



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

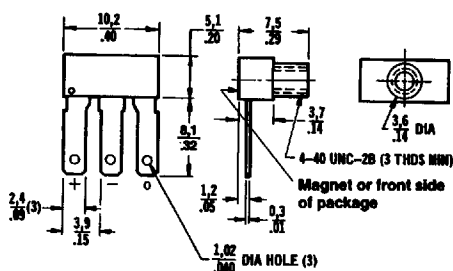
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T-65-05

Digital position sensors **5SS****MOUNTING DIMENSIONS** (For reference only)**FEATURES**

- 4.5-5.5 VDC or 6-24 VDC supply voltages
- Current sinking or current sourcing output
- Three pin solder terminals for easy wiring as remote sensor
- Internally threaded flux concentrator channels more of available flux density from magnet into sensor. Also used as mounting means.*

* Recommended torque not to exceed 20 inch-ounce (0.4N).

5SS ORDER GUIDE

Catalog Listings		5SS16	55SS16	512SS16	513SS16	517SS16	518SS16
Supply Voltage (VDC)		4.5 to 5.5	4.5 to 5.5	6 to 24	6 to 24	6 to 24	4.5 to 24
Supply Current (mA max.)		4.0	4.0	13.0	13.0	13.0	8.7
Output Type		Source	Sink	Source	Sink	Sink	Sink
Output Voltage (V)		(Vs-1.5)	0.4	(VS-1.5)	0.4	0.4	0.4
Current per Output (mA)		20	8	20	20	20	10
Magnetics Type		Unipolar	Unipolar	Unipolar	Unipolar	Bipolar*	Bipolar*
Magnetic Gauss Char. & Temp.							
0 to 70°C	Max. Op.	500	500	320	320	115	55
	Min. Rel.	30	30	105	105	- 115	- 55
	Min. Dif.	25	25	25	25	25	25
- 40 to 100°C	Max. Op.	—	—	330	330	125	70
	Min. Rel.	—	—	85	85	- 125	- 70
	Min. Dif.	—	—	25	25	25	25
- 40 to 150°C	Max. Op.	—	—	340	340	140	110
	Min. Rel.	—	—	30	30	- 140	- 110
	Min. Dif.	—	—	25	25	25	25
25°C Typ.	Typ. Op.	245	245	230	230	35	25
	Typ. Rel.	150	150	170	170	- 35	- 25
	Typ. Dif.	95	95	60	60	70	45

* Not necessarily latching.