



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!



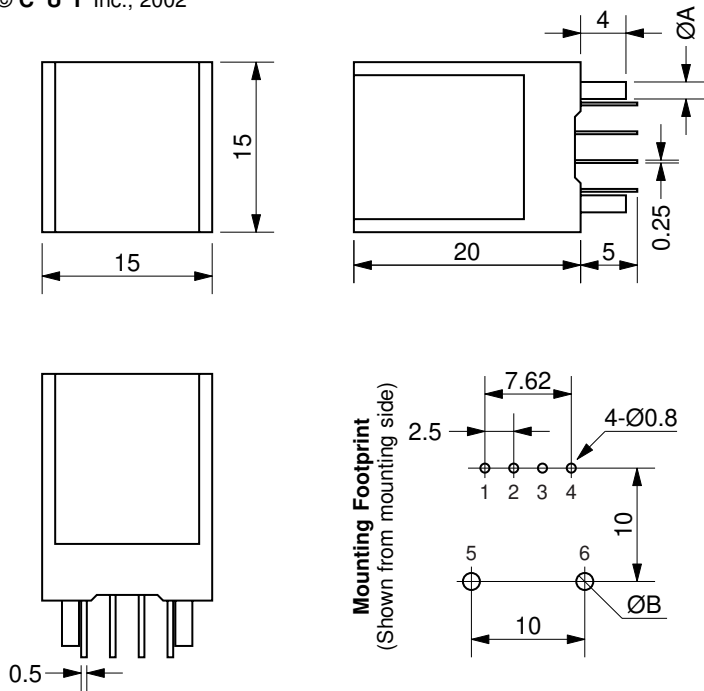
## Contact us

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**Pin Assignments**

Pin#	1	+5V
	2	NC
	3	Output
	4	0V
	5	Input (+)
	6	Input (-)

**Mounting Hole Dimensions**

Model	ØA	ØB
SCD03PUN	0.7	1.2
SCD05PUN	1.0	1.5
SCD10PUN	1.2	1.7
SCD15PUN	1.5	2.0
SCD20PUN	1.8	2.3

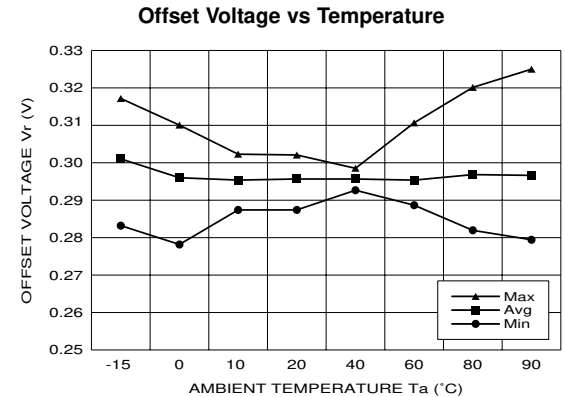
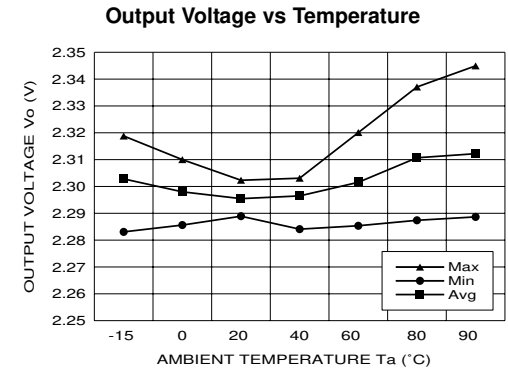
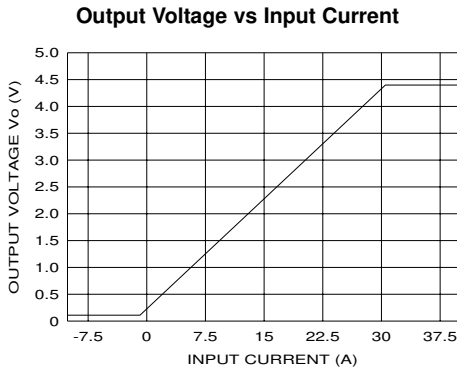
**SPECIFICATIONS**

(Vcc = +5V, RL = 10kΩ, Ta = 25°C)

Model	SCD03PUN	SCD05PUN	SCD10PUN	SCD15PUN	SCD20PUN
Rated Current	+3A	+5A	+10A	+15A	+20A
Linearity Range	+6A	+10A	+20A	+30A	+40A
Output Voltage	2.3V±40mV @ Rated Current				
Zero Current Offset Voltage	0.3V±30mV max. (after demagnetization)				
Output Voltage Linearity	≤0.5% @ rated current				
Supply Voltage	5V ±5%				
Max Current Consumption	10mA max.				
Response	7μS typ. @ 50 Amp/Turns/μS				
Output V Temp Char	±0.1%/°C max. @ rated current				
Zero Current Offset V Temp Char	±1.5mV/°C max.				
Hysteresis	8mV max. @ rated current to 0A				
Primary Overcurrent	10X rated current, 50 mS, no damage				
Withstand Voltage	2000 VAC, 50/60Hz, 1 minute between primary coil & terminal*				
Insulation Resistance	500 VDC, 500MΩ between primary coil & terminal				
Operating Temp	-10° to +75° C				
Storage Temp	-30 to +90°C				

\* "S" model available with 4500VAC, 50/60Hz, 1 minute between primary coil & terminal.



**Characteristics of SCD15PUN**



**Ordering Information**

SCD   PUN

Current Rating: 03: 3A, 05: 5A, 10: 10A, 15: 15A, 20: 20A  
 Input Voltage: A: ±15VDC, B: ±12VDC, S: ±12VDC, T: ±5VDC, U: +5VDC  
 Input Current Polarity: N: +(DC only), R: ± (bipolar)

 <p><b>CUI Inc.</b> 9615 SW Allen Blvd., #103 Beaverton, OR 97005 Tel: 503/643-4899 FAX: 503/643-6129</p>	 <p>ACTUATOR &amp; SENSOR TECHNOLOGY</p>	