: 3 BIT TTL

TEMP. RANGE
(OPERATING): -40°C TO +85°C
(STORAGE): -55°C TO +125°C

RF CONNECTORS: SMA FEMALE

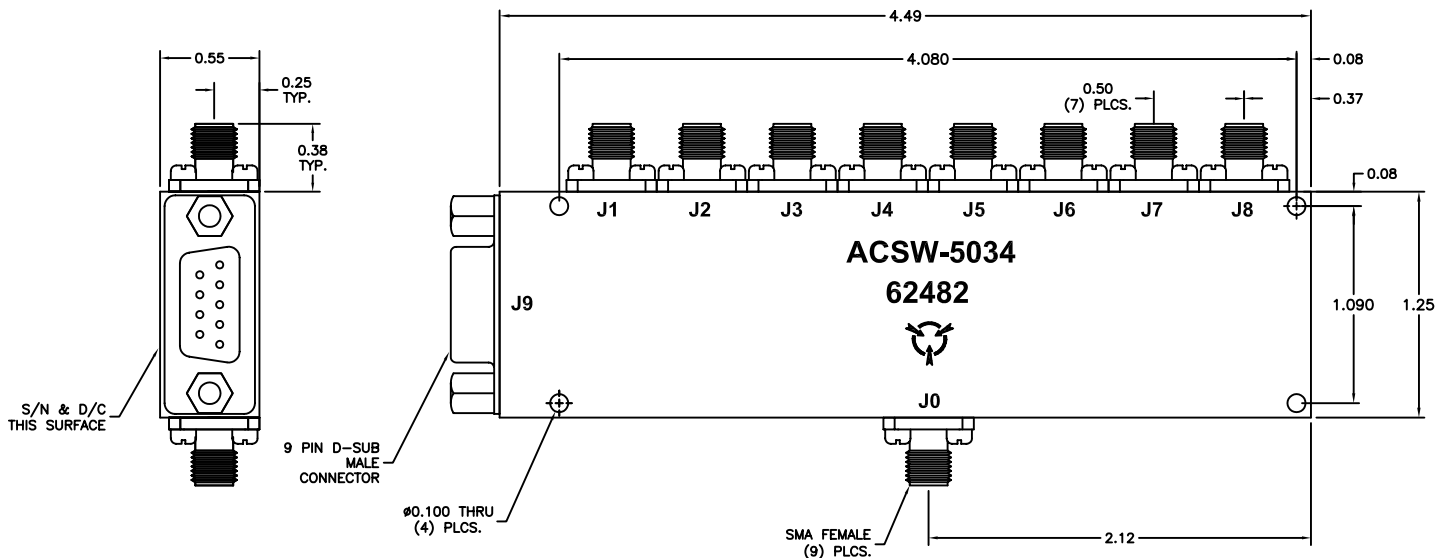
BIAS AND CONTROL: 9 PIN MALE D-SUB CONNECTOR

FINISH: GRAY EPOXY PAINT PER MIL-C-22750

REV.	DESCRIPTION	DATE	APP'D
-	INITIAL RELEASE	5/28/04	RC

E1	E2	E3	LOW LOSS PATH
0	0	0	J1 TO J9
1	0	0	J2 TO J9
0	1	0	J3 TO J9
1	1	0	J4 TO J9
0	0	1	J5 TO J9
1	0	1	J6 TO J9
0	1	1	J7 TO J9
1	1	1	J8 TO J9

PIN	FUNCTION
1	E1
2	E2
3	E3
4	N/C
5	N/C
6	+12V
7	GND
8	GND
9	-12V



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CAUTION
UNLESS THIS DRAWING BEARS AUTHORIZED SIGNED APPROVAL(S) IT IS PRELIMINARY AND IS NOT TO BE USED FOR MANUFACTURING PURPOSES.

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

DRAWN BY: D.WHEAT 5/26/2004
APPROVED BY: D.WHEAT 5/26/2004
SHEET: 1 OF 1
FILECODE: ACSW-5034

SPEC SHEET REV -