

SPECIFICATION SHEET

JFW MODEL 75R-089

ROTARY ATTENUATOR

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

Frequency Range DC-2200 MHz

Impedance 75 Ohms nominal

Attenuation Range 0-60 dB in 10 dB steps

VSWR 1.4:1 maximum DC-1000 MHz
1.6:1 maximum 1000-2200 MHz

Insertion Loss 0.5 dB maximum

Attenuation Accuracy ± 0.5 dB or 3%
(whichever is greater)

RF Input Power 1 Watt average
1000 Watts peak

Direction of Rotation Attenuation increases in a Counter-
Clockwise direction

Indexing 30 degrees with stops at minimum and
maximum

RF Connector BNC, F or N female

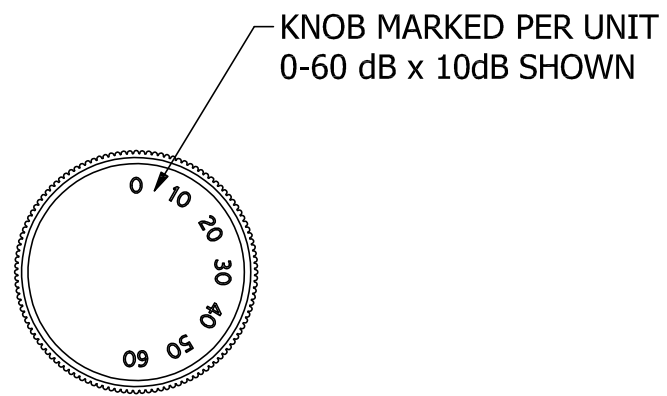
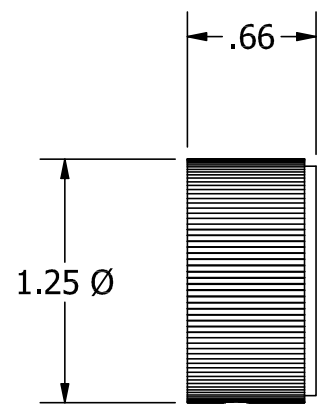
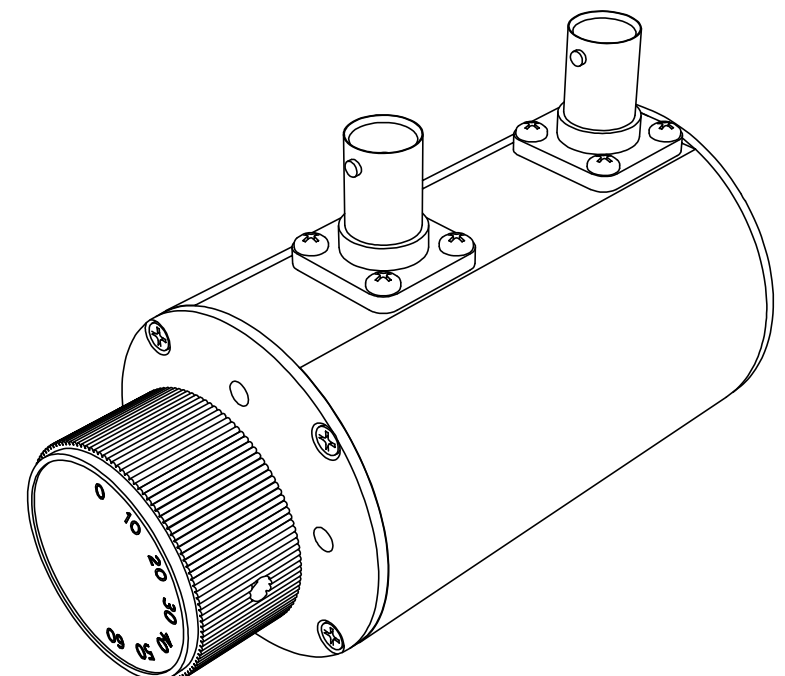
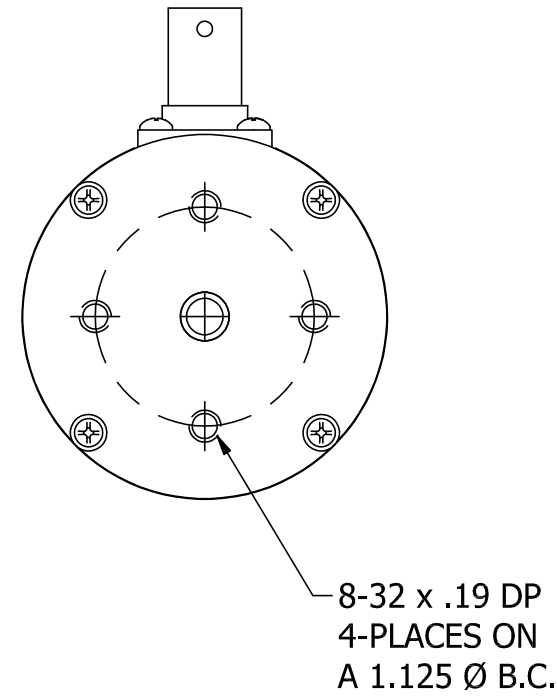
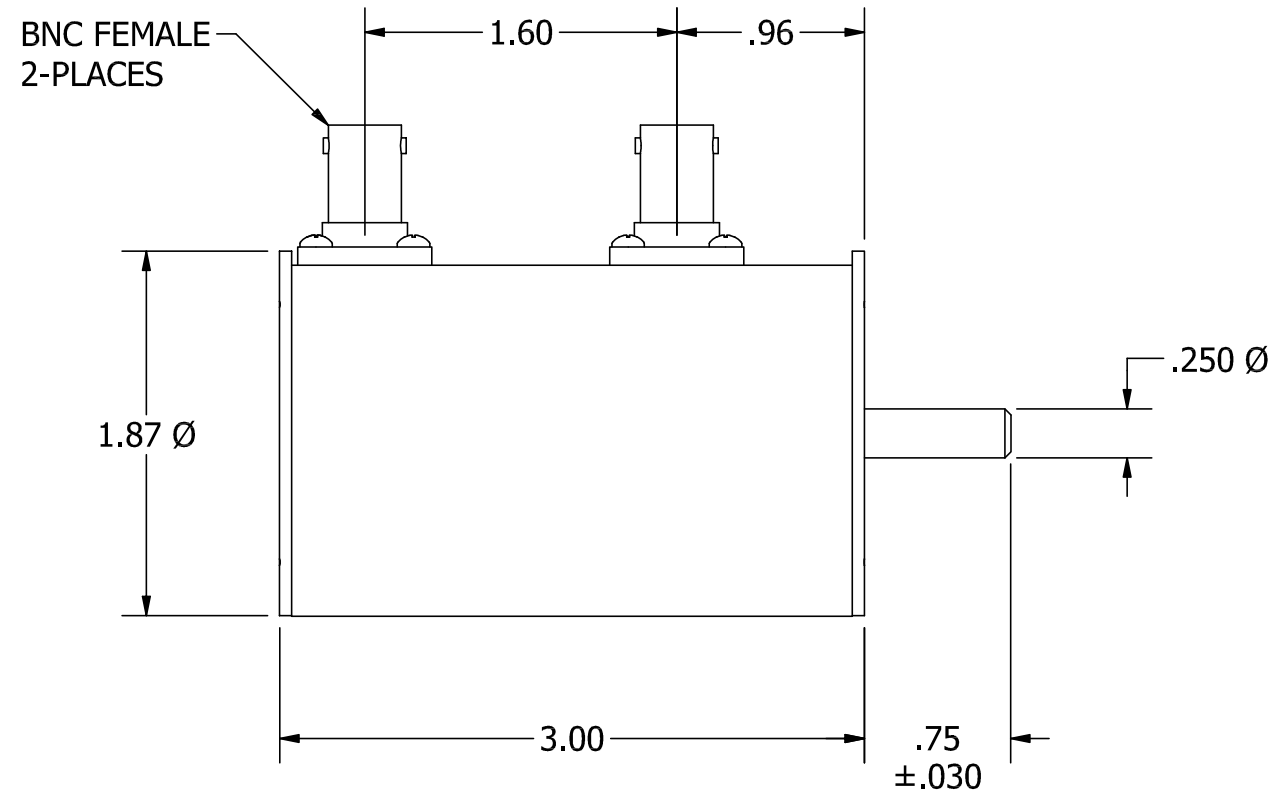
Operating Temperature Range -20°C to +85°C

