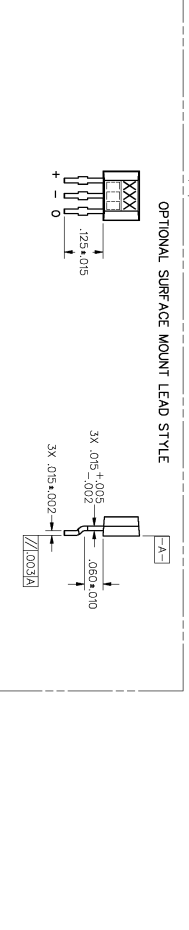
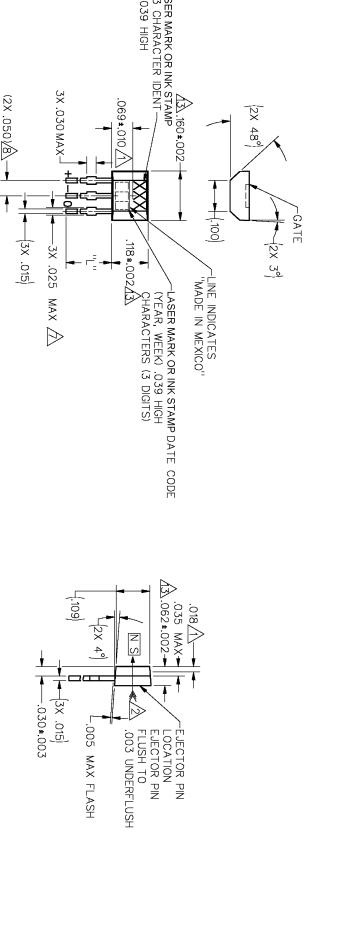
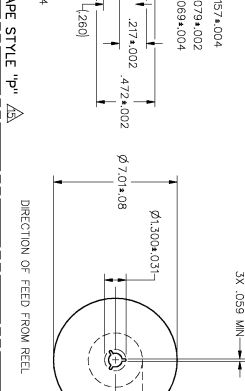
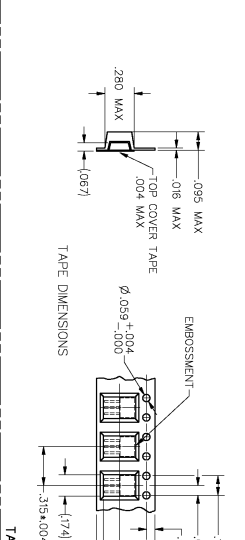
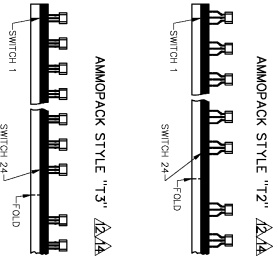
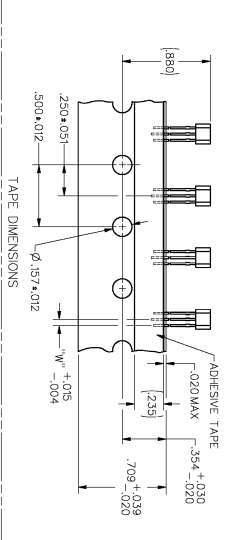
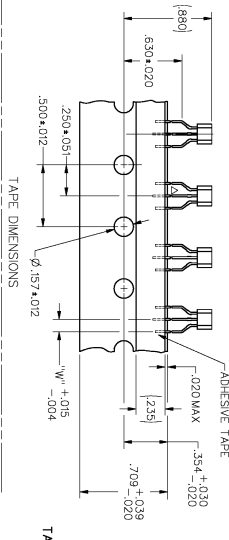


