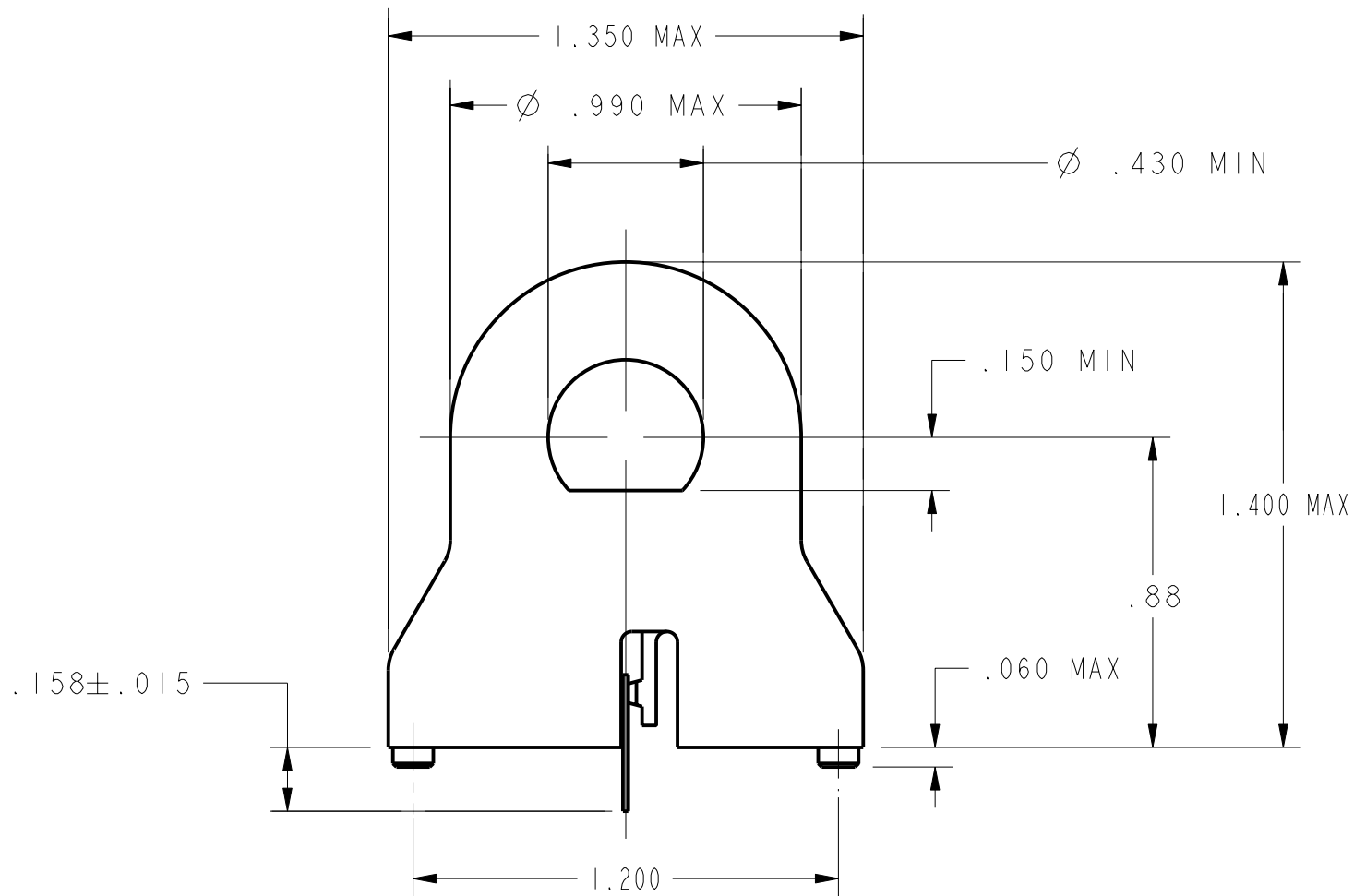
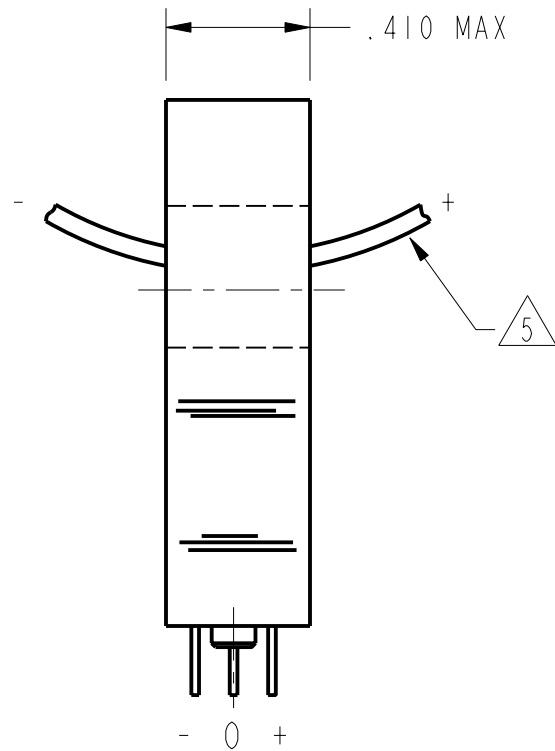
