



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!



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6SS Digital position sensors

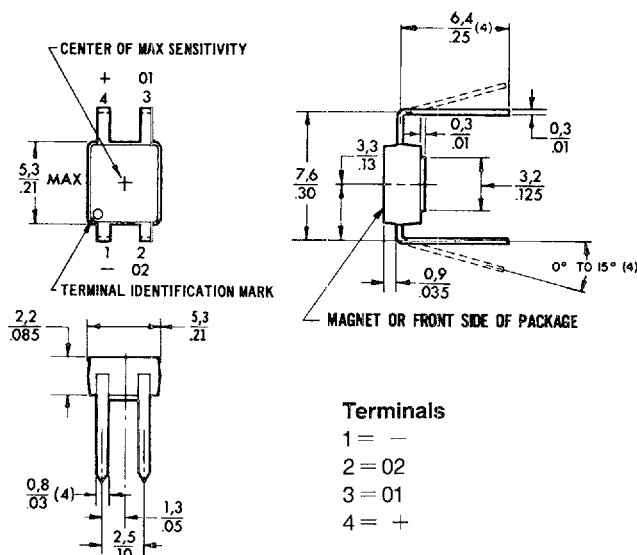


MOUNTING DIMENSIONS (For reference only)

FEATURES

- *Current sinking our current sourcing output*
- *Four pin dual-in-line terminals for printed circuit board or standard DIP socket mounting*
- *Output with or without molded-in flux concentrator*
- *Projects only 4 mm above PC board or DIP socket*
- *Smallest DIP package available*

NOTE: For analog sensors, see page 25.



6SS ORDER GUIDE

Catalog Listings		6SS2/6SS4*		612SS2/612SS4*		613SS2/613SS4*		618SS4
Supply Voltage (VDC)		4.5 to 5.5		6 to 24		6 to 24		4.5 to 24
Supply Current (mA max.)		4.0		13.0		13.0		8.7
Output Type		Source		Source		Sink		Sink
Output Voltage (V)		(Vs-1.5)		(Vs-1.5)		0.4		0.4
Current per Output (mA)		10		10		10		10
Magnetics Type		Unipolar		Unipolar		Unipolar		Bipolar
Magnetic Gauss Char. & Temp.		6SS2	6SS4*	612SS2	612SS4*	613SS2	613SS4*	
0 to 70°C	Max. Op.	880	720	560	460	560	460	75
	Min. Rel.	50	40	185	150	185	150	— 75
	Min. Dif.	40	35	40	35	40	35	35
— 40 to 100°C	Max. Op.	—	—	580	480	580	480	100
	Min. Rel.	—	—	150	120	150	120	— 100
	Min. Dif.	—	—	40	35	40	35	35
— 40 to 150°C	Max. Op.	—	—	600	495	600	495	160
	Min. Rel.	—	—	50	40	50	40	— 160
	Min. Dif.	—	—	40	35	40	35	35
25°C Typ.	Typ. Op.	430	350	400	330	400	330	35
	Typ. Rel.	260	215	300	245	300	245	— 35
	Typ. Dif.	170	135	100	85	100	85	70

Supplied with flux concentrator.
** Not necessarily latching.