TAPE PACKING OPTIONS



- NOTES
- 1 - CENTERLINE OF HALL CELL
 - 2 - DIMENSION LISTED IN THE DIRECTION SHOWN (THIS ASSURES THE CONVERSION THAT THE DIRECTION OF THE EXTERNAL FLUX OF A MAGNET IS FROM THE NORTH TO THE SOUTH POLE OF THE MAGNET)
 - 3 - THE DEVICE CANNOT BE DAMAGED BY MAGNETIC OVERDRIVE
 - 4 - OUTPUT TYPE - RADIOMETRIC SUPPORTED DURING ANY FORMING/SHEERING OPERATION TO PREVENT DAMAGE TO THE DEVICE
 - 5 - ASSURE THAT THE LEADS ARE NOT STRESSED WITHIN THE ELASTIC
 - 6 - PCB WAVE SOLDERING GUIDELINES ARE AS FOLLOWS:
 - 7 - BARRS ARE ALLOWED ONLY IF FULL LENGTH OF LEADS WILL PASS THROUGH Ø.023 HOLE.
 - 8 - ABSOLUTE MAXIMUM RATINGS ARE THE EXTREME LIMITS THE DEVICE WILL MOMENTARILY WITHSTAND WITHOUT DAMAGE TO THE DEVICE. ELECTRICAL AND MAGNETIC CHARACTERISTICS OF THE DEVICE NECESSARILY OPERATE AT ABSOLUTE MAXIMUM RATINGS.
 - 9 - LEAD STRAIGHTNESS MAY BE DETERIORATED ON SOME UNITS BY BULK PACKAGING. APPLICATIONS HAVING A CRITICAL LEAD STRAIGHTNESS REQUIREMENT SHOULD USE A TAPE PACKAGING OPTION 24 SWITCHES BETWEEN FOLDS, SKIP 1 SPACE AT FOLD. MAY BE REFERRED TO AS "AN FOLD"
 - 10 - DIMENSION REFERS TO THE LOCATION OF LEAD CENTERLINES AS THE EXIT THE PLASTIC PACKAGE
 - 11 - ABSOLUTE MAXIMUM RATINGS ARE THE EXTREME LIMITS THE DEVICE WILL MOMENTARILY WITHSTAND WITHOUT DAMAGE TO THE DEVICE. ELECTRICAL AND MAGNETIC CHARACTERISTICS OF THE DEVICE NECESSARILY OPERATE AT ABSOLUTE MAXIMUM RATINGS.
 - 12 - LEAD STRAIGHTNESS MAY BE DETERIORATED ON SOME UNITS BY BULK PACKAGING. APPLICATIONS HAVING A CRITICAL LEAD STRAIGHTNESS REQUIREMENT SHOULD USE A TAPE PACKAGING OPTION 24 SWITCHES BETWEEN FOLDS, SKIP 1 SPACE AT FOLD. MAY BE REFERRED TO AS "AN FOLD"
 - 13 - WOLED PART DIMENSIONS DO NOT INCLUDE FLASH. FLASH IS LIMITED TO .005 MAXIMUM.
 - 14 - TAPE AND AMMOPACK PER EA-468
 - 15 - POCKET TAPE PER EA-461

CATALOG LISTING	TAPE STYLE	DIM "L"	DIM "W"	COMMENTS
SS496A-1	NONE	.590	.050	BULK-1000/BAG
SS496A-1-T2	T2	.590	.050	BULK-1000/BOX
SS496A-1-T3	T3	.590	.050	BULK-1000/BOX
SS496A-1-S	P	.125	.050	BULK-1000/BAG
SS496A-1-SP	P	.125	.050	1000/PACKET TAPE AND REEL
SS496A1-T2	NONE	.590	.050	BULK-1000/BAG
SS496A1-T3	NONE	.590	.050	BULK-1000/BOX
SS496A1-S	NONE	.125	.050	BULK-1000/BAG
SS496A1-SP	P	.125	.050	1000/PACKET TAPE AND REEL
SS496B	NONE	.590	.050	BULK-1000/BAG
SS496B-T2	T2	.590	.050	BULK-1000/BOX
SS496B-T3	T3	.590	.050	5000/BOX
SS496B-S	NONE	.125	.050	BULK-1000/BAG
SS496B-SP	P	.125	.050	1000/PACKET TAPE AND REEL

