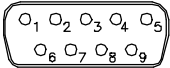


REV. A	DATE 08/04/01	INITIAL RELEASE	APPROVED
REV. B	DATE 08/06/01	CORRECTED MOUNTING HOLES	
REV. C	DATE 9/21/01	UPDATED PIN-OUT DIAGRAM. CONTROL BOX NOW SITS FLUSH W/ FRONT OF PHASESHIFTER.	
REV. D	DATE 9/24/02	UPDATED PIN-OUT TABLE	

9-PIN CONNECTOR WIRING DIAGRAM (PHASESHIFTER)

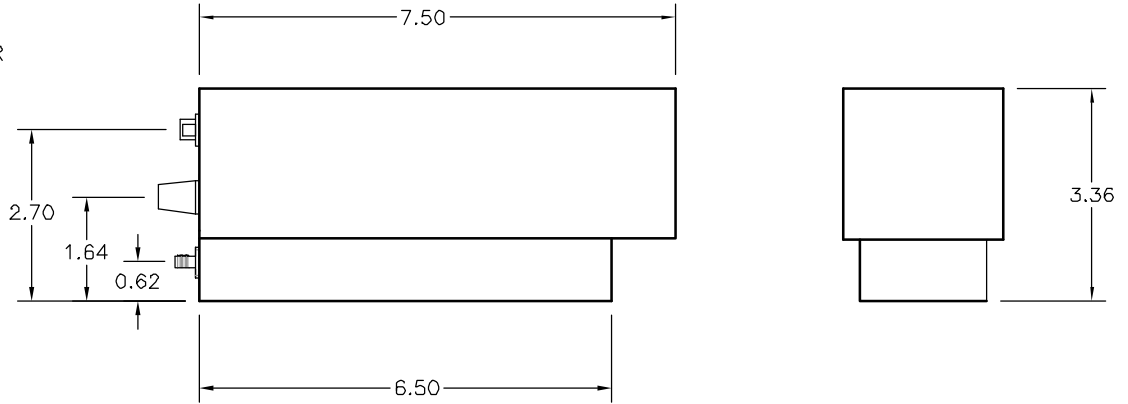
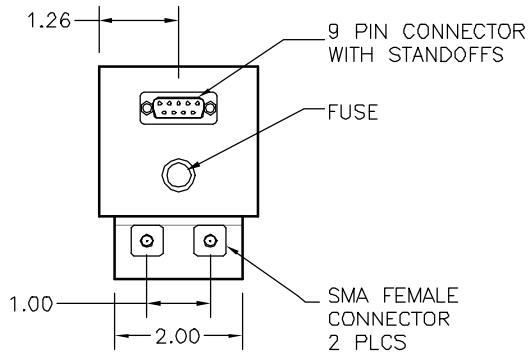
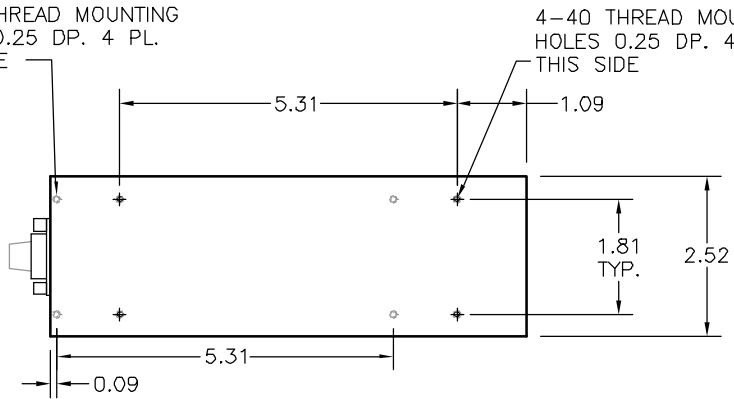
PIN#	OPERATION
2+ 7-	DECREASE PHASE
2- 7+	INCREASE PHASE
1 6	MAX. POSITION INDICATOR
3 8	MIN. POSITION INDICATOR
5	WIPER (TRACKING POT)
4 9	TRACKING POT



9-PIN D-SUB CONN. (F)

4-40 THREAD MOUNTING HOLES 0.25 DP. 4 PL. FAR SIDE

4-40 THREAD MOUNTING HOLES 0.25 DP. 4 PL. THIS SIDE



NOTES:

- 24V dC MOTOR
- 10 K ohm FOLLOWER POT (OPTIONAL)
- 2 AMP FUSE

MATERIAL	6061 ALUM.	TREATMENT	-	DRAWN	R. LYNCH	DATE	8/3/01
FINISH	ATM STD GRAY	MOD NO.	P150X-28	CHECKED		DATE	
5.5" MOTORDRIVE PHASESHIFTER - OUTLINE						APPROVED	DATE
ADVANCED TECHNICAL MATERIALS, INC. 49 RIDER AVE., PATCHOGUE N.Y. 11772 TEL: (631) 289-0386 FAX: (631) 289-0358 http://www.atmmicrowave.com				UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		FRACTIONS ±1/64 DECIMALS ±.01 ANGLES ±1/2°	SHEET. 1/1
				PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT THE PRIOR WRITTEN CONSENT OF ATM, INC.		SCALE 1 : 3	DWG. NO. 4510W
						REV. D	