



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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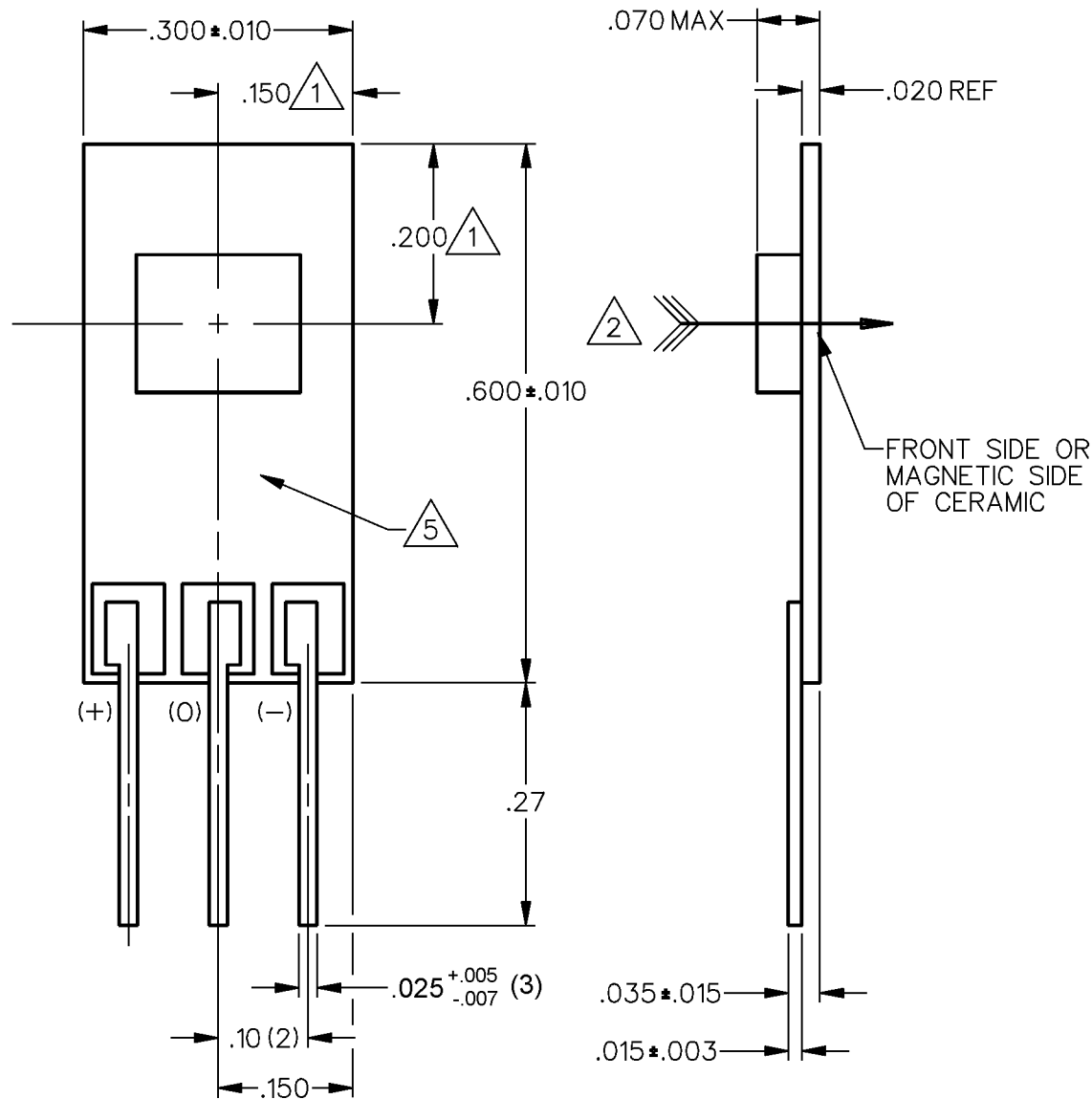
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SPECIFICATIONS 6

PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SENSITIVITY	TA = 25°C	24.5	25.0	25.5	mV/GAUSS
NULL	TA = 25°	3.92	4.00	4.08	VOLTS
SUPPLY CURRENT	TA = 25°		13	20	mA
OUTPUT CURRENT (SINK OR SOURCE)		1.0	2.0		mA
OUTPUT VOLTAGE SWING					
VOM -	-B APPLIED	1.2	1.1		VOLTS
VOM +	7 +B APPLIED	Vs -1.0	Vs -.9		VOLTS
B LIMITS FOR LINEAR OPERATION	-B MAX	-100	-115		GAUSS
	+B MAX	+100	+115		GAUSS
Vnull DRIFT	B = 0			±.10	%/°C
SENSITIVITY DRIFT				+0.02/-0.055	%/°C
LINEARITY	-B MAX T +B MAX	-1.5	-.8	0	% OF SPAN
SUPPLY VOLTAGE		6.6		12.6	VOLTS



NOTES

- 1 CENTERLINE OF HALL CELL (IC) ONLY. THE LOCATION OF THE CERAMIC COVER IS NOT SPECIFIED
- 2 THE + MAGNETIC FLUX IS IN THIS DIRECTION (THIS ASSUMES THE CONVENTION THAT THE DIRECTION OF THE EXTERNAL FLUX OF A MAGNET IS FROM THE NORTH TO THE SOUTH POLE OF THE MAGNET)
- 3 - THE DEVICE CANNOT BE DAMAGED BY MAGNETIC OVERDRIVE
- 4 - OUTPUT TYPE - RATIOMETRIC
- 5 ARTWORK IS TYPICAL
- 6 ALL CHARACTERISTICS ARE -40°C TO 125°C UNLESS OTHERWISE STATED WITH Vs = 8.000 VDC
- 7 THE OUTPUT IS CLAMPED AT 9.0 VDC MINIMUM, 9.5 VDC TYPICAL

THIRD ANGLE PROJECTION

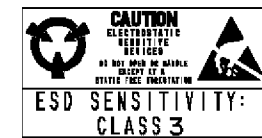
SCALE 5 : 1

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACE	(.00)	±.015
THREE PLACE	(.000)	±.005
ANGLES		±

WEIGHT



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 ISSUE 10
 REVISIONS:
 A C066416 K A G 25 SEP 89
 B C066822 J A S 2 FEB 90
 C C072441 J A S 19 MAY 92
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