

SPECIFICATION SHEET

JFW MODEL 50R-019

ROTARY ATTENUATOR

JFW Industries, Inc.
Phone: 317-887-1340
sales@jfwindustries.com
www.jfwindustries.com

Frequency Range DC-2200 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-10 dB in 1 dB steps

VSWR 1.2:1 maximum DC-1000 MHz
1.4:1 maximum 1000-2200 MHz

Insertion Loss 0.2 dB maximum DC-1000 MHz
0.4 dB maximum 1000-2200 MHz

Attenuation Accuracy ± 0.2 dB maximum DC-1000 MHz
± 0.4 dB maximum 1000-2200 MHz

RF Input Power 2 Watts average
1000 Watts peak (1 usec pulse)

Direction of Rotation Attenuation increases in a Clockwise direction

Indexing 30 degrees with stops at Minimum and maximum

RF Connector BNC, RPT, SMA, TNC, BNC/SMA, N/SMA or TNC/SMA female

(SMA = two SMA female)
(RPT = two Reverse Polarity TNC female)
(N/SMA = one N female/one SMA female)

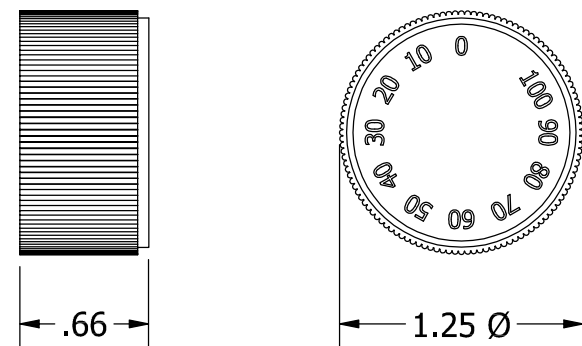
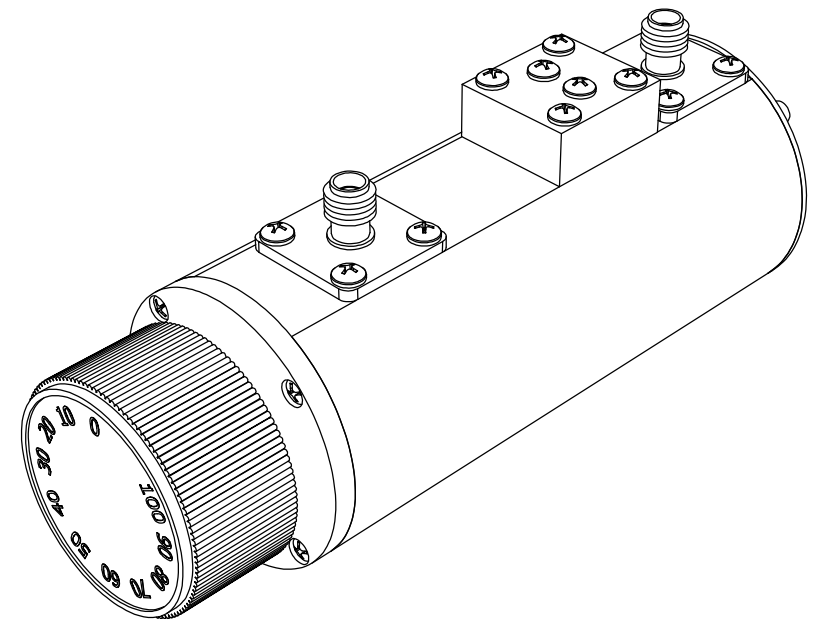
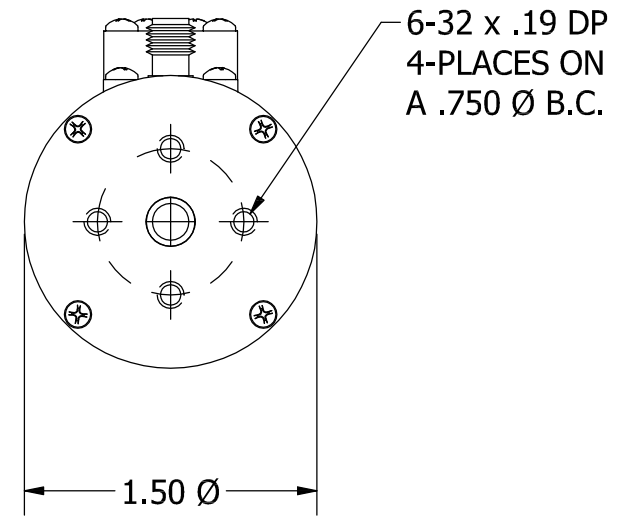
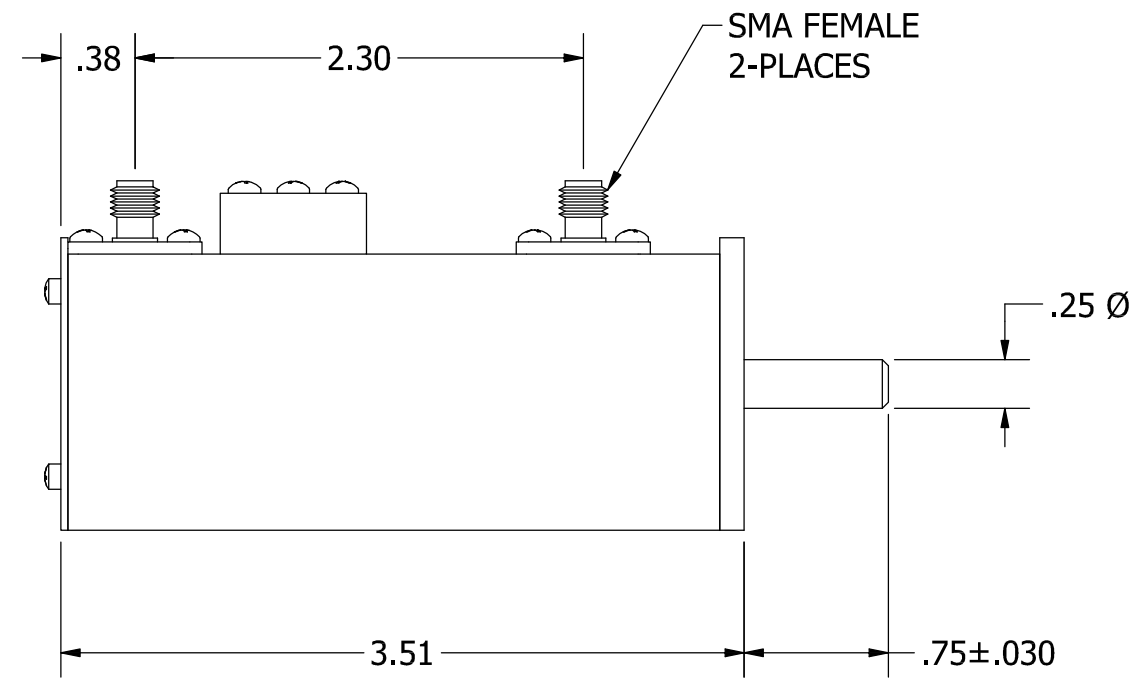
Operating Temperature Range -20°C to +85°C

