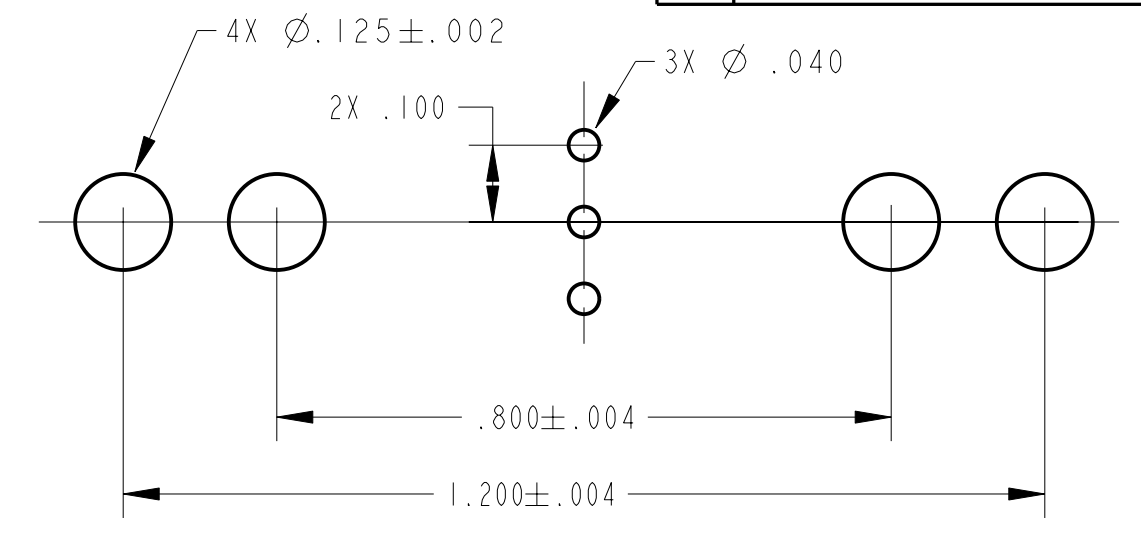


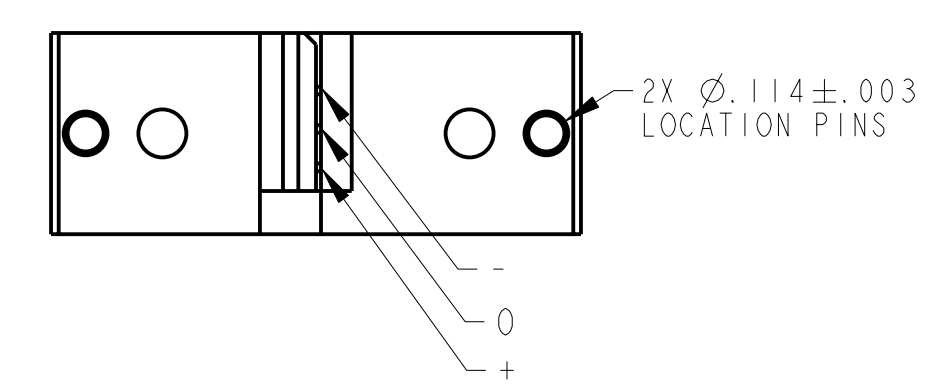
