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REVISION		
REV	DESCRIPTION	DATE
A	INITIAL RELEASE	6/10/2019

CONFIGURATION TABLE

CONFIGURATION TABLE			
FCI ASSY PART NO.	DESCRIPTION	FLOW ANALOG OUTPUT NO. 1	TEMP ANALOG OUTPUT NO. 2
026971-XX	TRANSMITTER ASSEMBLY, FLOW/TEMP SENSOR	0.5 VDC AT (TBD) AND LINEAR TO 4.5 VDC AT (TBD)	0.5 VDC AT (TBD) AND LINEAR TO 4.5 VDC AT (TBD)



REF
3D VIEW

12. ACCEPTANCE TEST PROCEDURE (ATP) PER FCI NO. TBD.

- 11 MARKING: PERMANENTLY MARK IDENTIFICATION INFORMATION, APPROX WHERE SHOWN, PER THE GUIDE LINES OF MIL-STD-130. APPROPRIATE DASH AND SERIAL NO. TO BE ASSIGNED PER JOB ORDER/CUSTOMER ORDER.**

- 10 MOUNTING INTERFACE INCLUDES NASM21209-C08-10 HELICOILS, CAPABLE OF ALLOWING A MAXIMUM FASTENER PENETRATION OF .250 INCH.**

9. SENSOR ANALOG OUTPUT 0.5 VDC TO 4.5 VDC, FLOW AND TEMP.

8. MEDIA: LIQUID OR AIR.

7. TEMPERATURE REQUIREMENTS:

TEST FLUID TEMP: -40 °F TO +350 °F

AMBIENT TEMP: -40 ° F TO +185 ° F

STORAGE TEMP: -65 °F TO +280 °F

6. TEMPERATURE ACCURACY: $\pm 2^{\circ}\text{F}$.

5. FLOW ACCURACY: $\pm 2\%$ FS, DEPENDING ON APPLICATION.

- 4 ELECTRICAL BONDING PER MIL-STD-464, 2.5 MILLIOHMS MAXIMUM, ACROSS INDIVIDUAL FAYING INTERFACES.**

3. WEIGHT: 1.20 LBS MAXIMUM.

2. MATERIAL:

300 SERIES SST, COND A PER ASTM A479/276.

PASSIVATED PER SAE-AMS-2700,
METHOD 1, TYPE 6 OR 7.

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.

