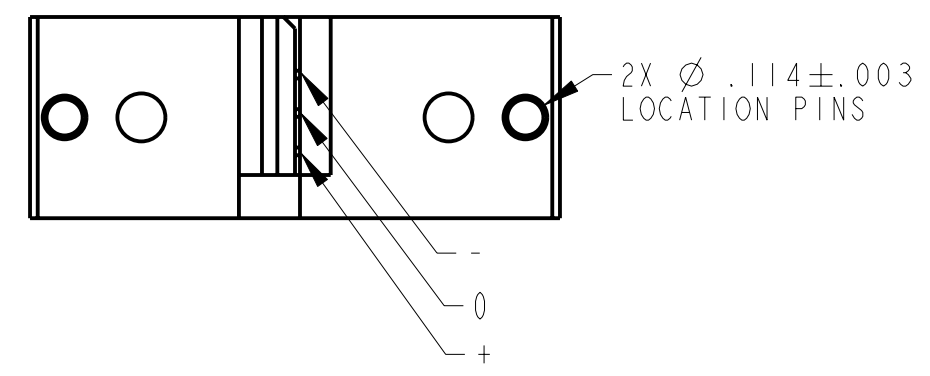
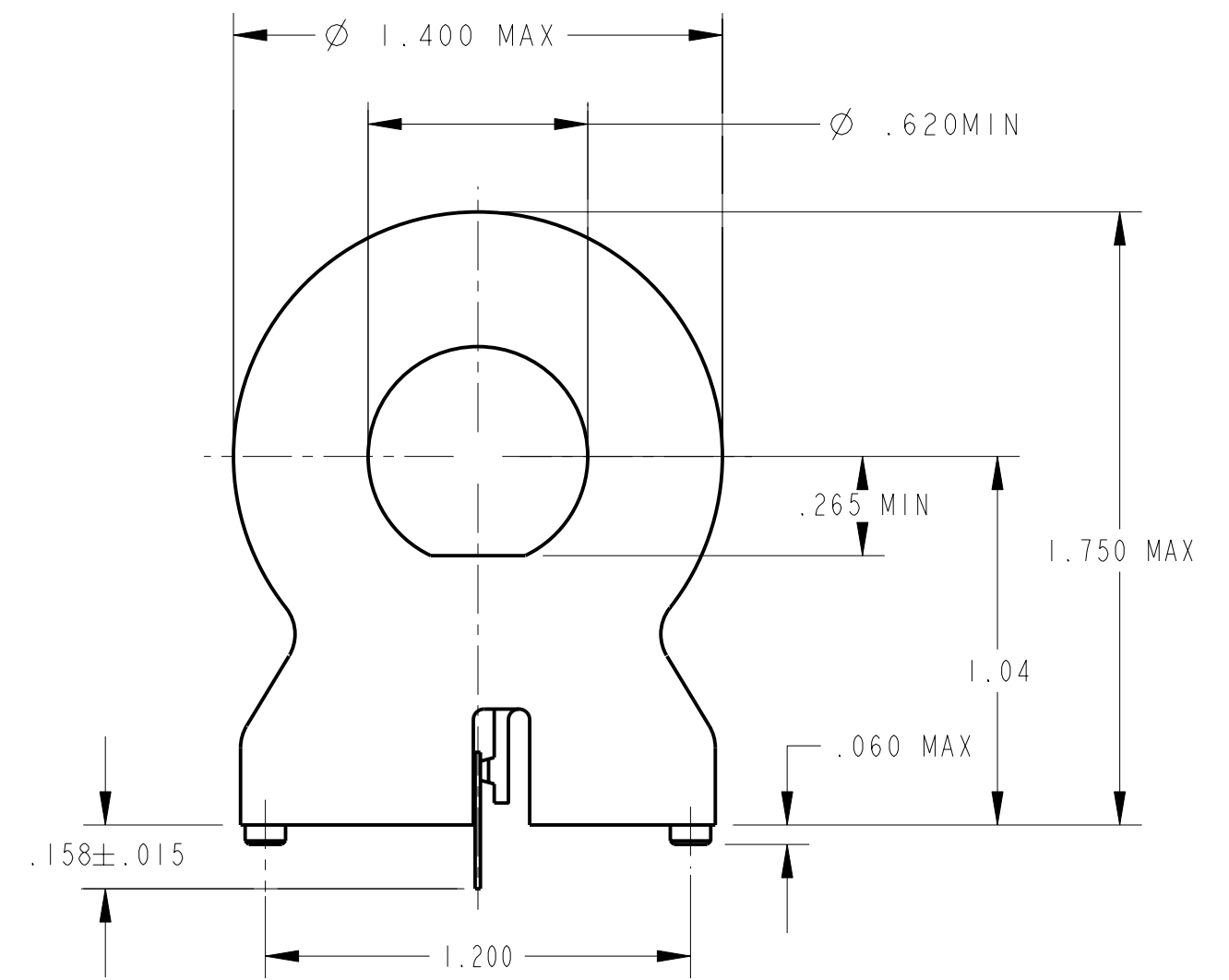
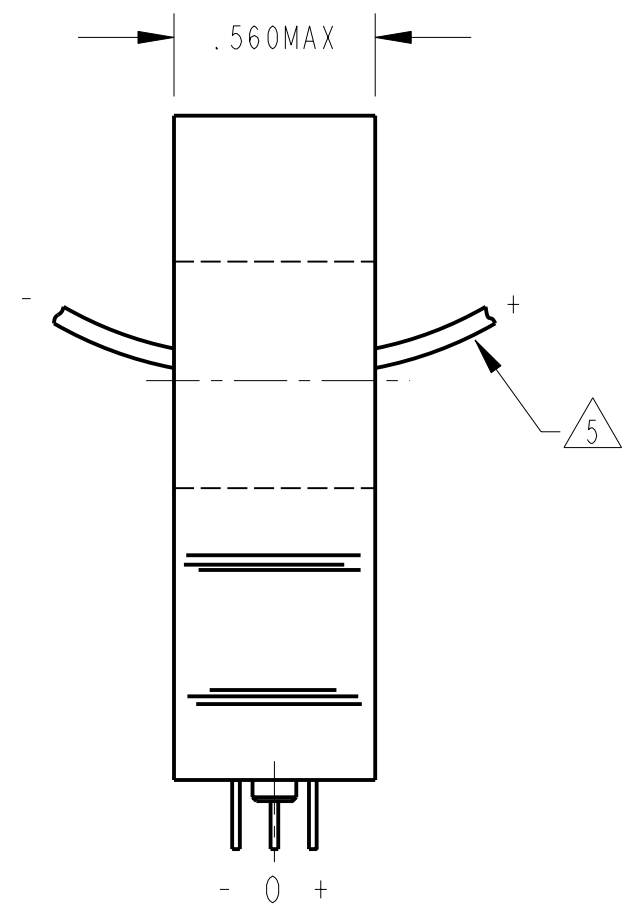
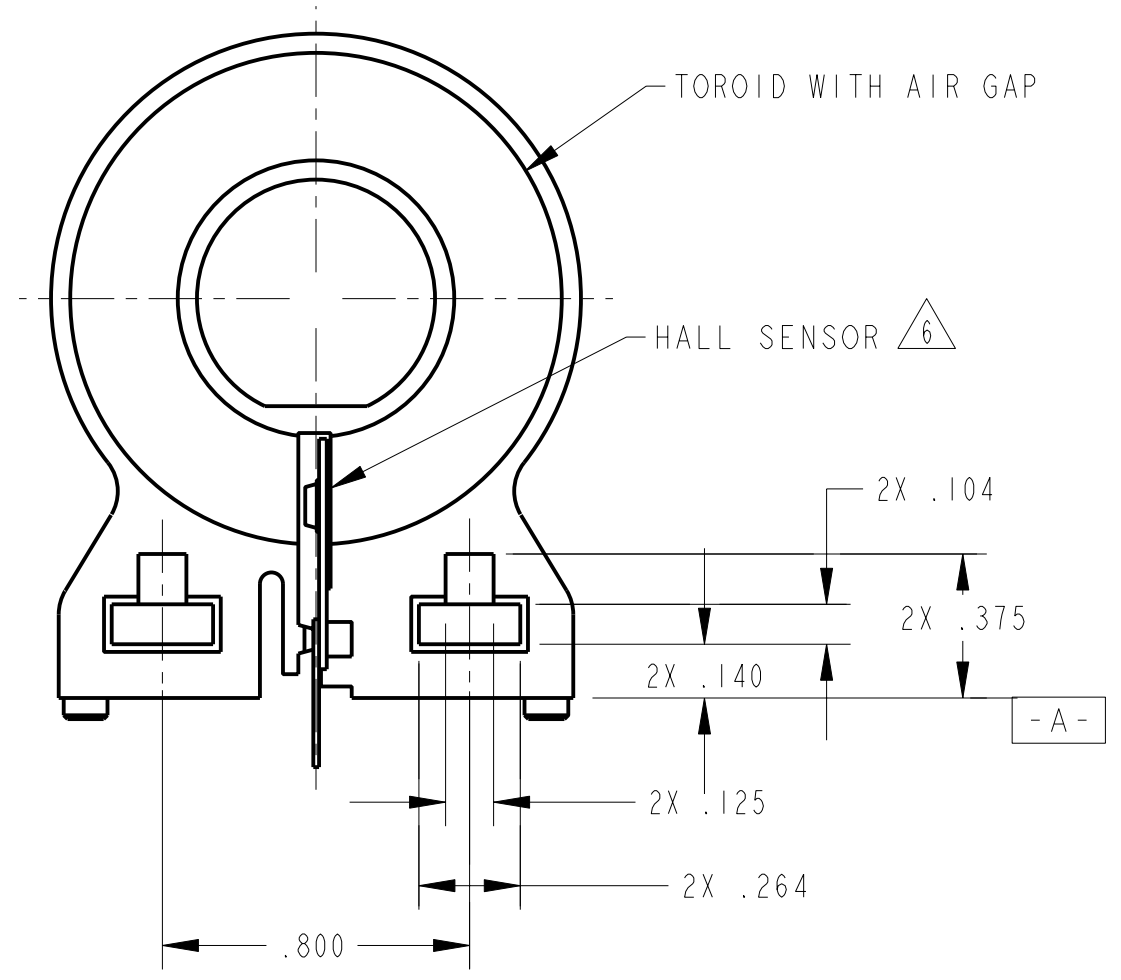
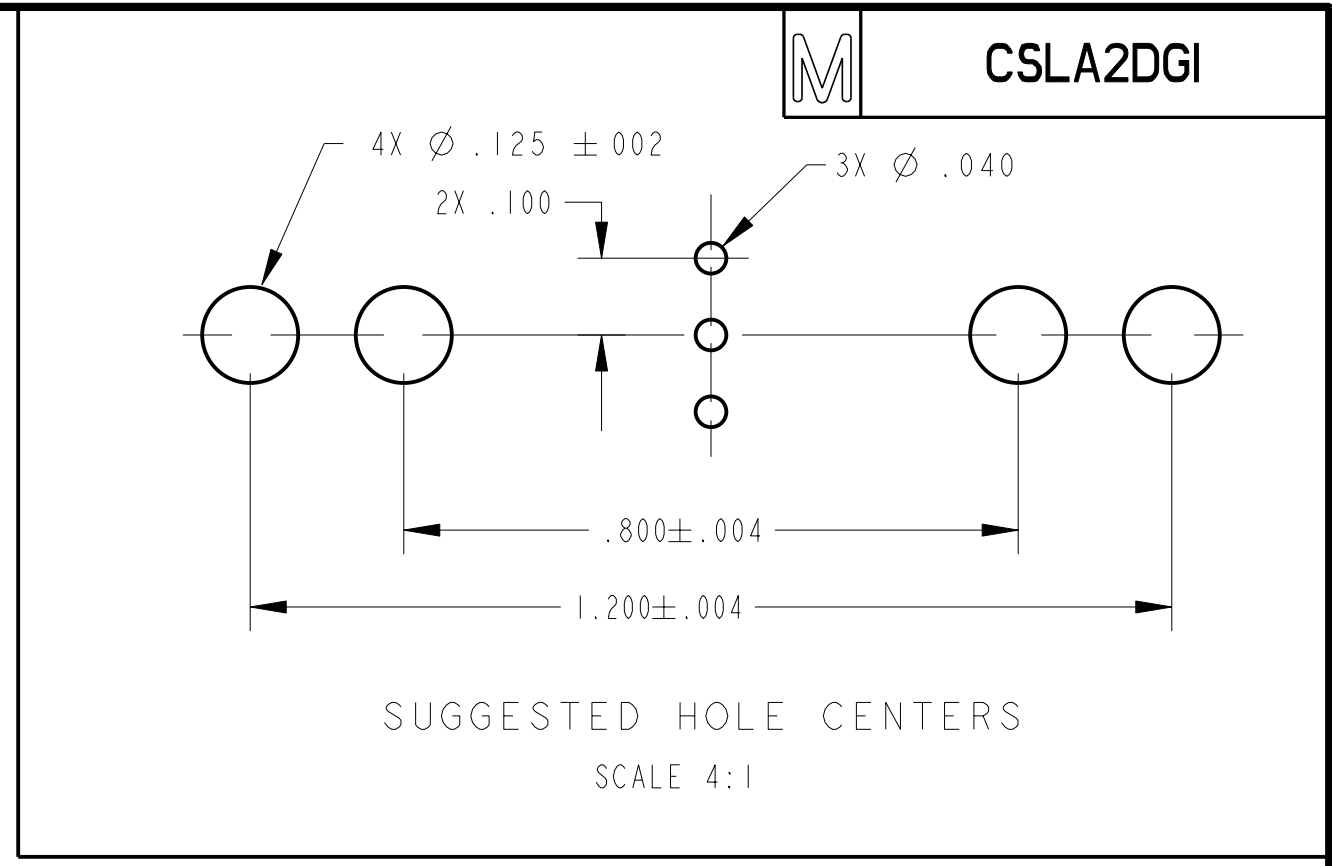


CHARACTERISTICS					
PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS/REMARKS
SUPPLY VOLTAGE	5.4		13.2	VOLTS	-25° C TO 85° C
SUPPLY CURRENT		8.0	20	mA	MAX @ -25° C, TYP @ 25° C, V _s =8.0V, EXCLUDES LOAD
