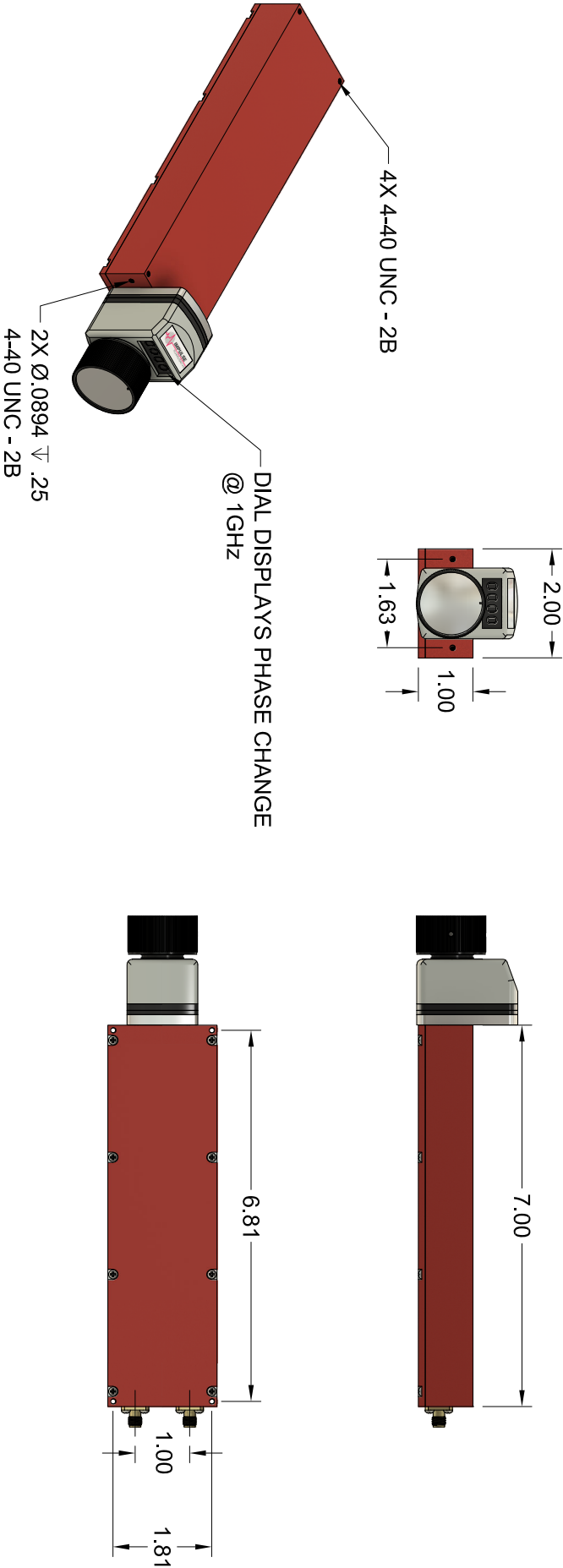


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	3/17/2025	DA

7.0" MANUAL ADJUSTABLE PHASESHIFTER W/ DIAL



90° PHASE SHIFTERS				
Model #	Freq. (GHz)	Min. Phase Adjust	I.L. (dB max.)	VSWR max
P70003D-ITI	DC-2.3	0-90°/GHz	0.5	1.3
P70004D-ITI	DC-4.3	0-90°/GHz	0.5	1.3
P70005D-ITI	DC-8.2	0-90°/GHz	0.6	1.4
P70006D-ITI	DC-12.7	0-90°/GHz	0.7	1.5
P70007D-ITI	DC-18.6	0-90°/GHz	1.0	1.6
P70008D-ITI	DC-26.5	0-90°/GHz	1.7	2.0

General Specifications			
Electrical		Mechanical	
RF Power: 100W avg., 3kW peak		Size: 7.0" x 2.0" x 1.0"	
RF Connectors: SMA F		Body: Aluminum	
Min. Adj. Phase Shift: 0 to 90°/GHz		Control: ¼" dia. multi-turn shaft	
Insertion Phase @ 1GHz:		Finish: Urethane Paint Finish, Color Red	

THIRD ANGLE PROJECTION:			
UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES, TOLERANCES ARE:		APPROVALS	DATE
FRACTIONS: 1/64 ANGLES: 1/2° MACHINED FINISH: 63 OR BETTER		DRAWN Dik Aubrain	3/17/25
DECIMALS		CHKD.	
		APRVD.	
		MATERIAL	
2 PLACE	3 PLACE	TREATMENT	
±.01	±.003	FINISH	



IMPULSE
TECHNOLOGIES INC.

THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND DISCLOSED WITHOUT THE PRIOR WRITTEN CONSENT OF IMPULSE TECHNOLOGIES INC.

