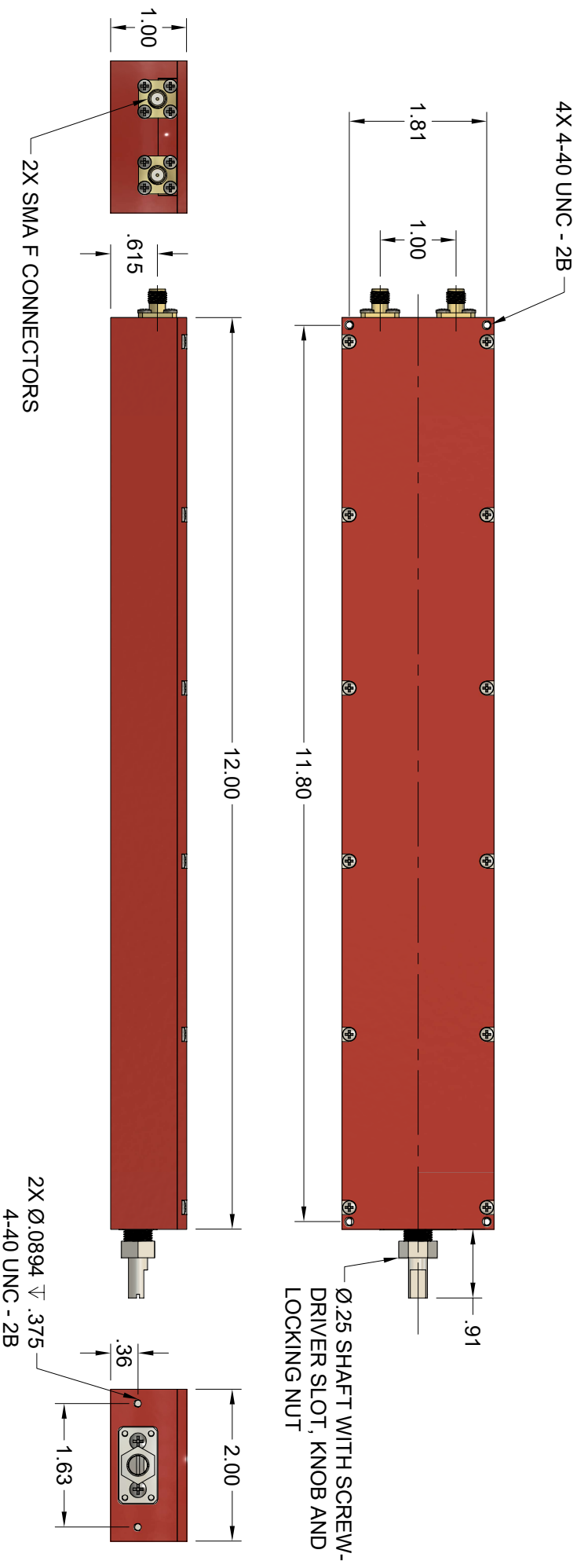


REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	8/29/2024	DA



MANUAL ADJUST 180° PHASE SHIFTERS				
Model #	Freq. (GHz)	Min. Phase Adjust	I.L. (dB max.)	VSWR max
P12003-ITI	DC-2.3	0-180°/GHz	0.6	1.3
P12004-ITI	DC-4.3	0-180°/GHz	0.7	1.5

General Specifications	
<b>Electrical</b>	<b>Mechanical</b>
<b>RF Power:</b> 100W avg., 3kW peak	<b>Size:</b> 12.0" x 2.0" x 1.0"
<b>RF Connectors:</b> SMA F	<b>Body:</b> Aluminum
<b>Min. Adj. Phase Shift:</b> 0 to 180°/GHz	<b>Control:</b> 1/4" dia. multi-turn shaft
<b>Insertion Phase @ 1GHz:</b> 760° (min. setting)	<b>Finish:</b> Urethane Paint Finish, Color Red

THIRD ANGLE PROJECTION:		APPROVALS		DATE	
UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		DRAWN	Dirk Aubram	8/29/24	
FRACTIONS: ±1/64 ANGLES: ±1/2° MACHINED FINISH: 63 OR BETTER		CHKD.			
		APRVD.			
		MATERIAL			
		TREATMENT			
		FINISH			
DECIMALS		2 PLACE		3 PLACE	
±.01		±.003		±.003	