ESD SENSITIVITY
ELECTROSTATIC DISCHARGE (ESD) PROTECTION IS REQUIRED FOR THIS DEVICE.
HANDLE WITH CARE TO PREVENT DAMAGE TO THE DEVICE.
DO NOT STORE PARTS IN ONE PLACE FOR MORE THAN 30 DAYS.
THIS DEVICE IS NOT TESTED FOR HALOGENES.
THIS DEVICE IS NOT TESTED FOR HALOGENES.
THIS DEVICE IS NOT TESTED FOR HALOGENES.

Micro Switch
MINIATURE RADIO-METRIC
LINEAR HALL EFFECT SENSOR
SS496 SERIES CHART 1

SCALE 5:1
DIMENSIONS ARE IN INCHES
DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS
TYPICAL DIMENSIONS
TYPICAL DIMENSIONS
TYPICAL DIMENSIONS

THIS DRAWING CONVEYS A PRODUCT SPECIFICATION AND IS NOT A CONTRACT. THE BUYER AGREES TO HOLD THE SELLER HARMLESS FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING OUT OF OR RESULTING FROM THE USE OF THIS DRAWING.

ANSI Y14.5M-1987 APPLIES

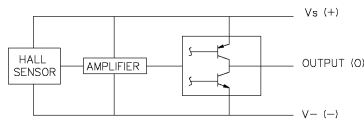
CHARACTERISTICS ARE AT $V_s=5.00$ WITH 4.7K OUTPUT TO MINUS WITH $T_A = -40^{\circ}\text{C}$ TO $+125^{\circ}\text{C}$ UNLESS OTHERWISE SPECIFIED