Lifetime 500,000 attenuation steps


Knob/Panel Mounting Drawing 092-8435-03

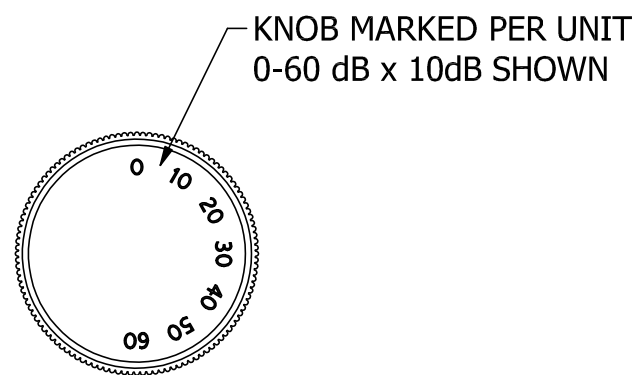
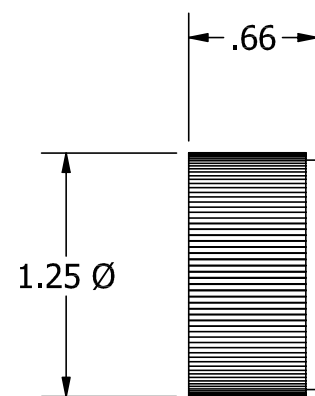
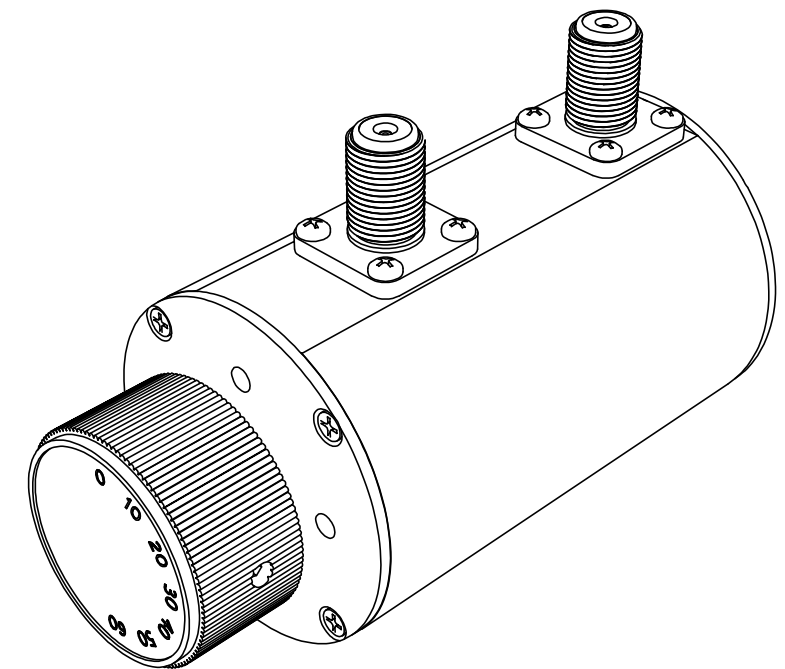
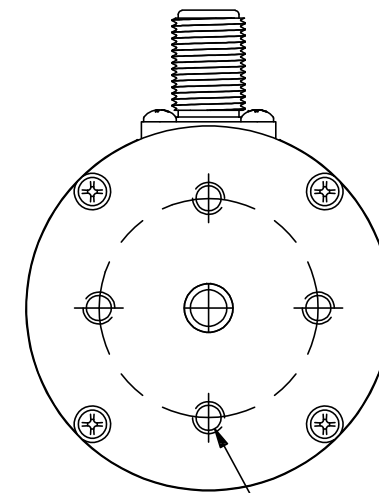
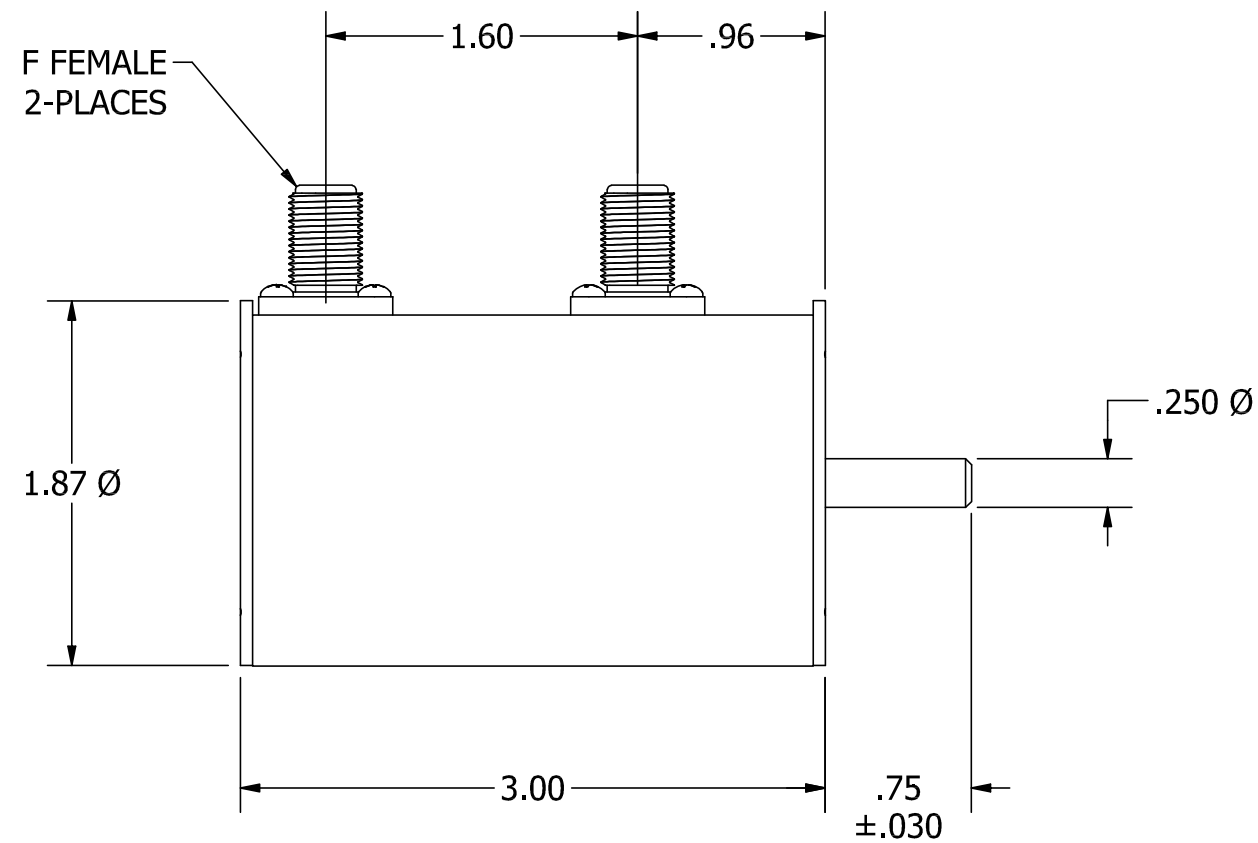
Outline Drawings 092-9538-01 (75R-089 BNC)
092-9538-02 (75R-089 F)
092-9538-03 (75R-089 N)
092-003-03 (75R-089 F/BNC)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
9999	05/20/2003	A		25779	09/29/2015	E	TRS 09/29/2015
17378	07/02/2009	C	TRS 07/02/2009	28157	10/05/2017	F	TRS 10/05/2017
22214	12/04/2012	D	TRS 12/04/2012	30387	05/13/2020	G	TRS 05/13/2020



