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TEST DATA SHEET

Date: 08-30-2012
Model: SCM5B31-02
SN: 81974-1

ACCURACY TEST

Vin (V)	Calculated Vout (V)	Measured Vout (V)*	Error (%)	Status
-5.000	-5.000	-5.000	+0.000	PASS
-2.499	-2.499	-2.500	-0.005	PASS
-0.000	-0.000	+0.000	+0.002	PASS
+2.500	+2.500	+2.501	+0.006	PASS
+5.000	+5.000	+5.002	+0.012	PASS

FINAL TEST RESULTS

Parameter	Measured Value	Specification	Status
Supply Current, Nom	15.1 mA	< 30 mA	PASS
Output Resistance	19 ohms	< 55 ohms	PASS
Linearity	0.004 %	+/- .03 %	PASS
Accuracy	0.012 %	+/- .08 %	PASS
Supply Sensitivity	155 uV/%	+/- 600 uV/%	PASS
Frequency Response	52.2 dB	61+/-16 dB	PASS
Step Response	99.9 %	85 to 110 %	PASS
Output Noise	103 uVrms	< 400 uVrms	PASS
240 VAC Withstand			PASS
Hi-Pot			PASS

Check List

Module Appearance:	__X__	Mounting Screw:	__X__
Pins Straight:	__X__	Module Header:	__X__

It is hereby certified that the above product is in conformance with all requirements to the extent specified. This product is not authorized or warranted for use in life support devices and/or systems.

* NIST traceable calibration certificates support Measured Value data. Calibration services are available through ANSI/NCSL Z540-1 and ISO Guide 25 Certified Metrology Labs.

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