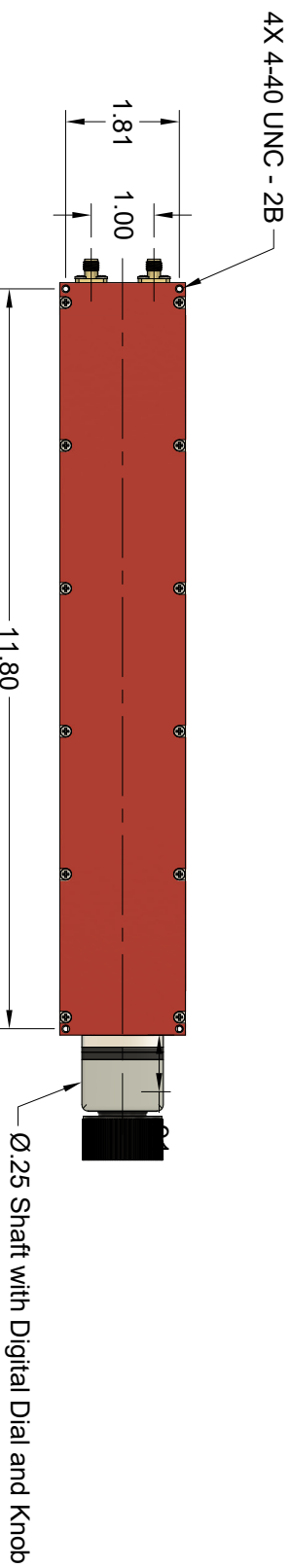
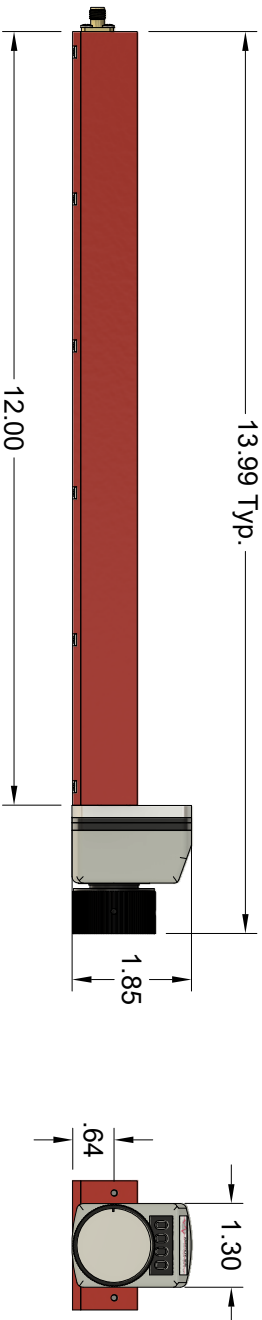
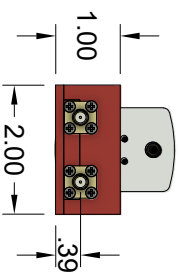
12.0 PHASESHIFTER, OUTLINE

SIZE	PACKAGE CODE/ITI DRAWING#	MODEL#	REVISION
SCALE	6CDA9	OTL12.0PHS-ITI	A
1:5			SHEET
			1/1

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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	8/29/2024	DA



**MANUAL ADJUST 180° PHASE SHIFTERS, DIG. DIAL**

Model #	Freq. (GHz)	Min. Phase Adjust	I.L. (dB max.)	VSWR max
P12003D-ITI	DC-2.3	0-180°/GHz	0.6	1.3
P12004D-ITI	DC-4.3	0-180°/GHz	0.7	1.5

General Specifications

Electrical	Mechanical
RF Power: 100W avg., 3kW peak	Size: 12.0" x 2.0" x 1.0"
RF Connectors: SMA F	Body: Aluminum
Min. Adj. Phase Shift: 0 to 180°/GHz	Control: ¼" dia. multi-turn shaft, Dig. Dial
Insertion Phase @ 1GHz: 760° (min. setting)	Finish: Urethane Paint Finish, Color Red

THIRD ANGLE PROJECTION:		APPROVALS		DATE	
UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		DRAWN	Dirk Aubram	8/29/24	
FRACTIONS: ±1/64 ANGLES: ±1/2° MACHINED FINISH: 63 OR BETTER		CHKD.			
		APRVD.			
		MATERIAL			
		TREATMENT			
		FINISH			
DECIMALS		SIZE		PACKAGE CODE/IT/DRAWING#	
2 PLACE	3 PLACE	6CDA9		OTL12.0PHS-D-ITI	
±.01	±.003	SCALE		MODEL#	
		1:3		see table	
		REVISION		SHEET	
		A		1/1	



12.0 PHASESHIFTER w/Dial, OUTLINE

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