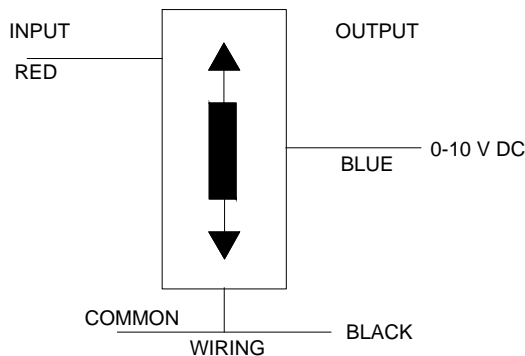
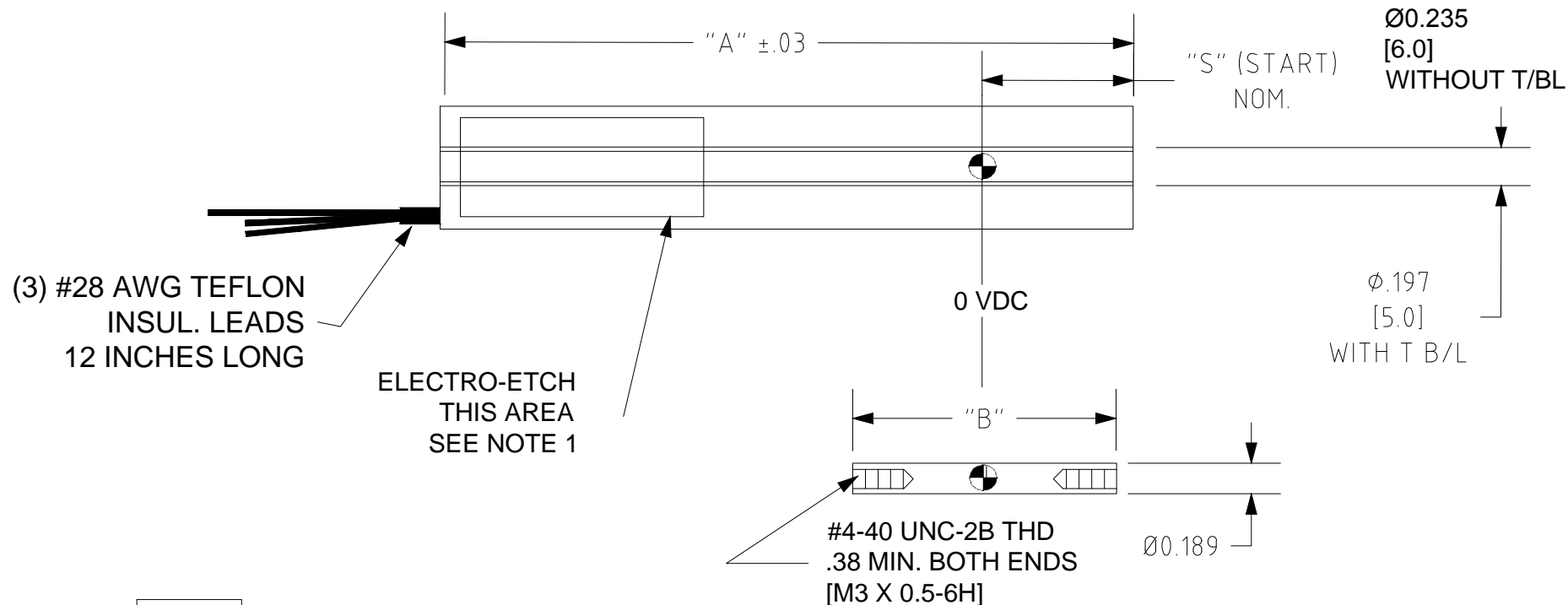


NOTES:

- ELECTRO-ETCH THE FOLLOWING:
 MACRO SENSORS
 PENNSAUKEN, N.J. 08110
 SE 750 XXXX
 SERIAL NO. XXXXXX
- SEE SHT 2 FOR PART NO. MATRIX AND SPECIFICATIONS.
- T B/L = TEFLON BORLINER

REVISIONS

REV.	DESCRIPTION	DATE:	APPR.
A	ADDED -210 SERIES ON SHT 2 PER ECN# 996, A.L.J.08/08/07	3/27/07	M.F.G.
B	REMOVE "CAUTION! DO NOT CONNECT TO PIN B", PER ECN 1079, ALJ	02/07/08	M.F.G./ALJ
C	REVISED (SHT 2) PER ECN# 1602	01-JUN-2011	DSC
D	REVISED (SHT 2) PER ECN# 1658	06-OCT-2011	DSC
E	REVISED (SHT 2) PER ECN# 1680	30-NOV-2011	DSC
F	REVISED (SHT 2) PER ECN# 1770	18-JUN-2012	DSC
G	REVISED (SHT 2) PER ECN# 1985	10-MAR-2014	DSC
H	REVISED (SHT 2) PER ECN# 1990	24-MAR-2014	DSC
J	REVISED (SHT 2) PER ECN# 2030	28-JUL-2014	
J1	REDRAWN WITH NO CHANGES	15-MAY-2020	