REV	ECN	DATE	BY	APPR
-	ISSUED	5-11-20	GM	TRS

 JFW INDUSTRIES, INC. www.jfwindustries.com PH: 317-887-1340		MATERIAL	ALUMINUM ALLOY	PROPRIETARY INFORMATION
		FINISH	CHEMFILM TCP	ALL SURFACES ARE TO BE FREE OF BURRS, PITS & SCRATCHES
MODEL	75R-XXX	SCALE	FULL	TOLERANCES .XX±.010 .XXX±.005 XX°±.5°
DESCRIPTION	ROTARY ATTENUATOR		DWG #	092-9538-01



KNOB DETAIL

REV	ECN	DATE	BY	APPR
-	ISSUED	5-11-20	GM	TRS

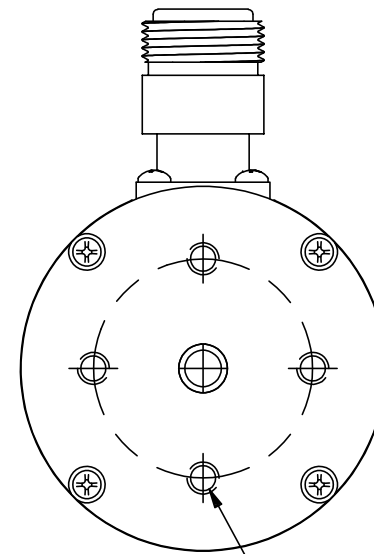
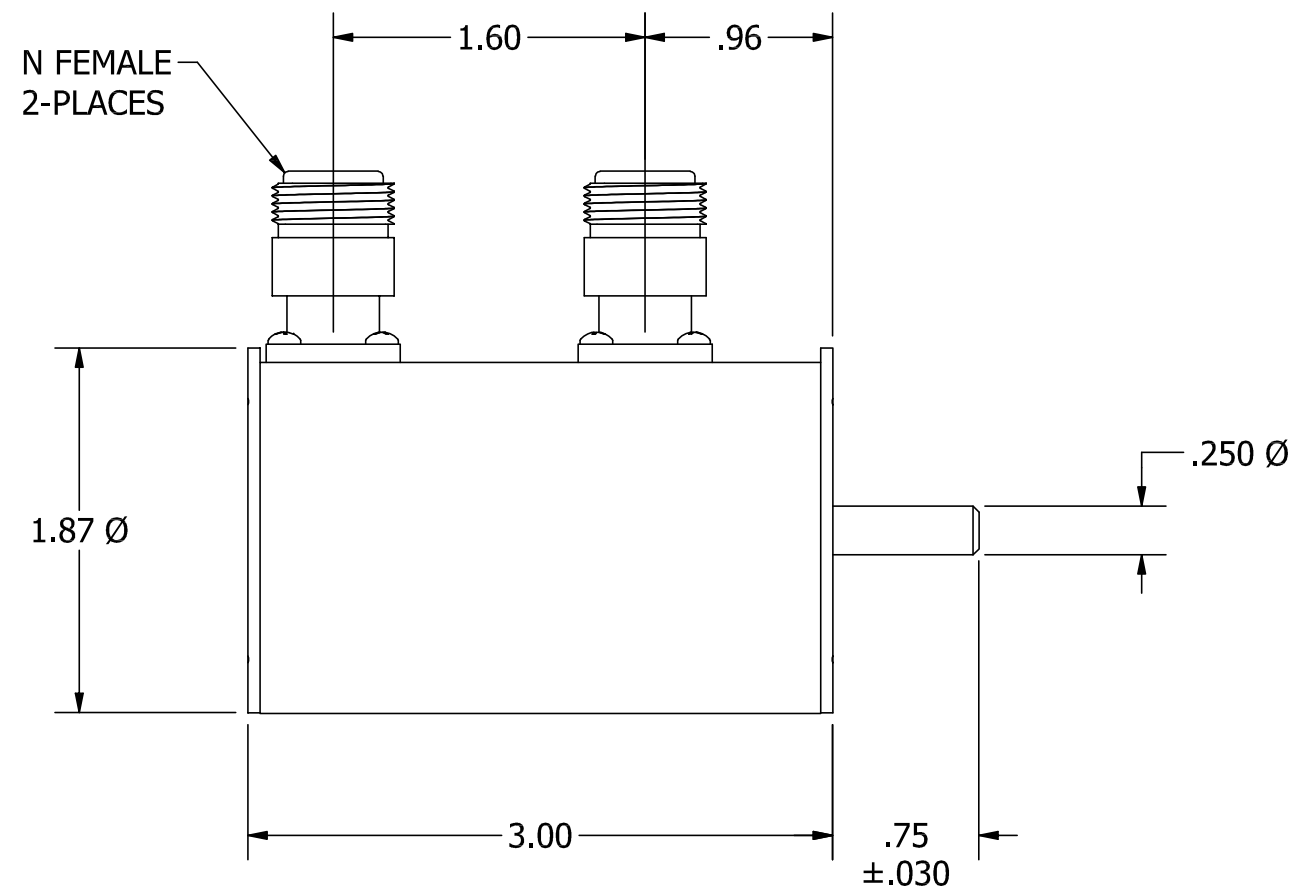


