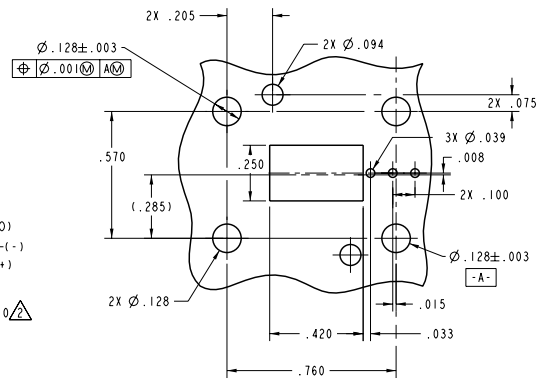
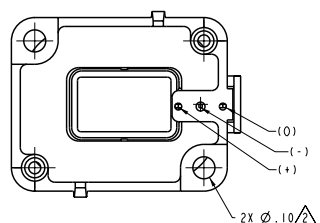


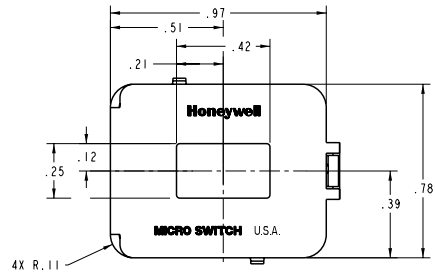
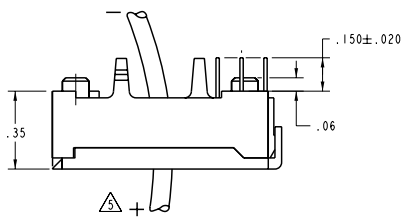
CSLH3A45
 OF
 PR-22135
 199344 CS
 P.I.C./CAD
 DRAWN
 S.M.R.3
 CHECK
 CHECK
 CHECK

CHARACTERISTICS					
PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS/REMARKS
SUPPLY VOLTAGE	4.5	5.0	10.5	VOLTS	-25°C TO 85°C
SUPPLY CURRENT		7.0	11.0	mA	MAX @ -25°C TYP @ 25°C, V _S = 5.0V EXCLUDES LOAD
OUTPUT CURRENT	1	1.5		mA	SINKING OR SOURCING @ 5.0V (.6mA @ 4.5 VOLT)
OUTPUT VOLTAGE SWING	(-V)+.4		(+V)-.4	VOLTS	
SENSITIVITY	15.0		22.0	mV/NI	@ V _S = 5.0 VOLTS & 25°C
LINEARITY	0		1%	% OF SPAN	DEV FROM STR LINE FROM -1 MAX TO +1 MAX Δ
V _{out} @ NI	.5(V _S)-4%		.5(V _S)+4%	VOLTS	25°C @ 5.0 VOLTS
TEMP ERROR - NULL	-.06		+.06	%/°C	-25°C TO 85°C
TEMP ERROR - GAIN	-.03		+.04	%/°C	-25°C TO 85°C

M CSLH3A45



SUGGESTED HOLE DETAIL



- NOTES
- 1 - SUGGESTED MAXIMUM CURRENT FOR LINEAR OPERATION IS 45.0 AMPS PEAK
 - 2 - RECOMMENDED MOUNTING IS 2X 4-40 SELF-TAPPING SCREWS (MAX LENGTH OF .285. TORQUE SHOULD NOT EXCEED 2.5 IN/LBS) PRIOR TO SOLDERING
 - 3 - THE DEVICE CANNOT BE DAMAGED BY MAGNETIC OVERDRIVE
 - 4 - SENSING ELEMENT IS SS495A DEVICE IS RATIO METRIC
 - 5 - CONVENTIONAL CURRENT FLOW IN DIRECTION INDICATED WILL CAUSE AN INCREASE IN OUTPUT VOLTAGE
 - 6 - RESPONSE TIME IS 50.0 MICRO SECONDS MAXIMUM

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CATALOG LISTING
CSLH3A45

MASTER REDUCED
 ANSI Y14.5M-1982 APPLIES

CURRENT SENSOR

THIRD ANGLE PROJECTION		
SCALE	3:1	
DO NOT SCALE PRINT		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.01)	±.030
TWO PLACES	(.001)	±.015
THREE PLACES	(.0001)	±.005
ANGLES		±
WEIGHT		