DENOTES CENTER OF CORE AT ELECTRICAL CENTER

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE: ANGLES: +/- 0.5 DEG. DECIMAL: XX= +/- .01 .XXX= +/- .005	DRAFTSMAN: A.L.J.	DATE: 06 JUNL 07	
	CHECKER:	DATE:	
This Drawing and Specifications are the property of Macro Sensors, Div. of Howard A. Schaevitz Technologies, Inc. DO NOT COPY without the written approval of Macro Sensors.	APPROVED: M.F.G.	DATE: 31 JUL 07	TITLE OUTLINE SE 750 SERIES
	FINISH:	APPROVED:	DATE:
APPROVED:		DATE:	C.A.G.E. No. A 06WW0 DRAWING No. 02095XXXXXXXXX
SCALE: NONE		SHEET No. 1 of 2	

REVISIONS

REV.	DESCRIPTION	DATE	APPR.
FOR REVISION, SEE SHT 1			

TABLE 1

STANDARD		TEFLON BORELINER (-010)		METRIC DISPL. / METRIC CORE (-006)		METRIC CORE + TEFLON BORLINER (-016)		-210 = <±0.10% of F.R. LINEARITY ERROR WITH TEFLON BORELINER (-210)		LTR DIMENSIONS FROM SHT 1		
DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	BODY DIM "A"	DIM "S" (START) NOM.	CORE DIM "B"
SE 750 100	0203 5000 0000	SE 750 100-010	0203 5000 0010	SE 750 100-006	0203 5000 0006	SE 750 100-016	0203 5000 0016	SEE OUTLINE DWG # 0209 5000 0200		2.90 [73.66]	.58 [14.61]	0.800 [20.3]
SE 750 250	0203 5010 0000	SE 750 250-010	0203 5010 0010	SE 750 250-006	0203 5010 0006	SE 750 250-016	0203 5010 0016	SEE OUTLINE DWG # 0209 5010 0200		3.48 [88.39]	1.01 [25.65]	1.250 [31.8]
SE 750 500	0203 5020 0000	SE 750 500-010	0203 5020 0010	SE 750 500-006	0203 5020 0006	SE 750 500-016	0203 5020 0016	SEE OUTLINE DWG # 0209 5020 0200		4.25 [107.95]	1.07 [27.28]	1.650 [41.9]
SE 750 1000	0203 5030 0000	SE 750 1000-010	0203 5030 0010	SE 750 1000-006	0203 5030 0006	SE 750 1000-016	0203 5030 0016	SEE OUTLINE DWG # 0209 5030 0200		6.75 [171.45]	2.07 [52.58]	3.450 [87.6]
SE 750 2000	0203 5040 0000	SE 750 2000-010	0203 5040 0010	SE 750 2000-006	0203 5040 0006	SE 750 2000-016	0203 5040 0016	SEE OUTLINE DWG # 0209 5040 0200		8.25 [209.55]	2.32 [58.98]	3.450 [87.6]
SE 750 4000	0203 5050 0000	SE 750 4000-010	0203 5050 0010	SE 750 4000-006	0203 5050 0006	SE 750 4000-016	0203 5050 0016	SEE OUTLINE DWG # 0209 5050 0200		11.75 [298.45]	3.07 [78.0]	5.30 [134.6]
SE 750 6000	0203 5060 0000	SE 750 6000-010	0203 5060 0010	SE 750 6000-006	0203 5060 0006	SE 750 6000-016	0203 5060 0016	SE 750 6000-210	0203 5060 0210	14.50 [368.30]	3.29 [83.64]	6.20 [157.48]
SE 750 8000	0203 5070 0000	SE 750 8000-010	0203 5070 0010	SE 750 8000-006	0203 5070 0006	SE 750 8000-016	0203 5070 0016	SE 750 8000-210	0203 5070 0210	17.00 [431.80]	3.65 [92.71]	6.20 [157.48]
SE 750 10000	0203 5080 0000	SE 750 10000-010	0203 5080 0010	SE 750 10000-006	0203 5080 0006	SE 750 10000-016	0203 5080 0016	SEE OUTLINE DWG # 0209 5080 0200		19.50 [495.30]	3.94 [100.10]	6.20 [157.48]
SE 750 15000	0203 5090 0000	SE 750 15000-010	0203 5090 0010	SE 750 15000-006	0203 5090 0006	SE 750 15000-016	0203 5090 0016	SE 750 15000-210	0203 5090 0210	25.00 [635.00]	4.03 [102.36]	7.00 [177.8 +/-0.75]
SE 750 20000	0203 5100 0000	SE 750 20000-010	0203 5100 0010	SE 750 20000-006	0203 5100 0006	SE 750 20000-016	0203 5060 0016	SEE OUTLINE DWG # 0209 5100 0200		32.38 [822.45]	5.42 [137.67]	9.50 [241.3]