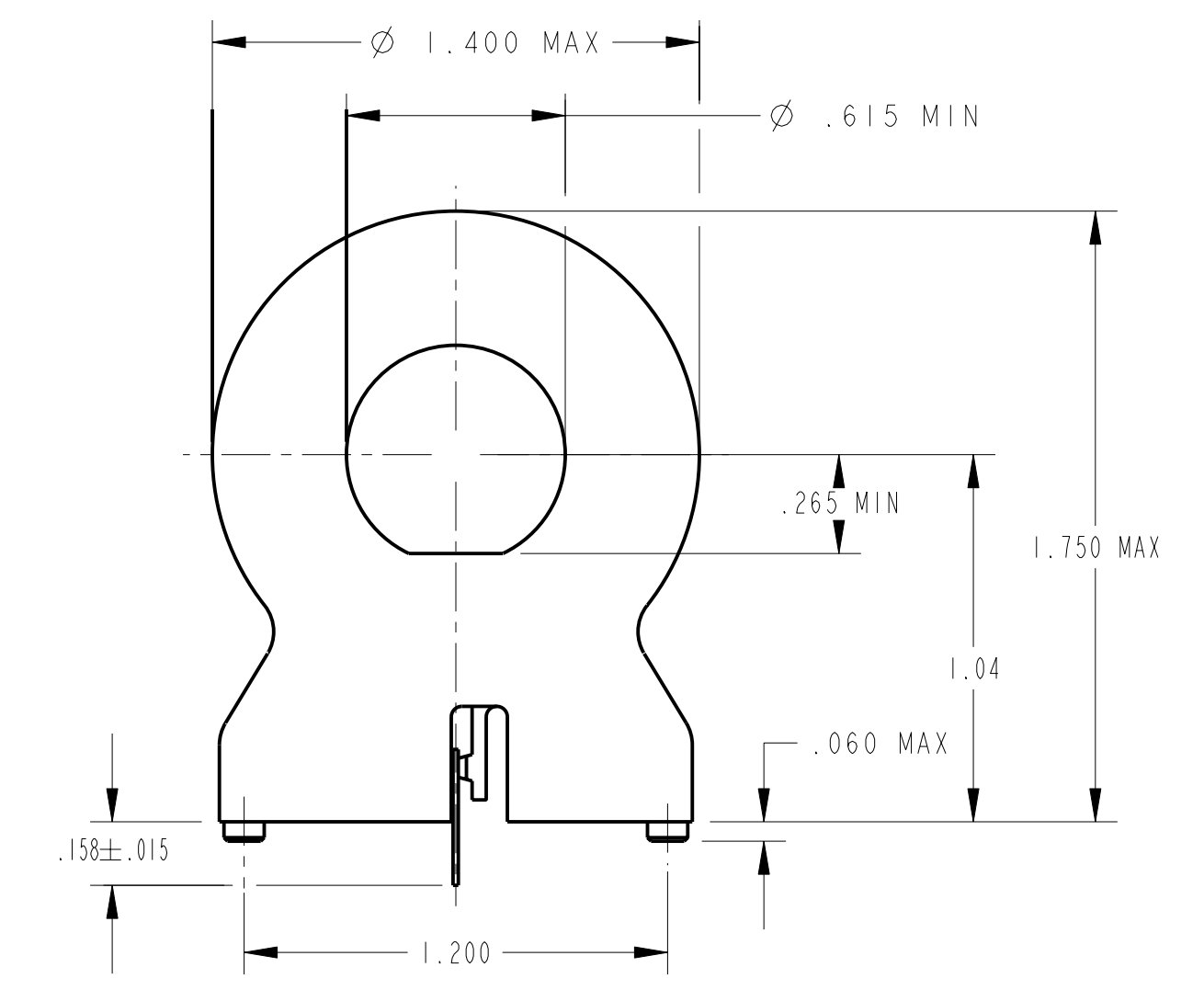
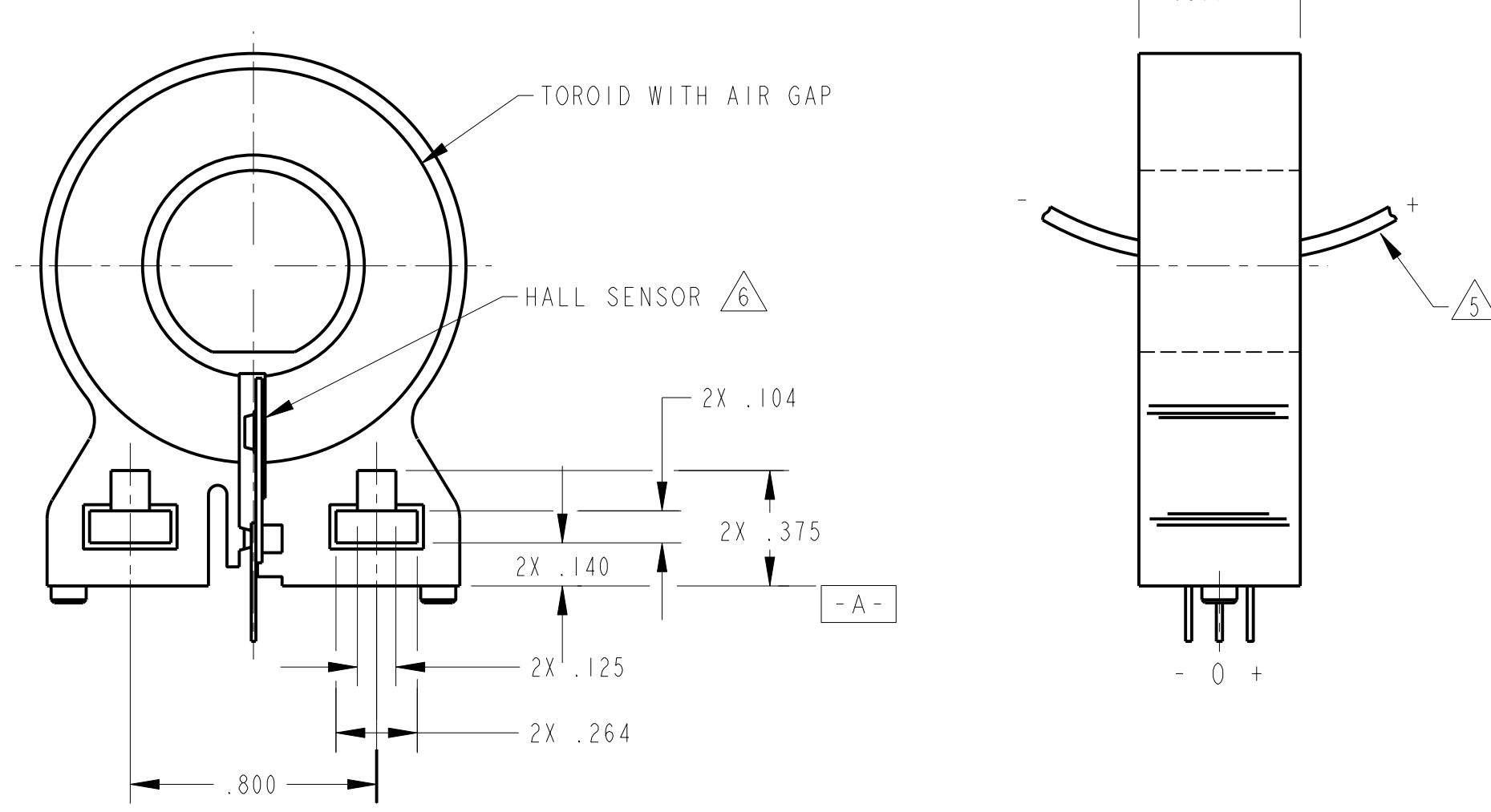
CHARACTERISTICS

