



Advanced  
Control  
Components  
Inc.

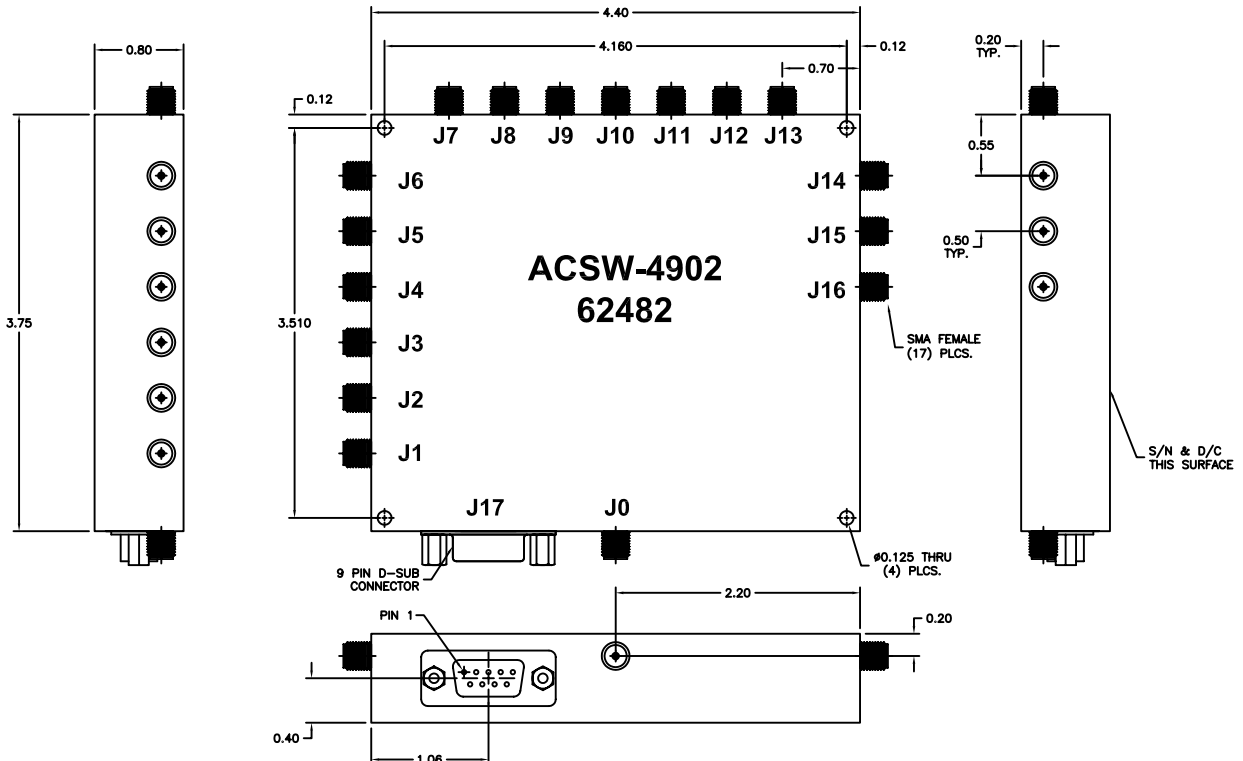
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PRODUCT SPECIFICATION  
PART NUMBER: ACSW-4902  
DESCRIPTION: SWITCH, SP16T, ABSORPTIVE

FREQUENCY RANGE: 2.2 - 5.75 GHz  
 INSERTION LOSS: 2.5 dB MAX.  
 VSWR: 1.75 : 1 MAX.  
 ISOLATION: 60 dB MIN.  
 SWITCHING SPEED: 2 uSEC. MAX. (50% TTL TO 90 / 10% RF)  
 RF POWER : 10W C.W. MAX. (LOW LOSS PATH)  
 2W CW MAX. (TERMINATED PATH)  
 POWER SUPPLIES: +5V @ 900 mA MAX.  
 -24V @ 200 mA MAX.  
 LOGIC: 4 BIT TTL CODED  
 TEMPERATURE (OPERATING): -40°C TO +85°C  
 (STORAGE): -55°C TO +125°C  
 DC & BIAS CONNECTOR: 9 PIN D-SUB MALE  
 PIN 1 = E1  
 PIN 2 = E2  
 PIN 3 = E3  
 PIN 4 = E4  
 PIN 5 = N/C  
 PIN 6 = +5V  
 PIN 7 = GND  
 PIN 8 = GND  
 PIN 9 = -24V  
 RF CONNECTOR: SMA FEMALE  
 FINISH: GRAY EPOXY PAINT PER MIL-C-22750

REV.	DESCRIPTION	DATE	APP'D
-	INITIAL RELEASE	4/18/02	CP

LOGIC TABLE				
CONTROL INPUT				LOW LOSS PATH
E4	E3	E2	E1	
0	0	0	0	J1 - J0
0	0	0	1	J2 - J0
0	0	1	0	J3 - J0
0	0	1	1	J4 - J0
0	1	0	0	J5 - J0
0	1	0	1	J6 - J0
0	1	1	0	J7 - J0
0	1	1	1	J8 - J0
1	0	0	0	J9 - J0
1	0	0	1	J10 - J0
1	0	1	0	J11 - J0
1	0	1	1	J12 - J0
1	1	0	0	J13 - J0
1	1	0	1	J14 - J0
1	1	1	0	J15 - J0
1	1	1	1	J16 - J0



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UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES  
 TOLERANCES ON FINISH: RMS 63  
 ANGLES: ±1/2° FRACTIONS: ±1/64  
 4 PLACE DECIMALS: ±.0005  
 3 PLACE DECIMALS: ±.005  
 2 PLACE DECIMALS: ±.01

DRAWN BY: C. PERRONE 4/18/02

APPROVED BY: R. GALLI 4/18/02

SHEET: 1 OF 1

FILECODE: ACSW-4902

SPEC SHEET REV -