SS496A

SS496 SERIES CHART 1

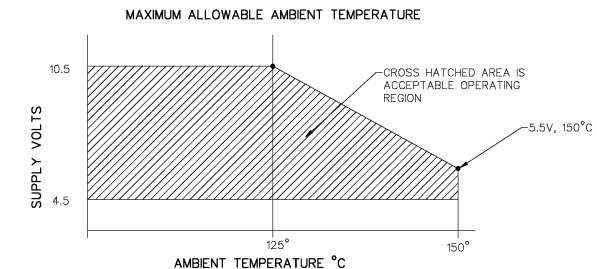
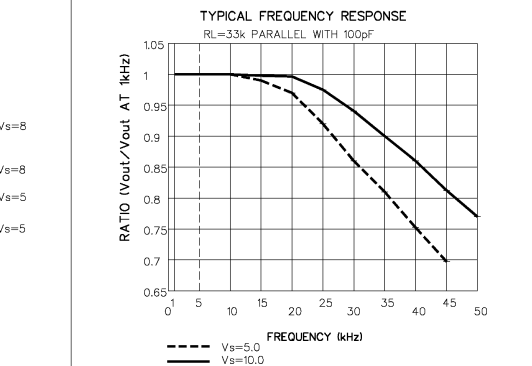
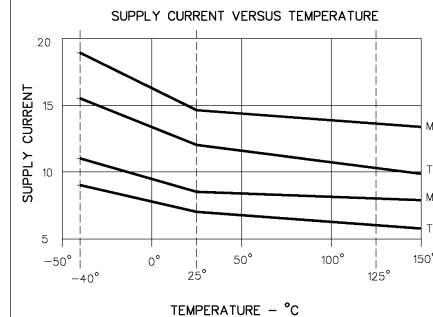
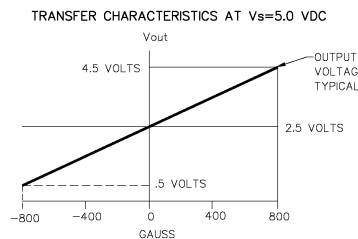
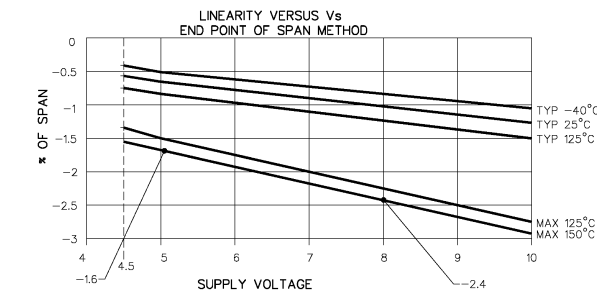
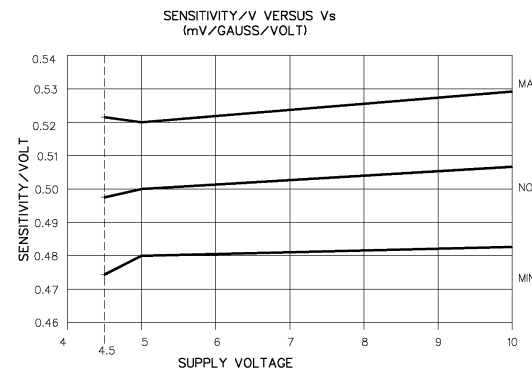
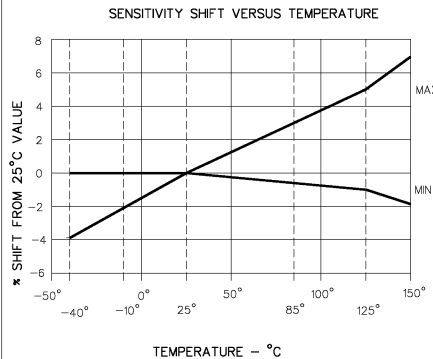
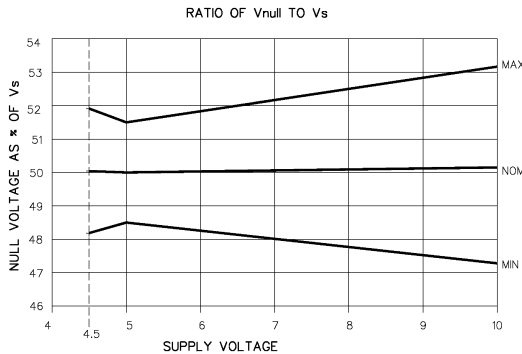
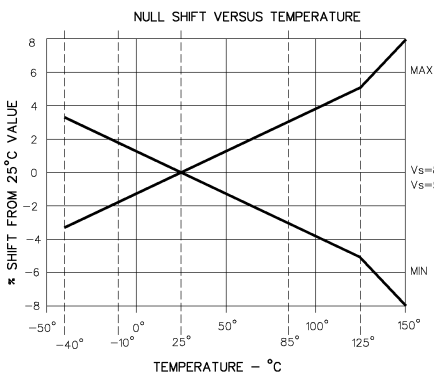
PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SENSITIVITY	$T_A = 25^{\circ}\text{C}$	2.4	2.5	2.6	mV/GAUSS
NULL	$T_A = 25^{\circ}\text{C}$	2.425	2.50	2.575	VOLTS
SUPPLY CURRENT	$T_A = 25^{\circ}\text{C}$		7	8.7	mA
OUTPUT CURRENT SOURCE	$V_s > 4.5$	1mA	1.5mA		
OUTPUT CURRENT SINK	$V_s > 4.5$.6mA	1.5mA		
OUTPUT CURRENT SINK	$V_s > 5.0$	1mA	1.5mA		
RESPONSE TIME			3μs		
OUTPUT VOLTAGE SWING					
VOM -	-B APPLIED	.4	.2		VOLTS
VOM +	+B APPLIED	$V_s - .4$	$V_s - .2$		VOLTS
B LIMITS FOR LINEAR OPERATION					
-B MAX		-750	-840		GAUSS
+B MAX		+750	+840		GAUSS
Vnull DRIFT	$B = 0, T_A = 25^{\circ}\text{C TO } 125^{\circ}\text{C}$		-0.048		% / °C
Vnull DRIFT	$B = 0, T_A = +125^{\circ}\text{C TO } +150^{\circ}\text{C}$		-0.064		% / °C
SENSITIVITY DRIFT	$T_A = +25^{\circ}\text{C TO } +125^{\circ}\text{C}$		-0.01		% / °C
SENSITIVITY DRIFT	$T_A = -40^{\circ}\text{C TO } +25^{\circ}\text{C}$		0		% / °C
LINEARITY	$B = -600 \text{ TO } +600$	0	-1.0		% OF SPAN
SUPPLY VOLTAGE	$-40^{\circ}\text{C TO } +125^{\circ}\text{C}$	4.5	5.0	10.5	VOLTS
OPERATING TEMP	SEE MAX TEMPERATURE CHART	-40		+150	°C

