

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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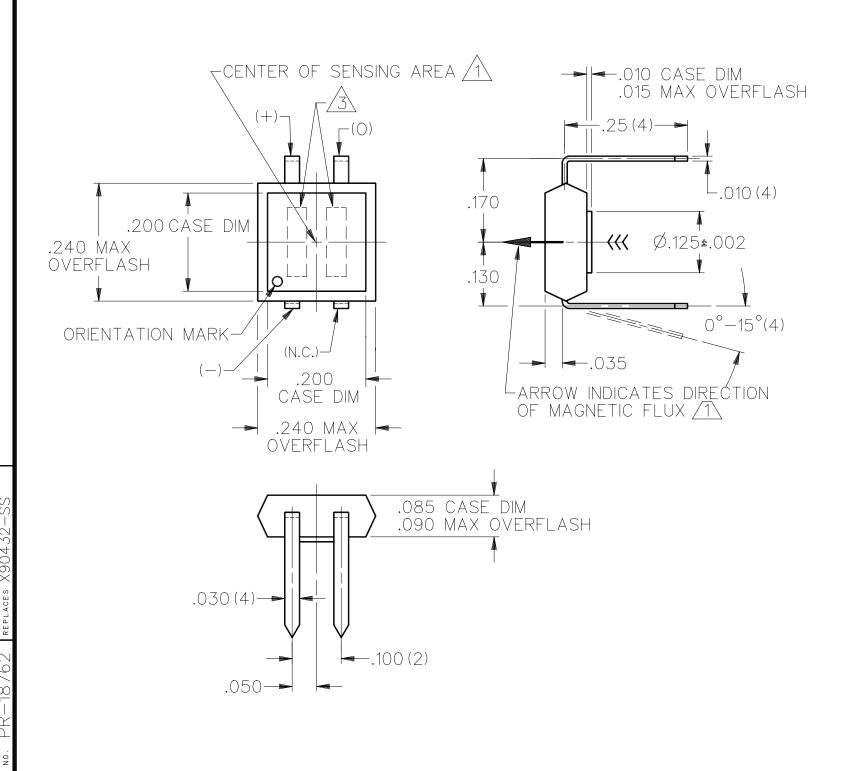
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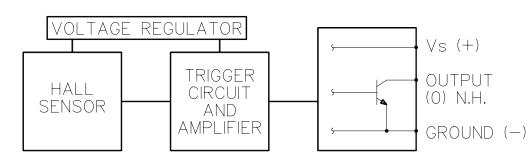
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BLOCK DIAGRAM SHOWING CURRENT SINKING OUTPUT

64SS4

 $\overline{\mathbf{Z}}$

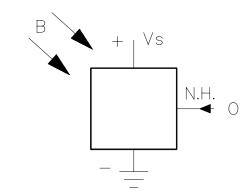
 $\overline{/1}$ to actuate the device, the south pole of the magnet or MAGNETIC FLUX GENERATOR MUST BE PRESENTED TO THE CENTER OF THE FRONT SURFACE OF THE DEVICE. (THIS ASSUMES THE CONVENTION THAT THE DIRECTION OF THE EXTERNAL FLUX OF A MAGNET IS FROM THE NORTH TO THE SOUTH POLE OF THE MAGNET) 12 THE MAGNETIC FIELD STRENGTH (GAUSS) REQUIRED TO CAUSE THE

SWITCH TO CHANGE STATE (OPERATE AND RELEASE) WILL BE AS SPECIFIED IN THE MAGNETIC CHARACTERISTICS. TO TEST THE SWITCH AGAINST THE SPECIFIED MAGNETIC CHARACTERISTICS, THE THE SWITCH MUST BE PLACED IN A UNIFORM MAGNETIC FIELD

CATALOG LISTING AND LOT NO. WILL BE STAMPED ON THE PACKAGE $\overline{/4}$ at supply voltage of 4.5 to 24 VDC and over the temperature RANGE SPECIFIED

AT 24\$2°C

ON THE UNREGULATED SUPPLY VOLTAGE



SWITCH SYMBOL

MAGNETIC CHARACTERISTICS 24

TEMP. RANGE	25°C	-20°C TO 85°C	-40°C TO 125°C		
OPERATE MAX	150	220	240		
OPERATE MIN	90				
RELEASE MIN	50	50	50		
DIFF MIN	10	8	8		

ABSOLUTE MAXIMUM RATING

SUPPLY VOLTAGE (Vs) 6	-28 TO +28 VDC
VOLTAGE EXTERNALLY	+28 VDC MAX WITH SWITCH IN "OFF" CONDITION ONLY
APPLIED TO OUTPUT	-0.5 V WITH SWITCH IN "OFF" OR "ON" CONDITION
LOAD ON OUTPUT	20mA
TEMPERATURE	-40°C TO +150°C
MAGNETIC FLUX	NO LIMIT, THE CIRCUIT CANNOT BE DAMAGED BY
	MAGNETIC OVERDRIVE

ELECTRICAL CHARACTERISTICS

	MIN	TYP	MAX	REMARKS
SUPPLY CURRENT 4			18mA	PLUS LOAD CURRENT
				Vs=4.5-24 VOLTS <u>/4</u> \
OUTPUT VOLTAGE (OPERATED) 4			0.4	SINKING 10mA
OUTPUT LEAKAGE CURRENT 4			10μΑ	LEAKAGE INTO SWITCH OUTPUT
(RELEASED)				
OUTPUT SWITCHING TIME				
(SINKING 10mA)/4				
RISE TIME (10% TO 90%)		0.2μS	1.5μS	10% TO 90%
FALL TIME (90% TO 10%)		0.5μS	1.5µS	90% TO 10%

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MICRO SWITCH

SOLID STATE SWITCH MAGNETICALLY OPERATED CATALOG LISTING 64SS4

ONE PLACE TWO PLACES (.00) $\pm .015$ THREE PLACES (.000) \pm .005

THIRD ANGLE PROJECTION

DO NOT SCALE PRINT UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

WEIGHT

a Honeywell Division FED. MFG. CODE 91929

ANGLES