Lifetime 500,000 attenuation steps

Knob/Panel Mounting Drawing 092-8435-01

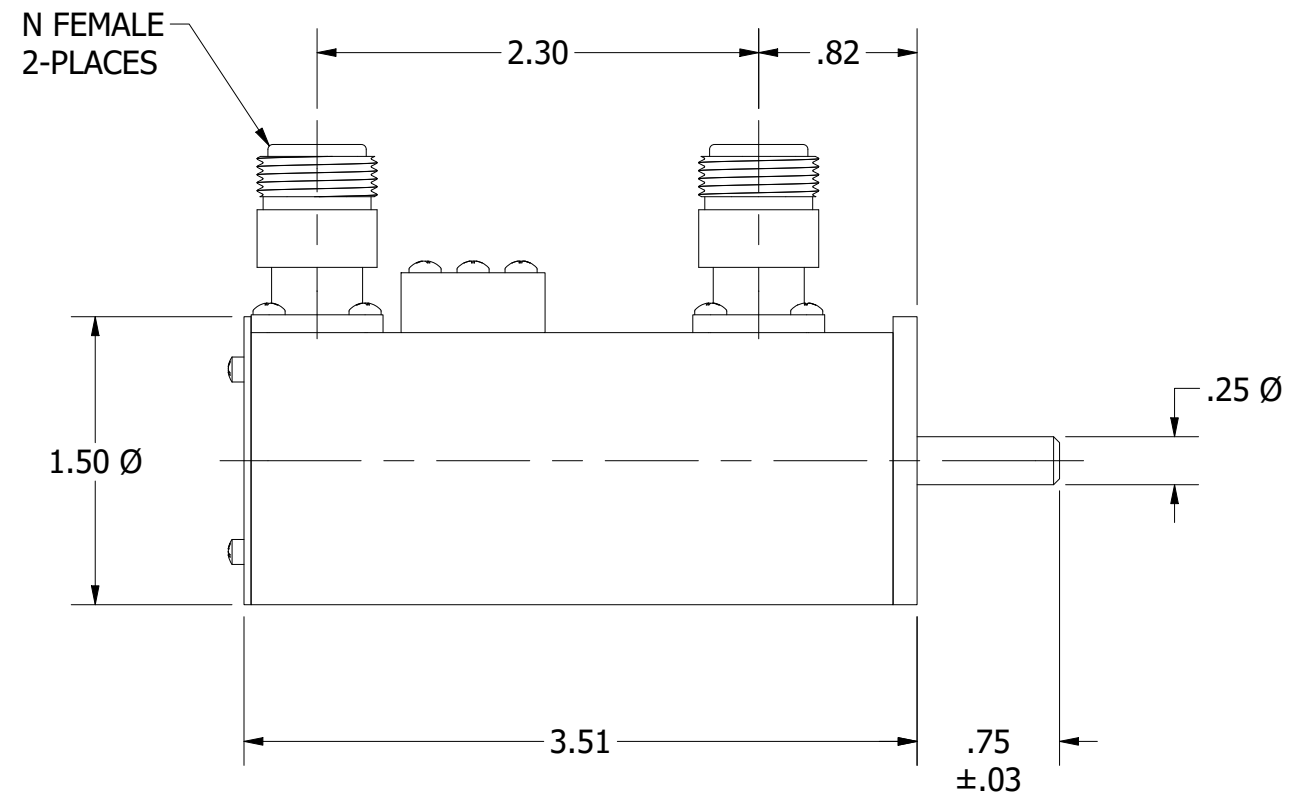
Outline Drawings 092-427 (50R-019 BNC)
092-7394 (50R-019 RPT)
092-039 (50R-019 SMA)
092-6929 (50R-019 TNC)
092-049-01 (50R-019 BNC/SMA)
092-6194 (50R-019 N/SMA)
092-049-02 (50R-019 TNC/SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
17378	07/02/2009	C	TRS 07/02/2009	22960	06/24/2013	F	TRS 06/24/2013
18056	01/06/2010	D	TRS 01/06/2010	25776	09/28/2015	G	TRS 09/28/2015
21678	06/25/2012	E	TRS 06/25/2012	28157	10/05/2017	H	TRS 10/05/2017