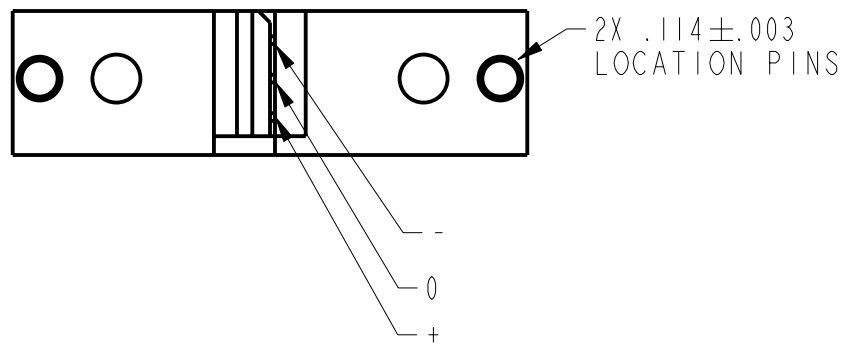
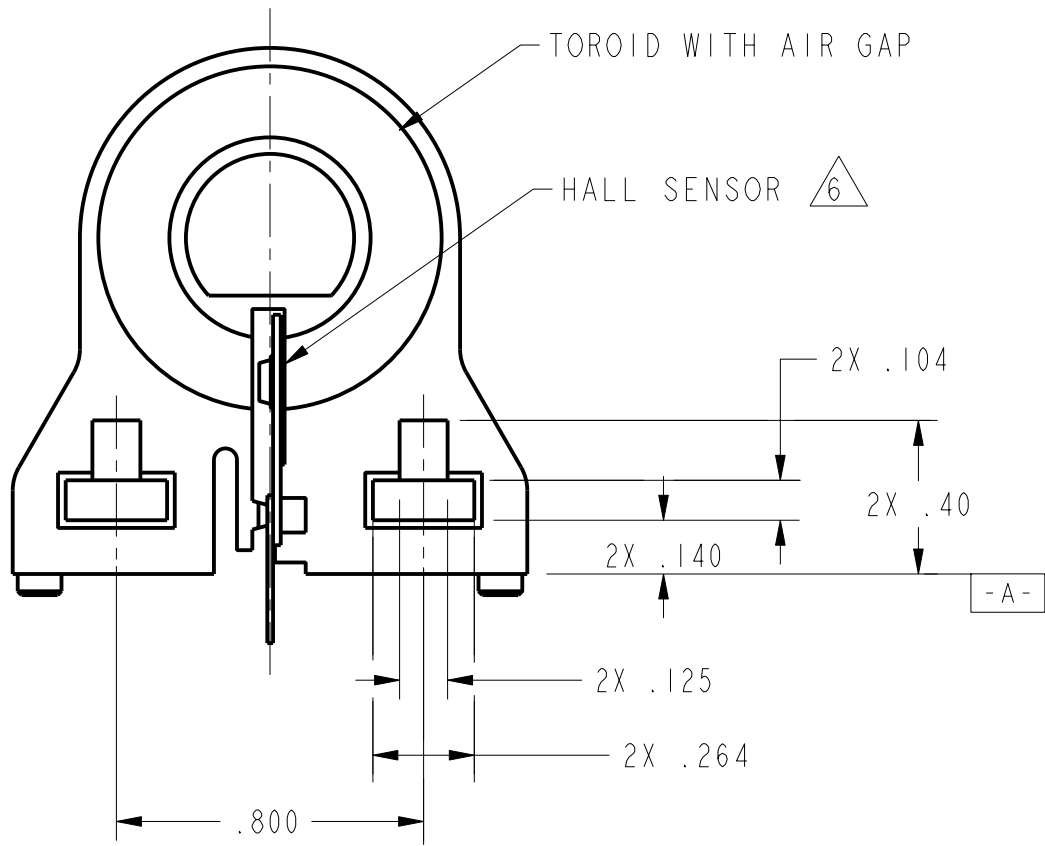