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 <sub>s</sub> =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	5.3		6.25	mV/NI	@ V <sub>s</sub> =8.0V & 25° C $\triangle 5$
LINEARITY		.5	1.0	% OF SPAN	DEV FROM STR LINE FROM -I MAX TO +I MAX $\triangle 1$
V <sub>out</sub> @ $\emptyset$ NULL	.5(V <sub>s</sub> )-2%		.5(V <sub>s</sub> )+2%	VOLTS	25° C
TEMP ERROR-NULL	-.013		+.013	%/° C	-25° C TO 85° C
TEMP ERROR-GAIN	-.06		+.01	5/° C	-25° C TO 85° C

M CSLA2DKI



SUGGESTED HOLE CENTERS  
SCALE 4:1



- NOTES
- $\triangle 1$  SUGGESTED I MAX FOR LINEAR OPERATION IS 400 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
  - $\triangle 5$  AT V<sub>s</sub> OTHER THAN 8.0 VOLTS, SENSITIVITY = (NUMBER SHOWN) X V<sub>s</sub>/8
  - $\triangle 6$  BACKSIDE OF HALL SENSOR IS ELECTRICALLY CONNECTED TO THE "-" TERMINAL
  - 7 - SENSOR COATED WITH HUMISEAL
  - 8 - CORES TO BE VISUALLY CENTERED ABOUT SENSOR #

P.T.C./CAD [20]  
 DRAWN TSM 25MAY00  
 CHECK SAV 25MAY00  
 RELEASE NO. PR-22035  
 REPLACES  
 DRAWING NUMBER  
 ISSUE 2

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**CURRENT SENSOR**

CATALOG LISTING  
**CSLA2DKI**

ANSI Y14.5M-1982 APPLIES  
FED. MFG. CODE 91929

THIRD ANGLE PROJECTION

SCALE 2 : 1

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	$\pm .030$
TWO PLACES	(.00)	$\pm .015$
THREE PLACES	(.000)	$\pm .005$
ANGLES		$\pm$
WEIGHT		