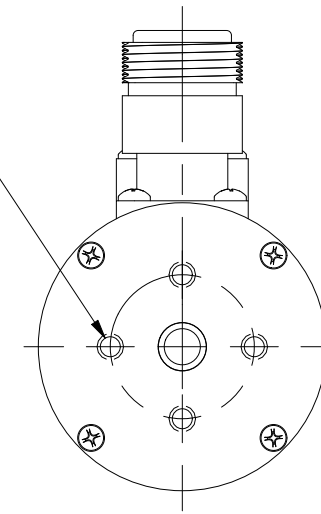


KNOB DETAIL

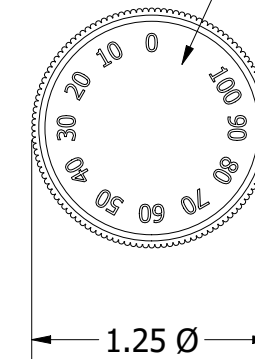
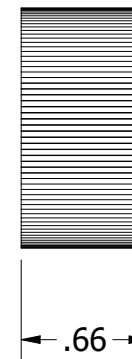
REV	ECN	DATE	BY	APPR		
-	ISSUED	2-10-95	CDJ	FDW		
A	4581	3-1-95	TEZ	FDW		
B	4983	5-21-96	TEZ	FDW		
C	6532	12-11-00	CDJ	TEZ		
D	6750	6-11-01	CDJ	TEZ		
E	12635	4-20-06	ETW	TEZ		
F	24444	9-11-15	JZ	TEZ		
					JFW INDUSTRIES, INC.	
					<i>www.jfwindustries.com</i> PH: 317-887-1340	
					MATERIAL	ALUMINUM ALLOY
					FINISH	CHEMFILM TCP
					MODEL	50R-XXX
					SCALE	FULL
					DESCRIPTION	0-100 dB ROTARY ATTEN.
						PROPRIETARY INFORMATION
						ALL SURFACES ARE TO BE FREE OF BURRS, PITS & SCRATCHES
						TOLERANCES .XX±.010 .XXX±.005 XX°±.5°
						DWG # 092-2275



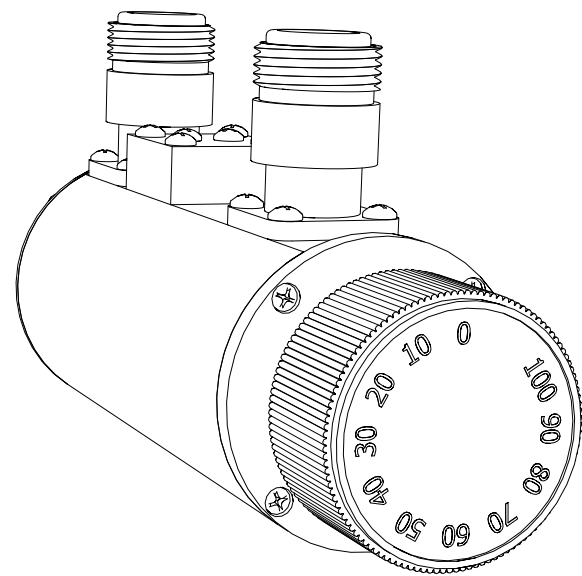
6-32 x .19 DP
4-PLACES ON
A .750 Ø B.C.




