





100		OPER.	ATING	ENVIRO	ONMEN	T 2	
90% 80% 70%							
70% 60% 50% 40% 30% 20%		RECOMMENDED OPERATING ZONE					
10%							
0 %	- 40	- 20		1 20 Z MPERATUF		60 8	0 10

PRODUCT DESCRIPTION								
CATALOG LISTING	OG LISTING DESCRIPTION							
H I H - 4000 - 00 I	INTEGRATED CIRCUIT HUMIDITY SENSOR, 0.100 IN LEAD PITCH SIP							
H I H - 4000 - 002	INTEGRATED CIRCUIT HUMIDITY SENSOR, 0.050 IN LEAD PITCH SIP							
HIH-4000-003	INTEGRATED CIRCUIT HUMIDITY SENSOR, 0.100 IN LEAD PITCH SIP WITH CALIBRATION AND DATA PRINTOUT							
H I H - 4000 - 004	INTEGRATED CIRCUIT HUMIDITY SENSOR, 0.050 IN LEAD PITCH SIP WITH CALIBRATION AND DATA PRINTOUT							
H I H - 4000 - 005	EQUIVALENT TO HIH-4000-001							

DATA PRINTOUT (EXAMPLE)					
MODEL	HIH-4000-003				
CHANNEL	92				
WAFER	030996M				
MRP	3373 3				
CALCULATED VALUES AT 5 V Vout @ 0% RH Vout @ 75.3% RH	0.958 V 3.268 V				
LINEAR OUTPUT FOR 3.5% RH ACCURACY @ 25 °C ZERO OFFSET SLOPE SENSOR RH	0.958 V 30.680 mV/%RH (Vour-ZERO OFFSET)/SLOPE (Vour-0.958)/0.0307				
RATIOMETRIC RESPONSE FOR 0 TO 100% RH	Vsupply (0.1915 TO 0.8130)				

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SIZE DWG TYPE DRAWING NAME

HIH-4000 SERIES CHART 1 E

SCALE 6: | SHEET 2 OF 2

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