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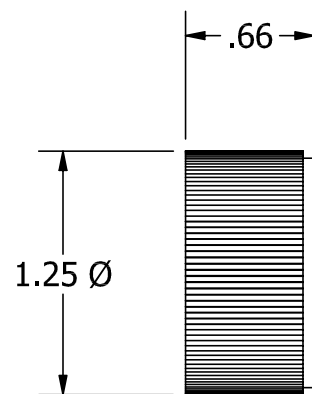
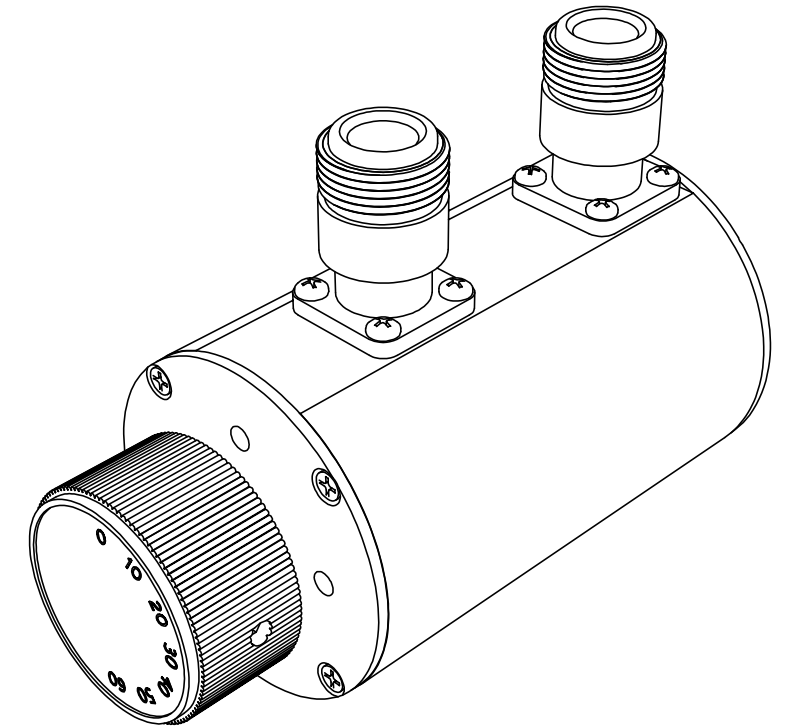
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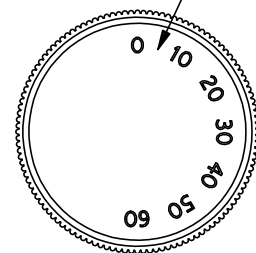
MATERIAL	ALUMINUM ALLOY	PROPRIETARY INFORMATION
FINISH	CHEMFILM TCP	ALL SURFACES ARE TO BE FREE OF BURRS, PITS & SCRATCHES
MODEL	XXR-XXX	TOLERANCES .XX±.010 .XXX±.005 XX°±.5°
DESCRIPTION	ROTARY ATTENUATOR	DWG # 092-9538-02
SCALE	FULL	



8-32 x .19 DP
4-PLACES ON A
1.125 Ø B.C.