KNOB MARKED PER UNIT
0-100 dB x 10 dB SHOWN

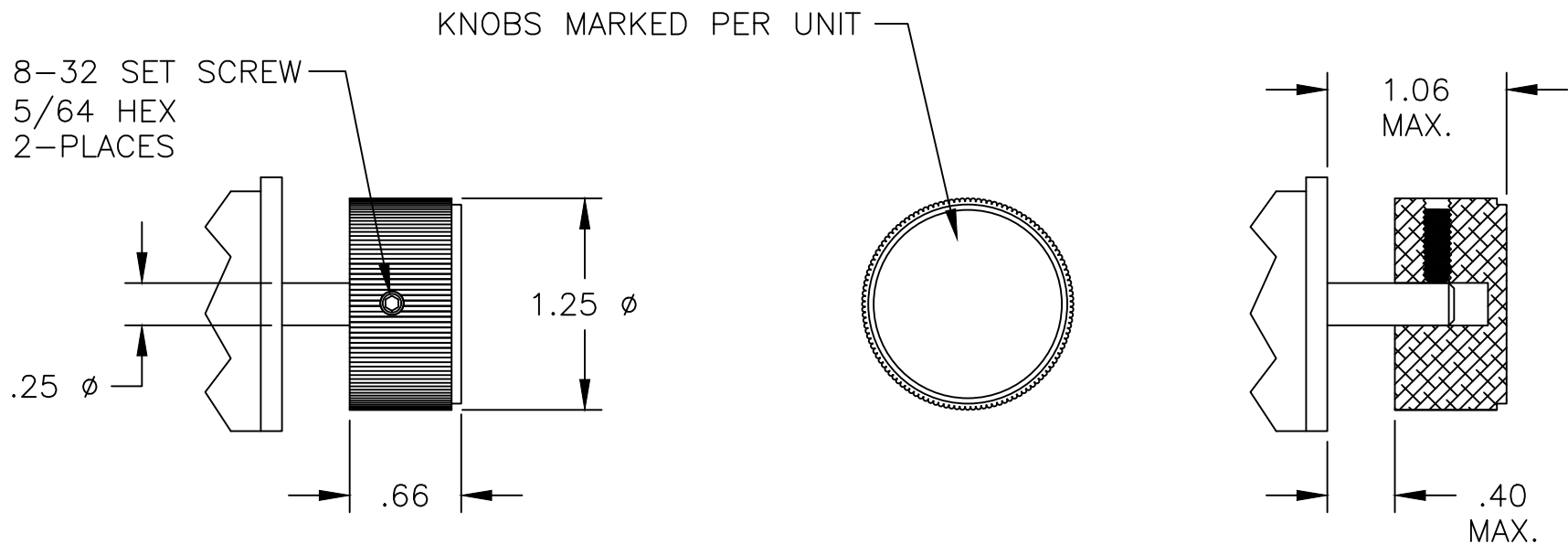


KNOB DETAIL




REV	ECN	DATE	BY	APPR
-	ISSUED	6-10-09	BZ	TRS
A	24444	9-17-19	GM	TEZ

 JFW INDUSTRIES, INC. www.jfwindustries.com		PH: 317-887-1340	
		MATERIAL	ALUMINUM ALLOY
FINISH	CHEMFILM TCP	ALL SURFACES ARE TO BE FREE OF BURRS, PITS & SCRATCHES	
MODEL	50R-XXX	SCALE	FULL
DESCRIPTION	ROTARY ATTENUATOR	TOLERANCES .XX±.010 .XXX±.005 XX°±.5°	
		DWG # 092-6200-03	



NOTE: PANEL THICKNESS IN ADDITION TO SCREW HEAD MUST NOT EXCEED .40 MAX.

REV	ECN	DATE	BY	APPR	 JFW INDUSTRIES, INC. www.jfwindustries.com PH: 317-887-1340	
-	ISSUED	9-24-15	JZ	TEZ	MATERIAL PLASTIC / ALUMINUM INLAY FINISH BLACK / CLEAR MODEL 132-001 DESCRIPTION ROTOR KNOB MOUNTING	
A	30055	12-10-19	JZ	TEZ		
					SCALE	FULL
					PROPRIETARY INFORMATION ALL SURFACES ARE TO BE FREE OF BURRS, PITS, & SCRATCHES TOLERANCES .XX±.010 .XXX±.005 XX±.5' DWG # 092-8435-01	