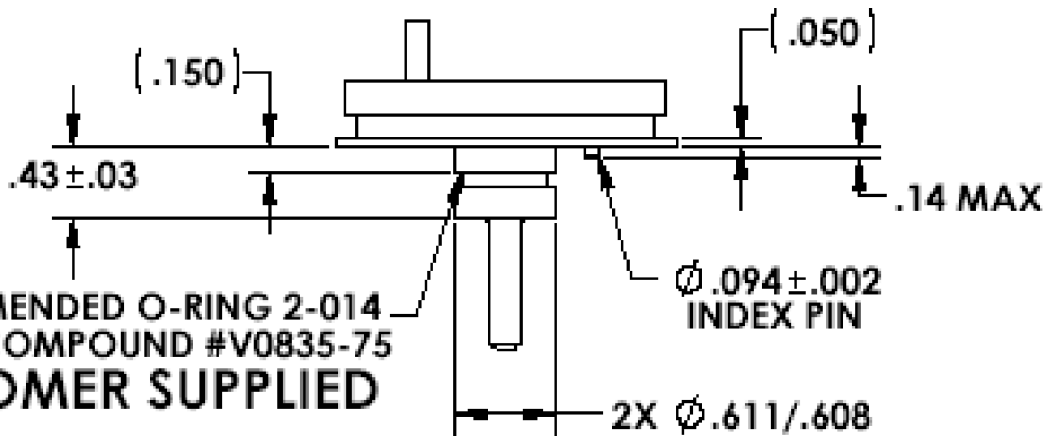
NOTES: UNLESS OTHERWISE SPECIFIED

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .X ±.1 ±1/2° .XX ±.03 .XXX ±.010	APPROVALS		APPROVALS				<			
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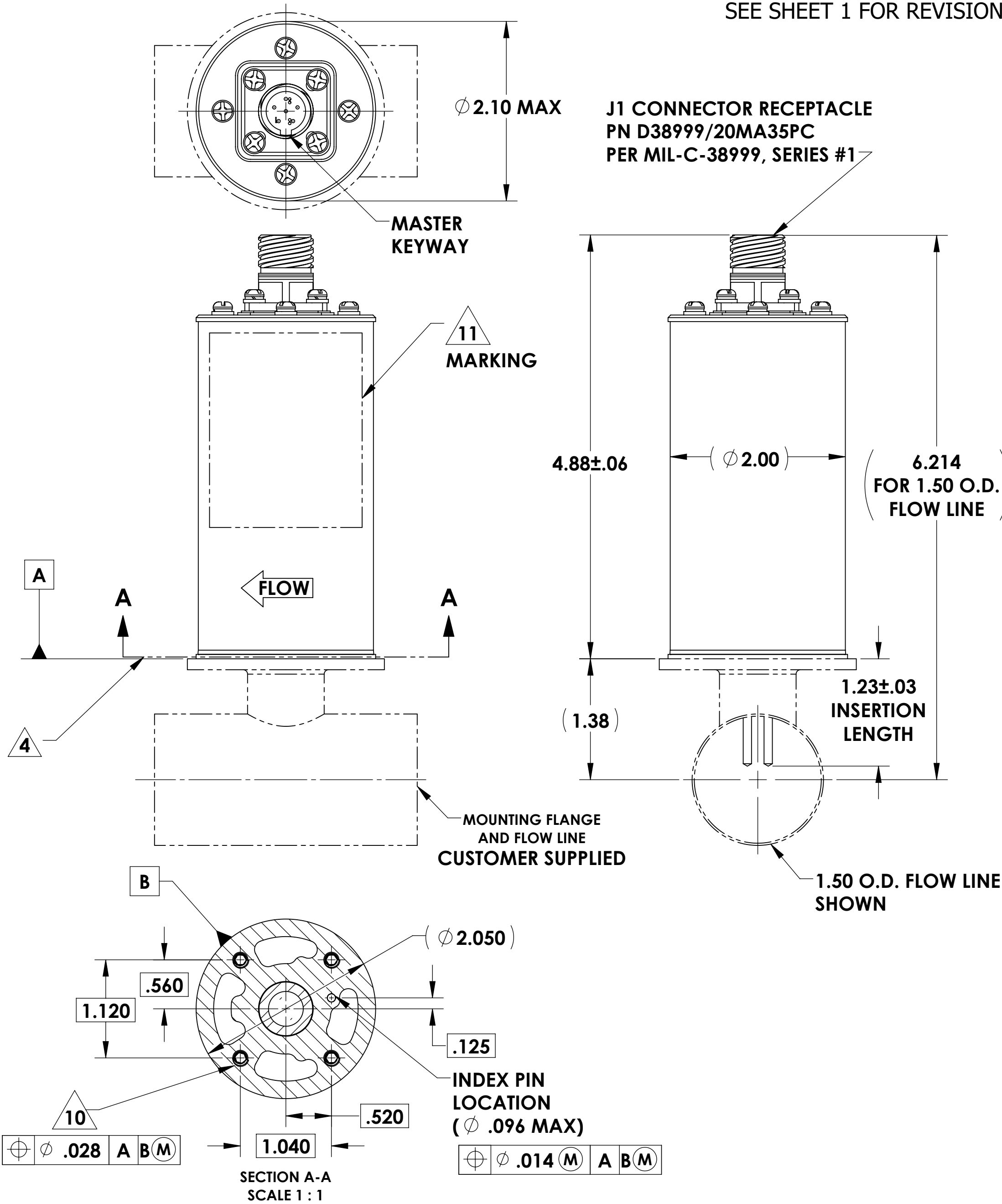
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SEE SHEET 1 FOR REVISION.