BLOCK DIAGRAM CURRENT SINKING OR SOURCING OUTPUT



ABSOLUTE MAXIMUM CHARACTERISTICS

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN	MAX	UNITS
SUPPLY VOLTAGE	V_{cc}		-0.5	11	V
OUTPUT VOLTAGE	V_{out}		-0.5	11	V
OUTPUT CURRENT	I_{out}	SOURCE OR SINK		10	mA
TEMPERATURE	T_A	OPERATING	-55	150	°C
	T_s	STORAGE ($V_{cc}=0$)	-55	165	°C



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 PRO. WPS. 0006 01999
MICRO SWITCH
 a Honeywell Division

MINIATURE RATIO-METRIC LINEAR HALL EFFECT SENSOR
 CATALOG LISTING
SS496 SERIES CHART 1

THIRD ANGLE PROJECTION	
DO NOT SCALE PRINT	
SCALE NONE	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	101 ±.030
TWO PLACES	1001 ±.015
THREE PLACES	10001 ±.005
ANGLES	±2°
WEIGHT	

DRAWING NUMBER: SS496 SERIES CHART 1
 OF: 10
 PAGE: 7
 REVISED: 10/03/95
 BY: J.A. HENSELBERG
 CHECKED: J.A. HENSELBERG
 APPROVED: J.A. HENSELBERG
 DATE: 10/03/95
 FILE: 100795-SS

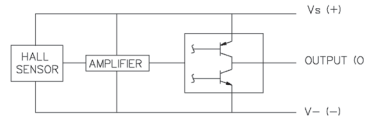
CHARACTERISTICS ARE AT $V_s=5.00$ WITH 4.7K OUTPUT TO MINUS WITH $T_A = -40^{\circ}\text{C}$ TO $+125^{\circ}\text{C}$ UNLESS OTHERWISE SPECIFIED

