

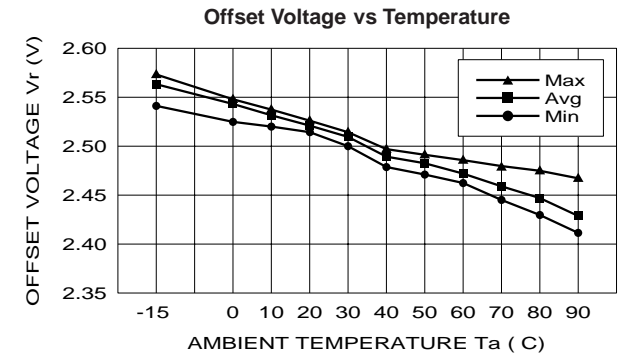
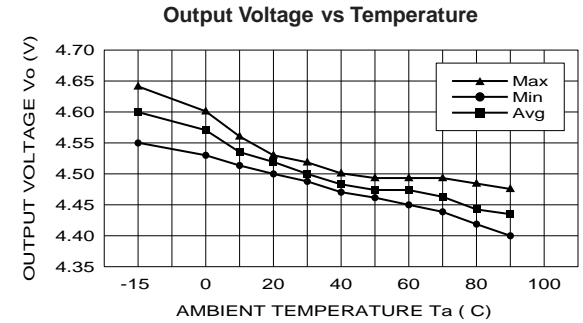
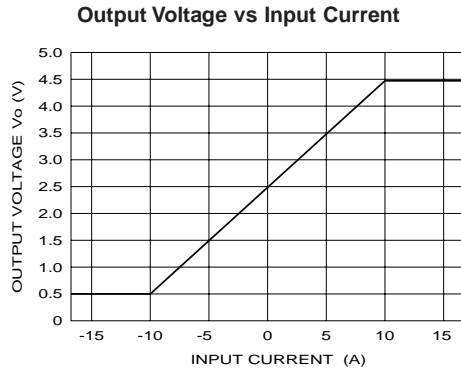
**Pin Assignments**

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

**Mounting Hole Dimensions**

Model	ØA	ØB
SCD03PUR	0.6	1.1
SCD05PUR	0.9	1.4
SCD10PUR	1.1	1.6
SCD15PUR	1.4	1.9
SCD20PUR	1.7	2.2

Characteristics of SCD10PUR



SPECIFICATIONS

(Vcc = 5V, RL = 10k, Ta = 25°C)

Model	SCD03PUR	SCD05PUR	SCD10PUR	SCD15PUR	SCD20PUR
Rated Current	±3A	±5A	±10A	±15A	±20A
Linearity Range	±4A	±6A	±11A	±16A	±21A
Output Voltage	4.5V±30mV @ +If; 0.5V±30mV @ -If				
Zero Current Offset Voltage	2.5V±20mV max. (after demagnetization)				
Output Voltage Linearity	0.5% @ rated current				
Supply Voltage	5V ±5%				
Max Current Consumption	25mA max.				
Response	3µS 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, 500M 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.

Ordering Information

SCD   PUR

Current Rating: 03: 3A, 05: 5A, 10: 10A, 15: 15A, 20: 20A  
 Input Voltage: U: +5VDC  
 Input Current Polarity: R: ± (bipolar)



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DRAWN BY	UPDATED	CHECKED	UNIT
AJR	04/20/07	04/20/07	MM
PART NO.	<b>SCDXXPUR</b>		REV. <b>A</b>