INDEX PIN
DETAIL

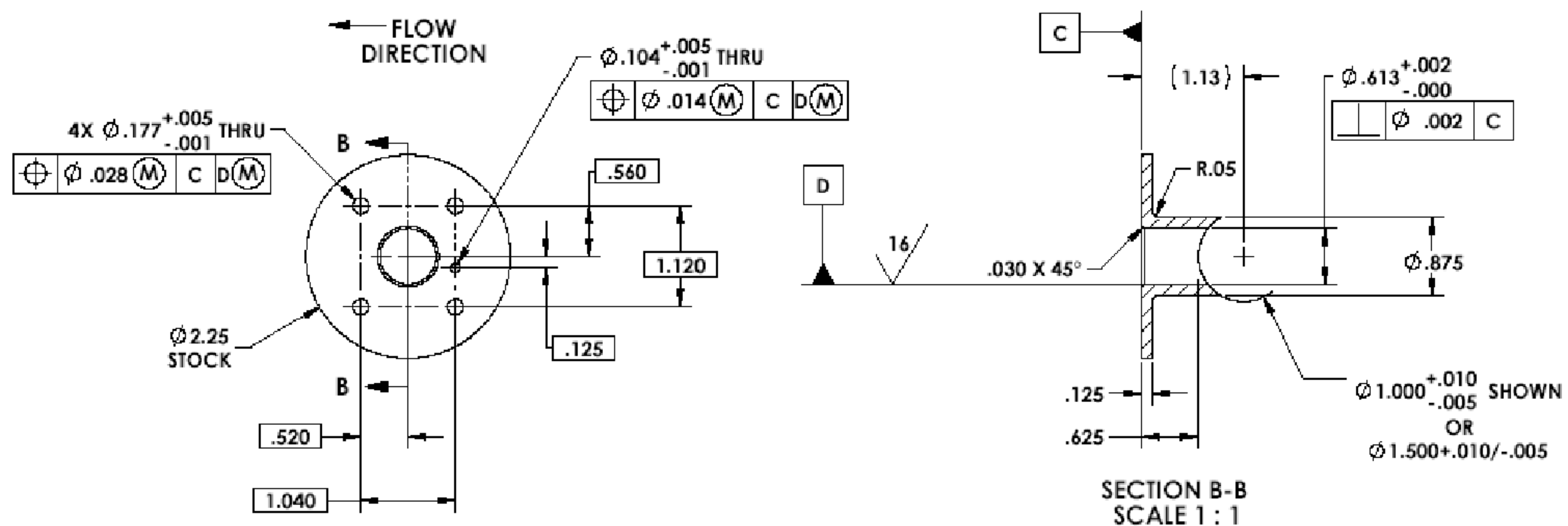
CONNECTOR PIN-OUT	
J1	
1	POWER IN (+28V)
2	POWER RETURN
3	FLOW + (0.5 TO 4.5V)
4	TEMP + (0.5 TO 4.5V)
5	CHASSIS GROUND
6	FLOW/TEMP RETURN



STANDARD AEROSPACE PRODUCT
ENVELOPE DRAWING

SEE SHEET 1 FOR NOTES.

SIZE C	CAGE CODE 64818	DWG NO. 026970	REV A
		SCALE NONE	SHEET 2 OF 3



RECOMMENDED MATING FLANGES
FOR $\varnothing 1.00$ & 1.50 OD TUBES.
CUSTOMER SUPPLIED.
SCALE 1:1

STANDARD AEROSPACE PRODUCT ENVELOPE DRAWING

SEE SHEET 1 FOR NOTES.

SIZE C	CAGE CODE 64818	DWG NO. 026970	REV A
		SCALE NONE	SHEET 3 OF 3