COMMON SPECIFICATIONS

INPUT VOLTAGE	24V DC (NOM)
INPUT VOLTAGE RANGE	14-26 VDC
INPUT CURRENT	30 mA (NOM)
STABILITY	0.125% FULL RANGE

LINEARITY ERROR	±.25% OF F.R. (MAX) (EXCEPT OPTION -210)
NOISE RIPPLE	< 5 MICRO AMPS RMS
OPERATING TEMPERATURE	0 TO 160° F
OUTPUT IMPEDANCE	<200 OHMS

SPECIFICATIONS FOR INCHES DISPLACEMENT (STD, -010)


DESCRIPTION	SE 750 100	SE 750 250	SE 750 500	SE 750 1000	SE 750 2000	SE 750 4000
ELECTRICAL STROKE	0 - .10 INCH	0 - .25 INCH	0 - .50 INCH	0 - 1.0 INCH	0 - 2.0 INCH	0 - 4.0 INCH
SCALE FACTOR INCH (NOM.)	100 VDC / INCH (NOM)	40 VDC / INCH (NOM)	20 VDC / INCH (NOM)	10 VDC / INCH (NOM)	5.0 VDC / INCH (NOM)	2.5 VDC / INCH (NOM)
DESCRIPTION	SE 750 6000	SE 750 8000	SE 750 10000	SE 750 15000	SE 750 20000	
ELECTRICAL STROKE	0 - 6.0 INCH	0 - 8.0 INCH	0 - 10.0 INCH	0 - 15.0 INCH	0 - 20.000 INCH	
SCALE FACTOR INCH (NOM.)	1.67 VDC / INCH (NOM)	1.25 VDC / INCH (NOM)	1 VDC / INCH (NOM)	.67 VDC / INCH (NOM)	.5 VDC / INCH (NOM)	

SPECIFICATIONS FOR METRIC DISPLACEMENT (-006, -016)

DESCRIPTION	SE 750 100-006	SE 750 250-006	SE 750 500-006	SE 750 1000-006	SE 750 2000-006	SE 750 4000-006
ELECTRICAL STROKE	0 - 2.5 mm	0 - 6.0 mm	0 - 12.5 mm	0 - 25 mm	0 - 50 mm	0 - 100 mm
SCALE FACTOR INCH (NOM.)	4.0 VDC / mm (NOM)	1.67 VDC / mm (NOM)	.8 VDC / mm (NOM)	.4 VDC / mm (NOM)	.2 VDC / mm (NOM)	.1 VDC / mm (NOM)
DESCRIPTION	SE 750 6000-006	SE 750 8000-006	SE 750 10000-006	SE 750 15000-006	SE 750 20000-006	
ELECTRICAL STROKE	0 - 150 mm	0 - 200 mm	0 - 250 mm	0 - 375 mm	0 - 500 mm	
SCALE FACTOR INCH (NOM.)	.067 VDC / mm (NOM)	.05 VDC / mm (NOM)	.04 VDC / mm (NOM)	.027 VDC / mm (NOM)	.02 VDC / mm (NOM)	

INSTRUCTIONS TO LOCATE UNIT MODEL FROM DESIRED STROKES:

- DETERMINE STROKE (DISPLACEMENT) NEEDED BY CUSTOMER APPLICATION UNDER SPECIFICATIONS.
- UNDER SPECIFICATIONS MOVE HORIZONTALLY ACROSS "ELECTRICAL STROKE" ROW TO FIND UNIT STROKE THAT MATCHES CUSTOMER DESIRED STROKE.
- AFTER MATCHING DESIRED STROKE, SEE HEADING OF THAT PARTICULAR SPECIFICATIONS BLOCK FOR UNIT MODEL DESCRIPTION.
- IN TABLE 1, FIND MODEL DESCRIPTION ON LEFT AND READ HORIZONTALLY ACROSS ROW FOR PART NO. AND DIMENSION INFO.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE: ANGLES: ±0.5° FRACTIONS: ±1/64 DECIMALS XX = ±.01 XXX = ±.005	DRAFTER: A.L.J.	DATE: 27 JUN 07	 <p>MACRO SENSORS™ Your sensor business partner...</p>
	CHECKER:	DATE:	
	APPROVED:	DATE:	
	APPROVED:	DATE:	
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FINISH:	APPROVED:	DATE:	
TITLE: OUTLINE SE 750 SERIES			
B	C.A.G.E. NO. 06WW0	DRAWING NO. 02095XXXXXX	
SCALE: NONE		SHEET NO: 2 OF 2	