



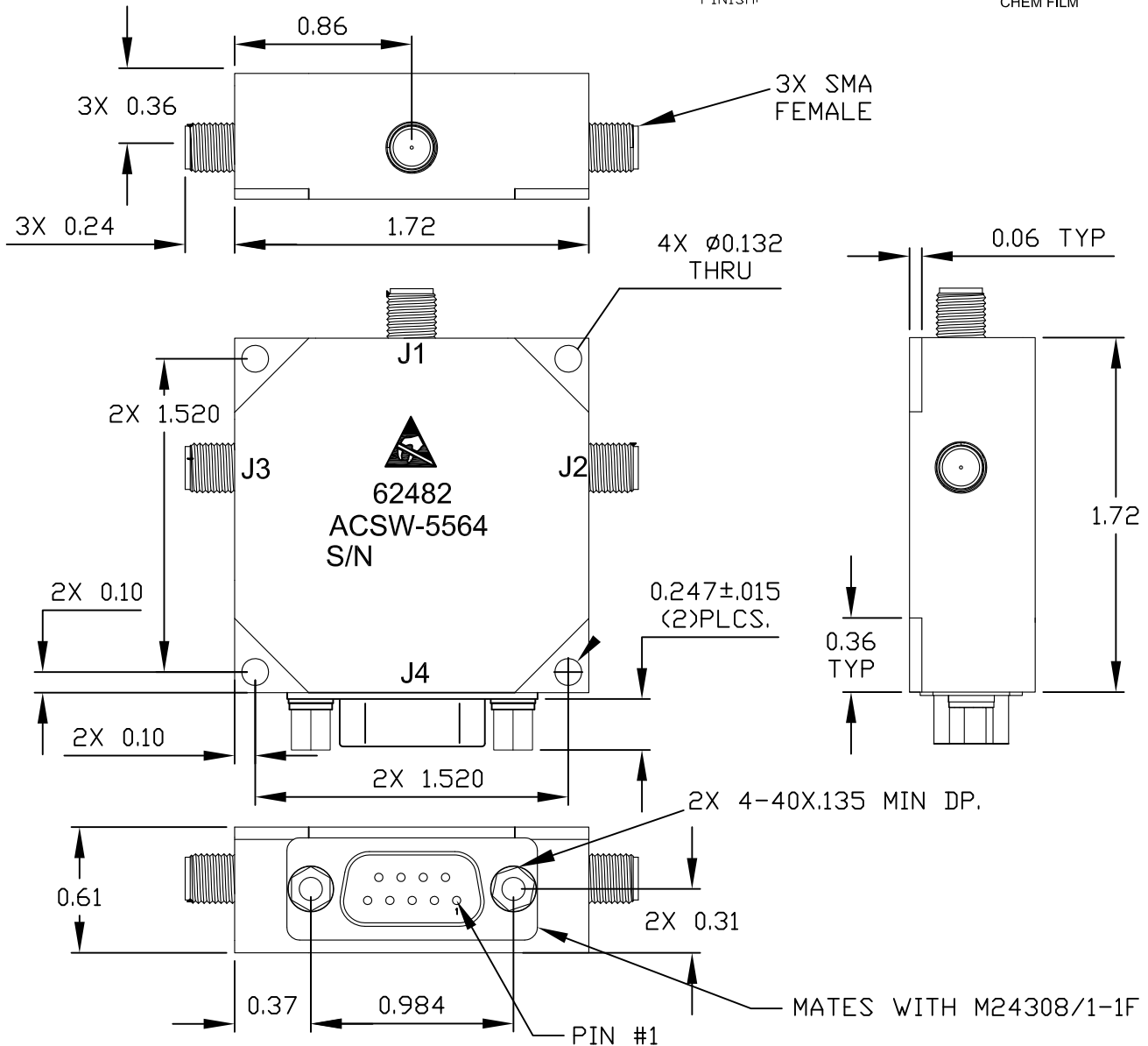
PRODUCT SPECIFICATION
PART NUMBER: ACSW-5564
DESCRIPTION: SWITCH, SP2T, T/R, ABSORPTIVE RX

FREQUENCY RANGE: 500-3000MHz
INSERTION LOSS: 1.50 dB MAX 1.4 TYP J1-J2 (RX MODE TTL LOW)
0.8 dB MAX .5 TYP J3-J1 (TX MODE TTL HIGH)
VSWR: 1.7:1 MAX @J2/J1 (RX MODE TTL LOW)
1.7:1 MAX @J3/J1 (TX MODE TTL HIGH)*
2:1 MAX @J2 (TX MODE TTL HIGH)
ISOLATION: 58 dB MIN J3-J2 (TX MODE TTL HIGH)
20 dB MIN J3-J1 (RX MODE TTL LOW)
SWITCHING SPEED: 10usec MAX (50%TTL-90/10%RF)
CONTROL: TTL 0 = RX INSERTION LOSS (J1-J2)
TTL 1 = TX INSERTION LOSS (J3-J1)
RATED RF POWER, J3 to J1 100W OPERATING (J3-J1) COLD SWITCHING
DC BIAS: +5V @ 100 mA MAX.
-100VDC+/-1VDC @10Ma MAX
VIDEO LEAKAGE J1&J2 1.5V P-P MAX (1K OHM LOAD)
J3 10V P-P MAX (1K OHM LOAD)

REV.	DESCRIPTION	DATE	APP'D
A	INITIAL RELEASE	2/23/09	MB
B	UPDATED	2/23/09	MB
C	UPDATED	3/31/10	MB

* No damage driving 3.0:1 VSWR at any phase angle at rated power .

TEMP. RANGE:
(OPERATING): -20° C TO +70° C
(STORAGE): -55° C TO +85° C
RF CONNECTORS: SMA FEMALE
DC AND CONTROL: 9PIN D SUB CONNECTOR
FINISH: CHEM FILM



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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: ±1/2° FRACTIONS: ±1/64
4 PLACE DECIMALS: ±.0005
3 PLACE DECIMALS: ±.005
2 PLACE DECIMALS: ±.01

DRAWN BY: MB

02/23/09

APPROVED BY: MB

02/23/09

SHEET: 1 OF 1