CHARACTERISTICS					
PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS/REMARKS
SUPPLY VOLTAGE	5.4	8.0	13.2	VOLTS	-25° C TO 85° C
SUPPLY CURRENT		13	20	mA	MAX @ -25° C, TYP @ 25° C, V _s = 8.0V, EXCLUDES LOAD
OUTPUT CURRENT	I			mA	SINKING OR SOURCING
OUTPUT VOLTAGE SWING	(-V)+1.25		(+V)-1.25	VOLTS	MAX CLAMPED @ 9.0 VOLTS MIN
SENSITIVITY	29.7		35.7	mV/N1	@ V _s = 8.0 VOLTS & 25° C
LINEARITY					DEV FROM STR LINE FROM -I MAX TO +I MAX
V _{out} @ Ø N1	.5(V _s)-2%		.5(V _s)+2%	VOLTS	25° C
TEMP ERROR - NULL	-.02		+.02	%/° C	-25° C TO 85° C
TEMP ERROR - GAIN	-.06		+.01	5/° C	-25° C TO 85° C



- NOTES
- 1 - SUGGESTED I MAX FOR LINEAR OPERATION IS 72 AMPS
 - 2 - RECOMMENDED MOUNTING IS 4-40 SQUARE NUT AND .375 LONG 4-40 SCREW
 - 3 - CONVENTIONAL CURRENT FLOW IN DIRECTION INDICATED WILL CAUSE AN INCREASE IN OUTPUT VOLTAGE
 - 4 - THE DEVICE CANNOT BE DAMAGED BY MAGNETIC OVERDRIVE
 - 5 - AT V_s OTHER THAN 8.0 VOLTS, SENSITIVITY = (NUMBER SHOWN) X V_s/8
 - 6 - BACKSIDE OF HALL SENSOR IS ELECTRICALLY CONNECTED TO THE "-" TERMINAL
 - 7 - SENSOR COATED WITH HUMISEAL
 - 8 - CORE TO BE VISUALLY CENTERED ABOUT SENSOR

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FED. MFG. CODE 91929

CURRENT SENSOR

CATALOG LISTING

CSLA2CDI

THIRD ANGLE PROJECTION			
SCALE 2 : 1			
DO NOT SCALE PRINT			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE			
ONE PLACE	(.0)	± .030	
TWO PLACES	(.00)	± .015	
THREE PLACES	(.000)	± .005	
ANGLES		±	
WEIGHT			