KNOB MARKED PER UNIT
0-60 dB x 10 dB SHOWN



REV	ECN	DATE	BY	APPR
-	ISSUED	5-11-20	GM	TRS

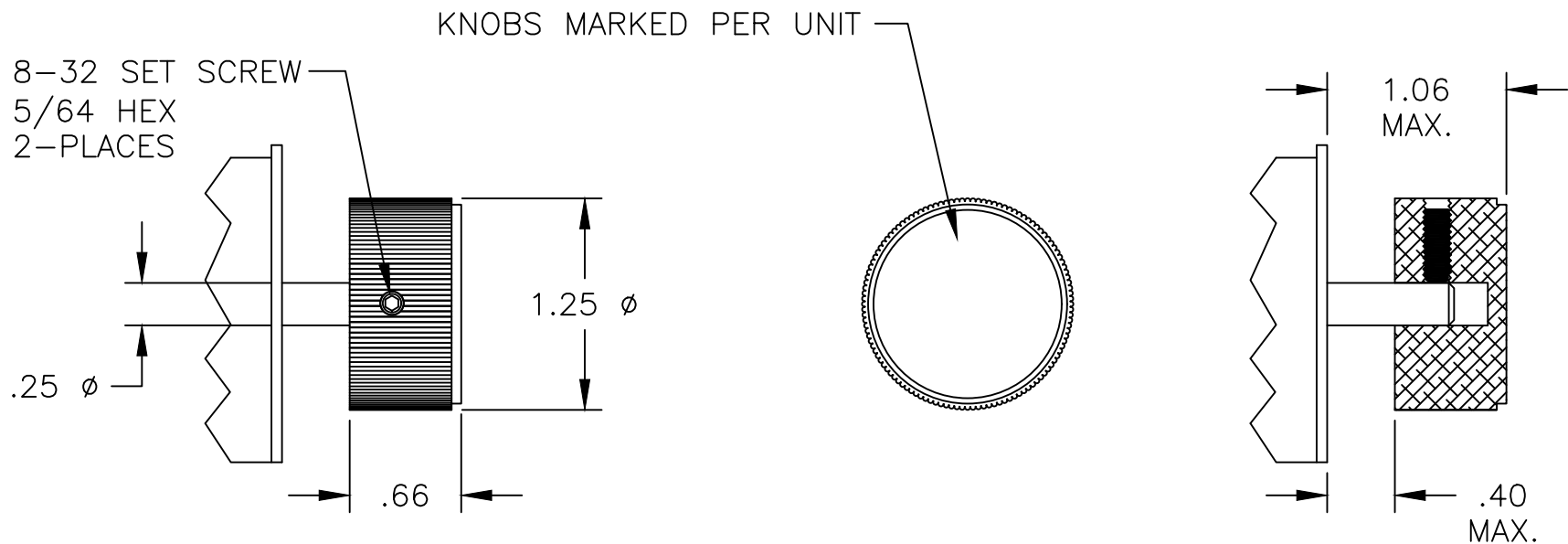


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MATERIAL	ALUMINUM ALLOY	PROPRIETARY INFORMATION
FINISH	CHEMFILM TCP	ALL SURFACES ARE TO BE FREE OF BURRS, PITS & SCRATCHES
MODEL	XXR-XXX	TOLERANCES .XX±.010 .XXX±.005 XX°±.5°
DESCRIPTION	ROTARY ATTENUATOR	DWG # 092-9538-03
SCALE	FULL	



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 # 092-8435-03	