OUTPUT CURRENT		13		mA	SINKING OR SOURCING
OUTPUT VOLTAGE SWING	(-V)+1.25		(+V)-1.25	VOLTS	MAX CLAMPED @ 9.0 VOLTS MIN
SENSITIVITY	15.1		17.2	mV/NI	@ V _s =8.0V & 25° C $\triangle 5$
LINEARITY		.5	1.0	% OF SPAN	DEV FROM STR LINE FROM -1 MAX TO +1 MAX $\triangle 1$
V _{out} @ \emptyset NULL	.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
- $\triangle 1$ SUGGESTED I MAX FOR LINEAR OPERATION IS 150 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_s OTHER THAN 8.0 VOLTS, SENSITIVITY = (NUMBER SHOWN) X V_s/8
 - $\triangle 6$ GROUND PLANE ON BACKSIDE OF THE CERAMIC IS ELECTRICALLY CONNECTED TO THE (-) TERMINAL
 - 7 - SENSOR COATED WITH HUMISEAL
 - 8 - CORE TO BE VISUALLY CENTERED ABOUT SENSOR

CSLA2DGI
 DRAWING NUMBER
 2
 ISSUE
 P.T.C./CAD [20]
 L.J.K
 26 MAY 00
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 SAV
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 RELEASE NO. PR-22035
 REPLACES

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MICRO SWITCH
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CURRENT SENSOR

CATALOG LISTING
CSLA2DGI

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)	± .030
TWO PLACES	(.00)	± .015
THREE PLACES	(.000)	± .005
ANGLES		±

WEIGHT