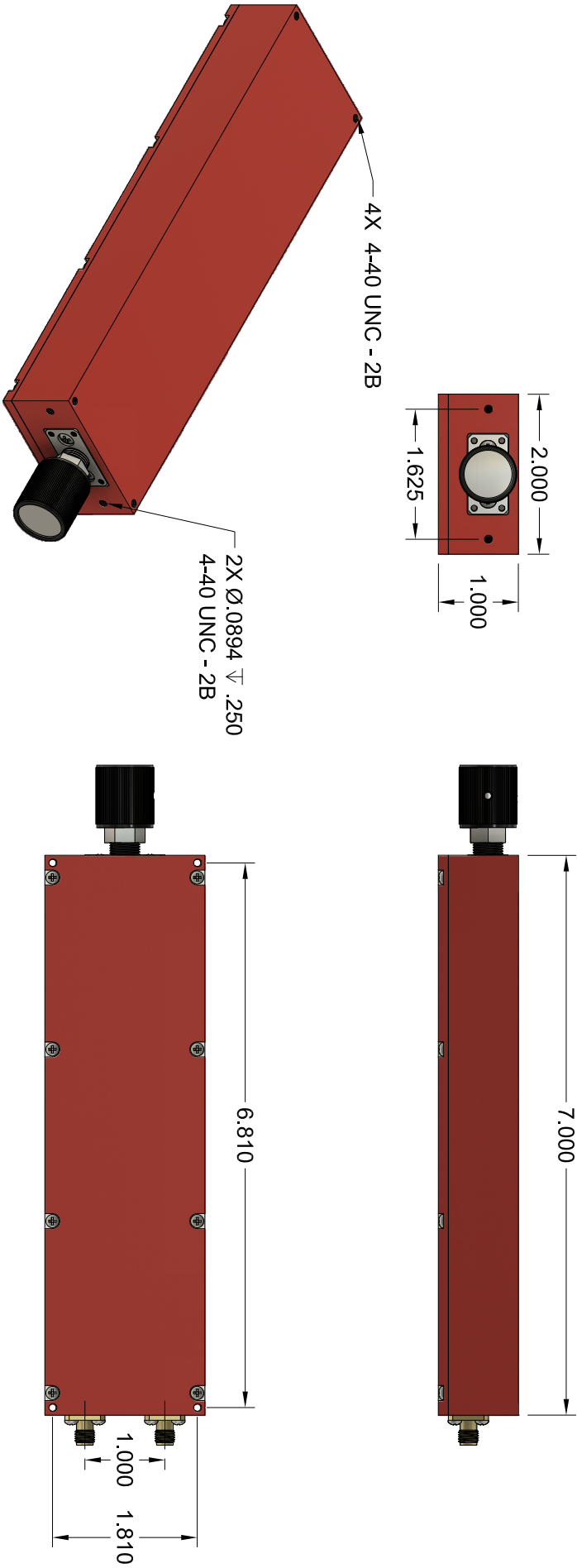
DRAWING			
7.0 PHASE SHIFTER, DIAL, OUTLINE			
SIZE	CAGE CODE	IT DRAWING#	REVISION
6CDA9			A
SCALE		OTL7.0PHSD-ITI	SHEET
1:4		MODEL#	1/1
		SEE TABLE	



THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF IMPULSE TECHNOLOGIES INC.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	3/17/2025	DA

7.0" MANUAL ADJUSTABLE PHASESHIFTER



90° PHASE SHIFTERS				
Model #	Freq. (GHz)	Min. Phase Adjust	I.L. (dB max.)	VSWR max
P70003-ITI	DC-2.3	0-90°/GHz	0.5	1.3
P70004-ITI	DC-4.3	0-90°/GHz	0.5	1.3
P70005-ITI	DC-8.2	0-90°/GHz	0.6	1.4
P70006-ITI	DC-12.7	0-90°/GHz	0.7	1.5
P70007-ITI	DC-18.6	0-90°/GHz	1.0	1.6
P70008-ITI	DC-26.5	0-90°/GHz	1.7	2.0

General Specifications			
Electrical		Mechanical	
RF Power: 100W avg., 3kW peak		Size: 7.0" x 2.0" x 1.0"	
RF Connectors: SMA F		Body: Aluminum	
Min. Adj. Phase Shift: 0 to 90°/GHz		Control: ¼" dia. multi-turn shaft	
Insertion Phase @ 1GHz:		Finish: Urethane Paint Finish, Color Red	
THIRD ANGLE PROJECTION:		APPROVALS	
UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		DRAWN	DATE
FRACTIONS: 1/64 ANGLES: 1/2°		Dtk Aubram	3/17/25
MACHINED FINISH: 63 OR BETTER		CHECKD.	
APRVD.			
MATERIAL			
DECIMALS		TREATMENT	
2 PLACE	3 PLACE	FINISH	
±.01	±.003		
THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF IMPULSE TECHNOLOGIES INC. DRAWING 7.0 PHASE SHIFTER, STANDARD, OUTLINE REVISION			
SIZE		DRAWING#	
6CDA9		OTL7.0PHS-ITI	
SCALE		MODEL#	
1:2		SEE TABLE	
		SHEET	
		1/1	