SS496A1

SS496 SERIES CHART 1

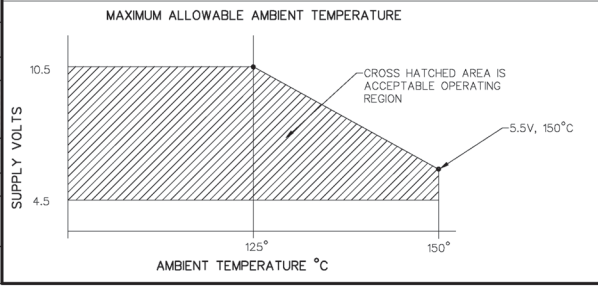
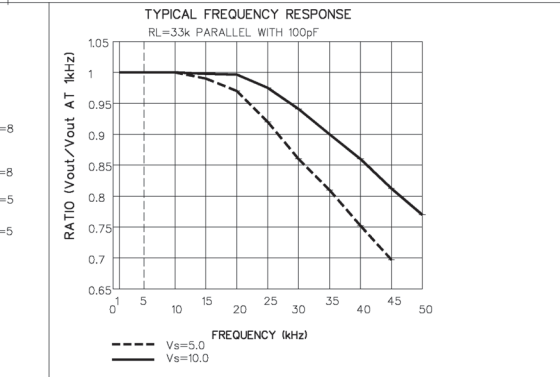
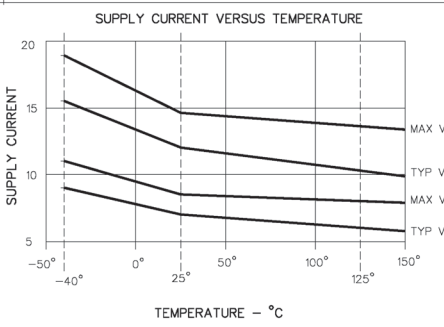
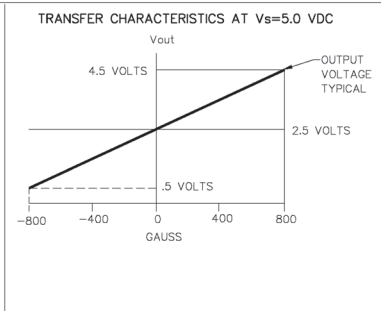
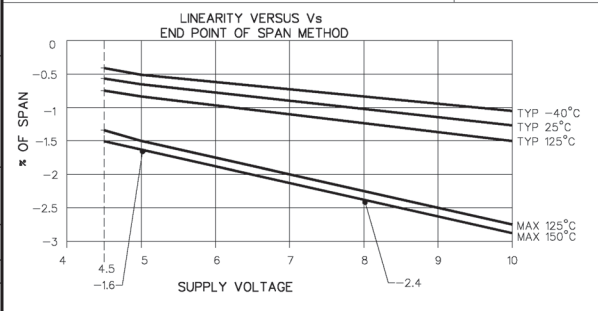
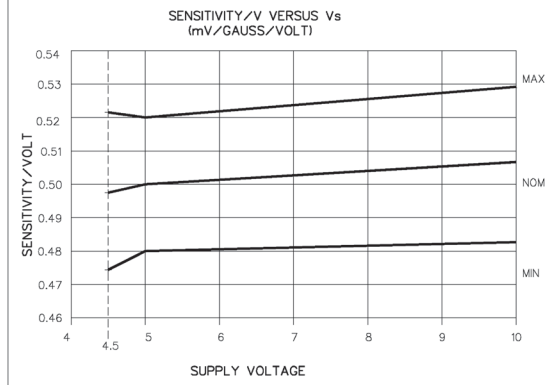
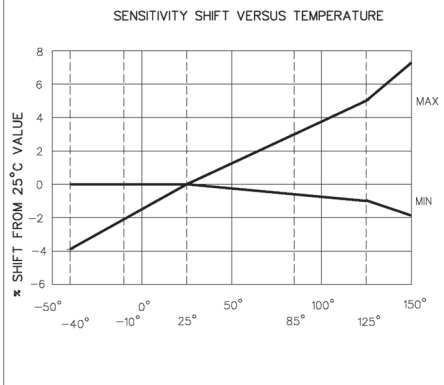
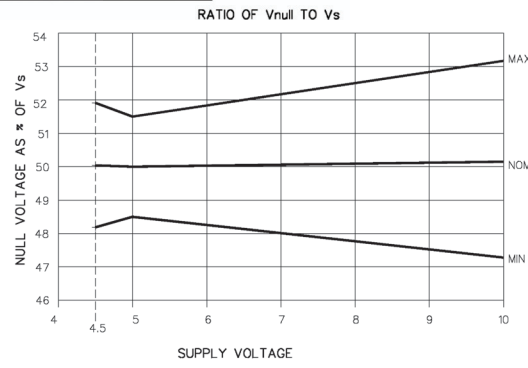
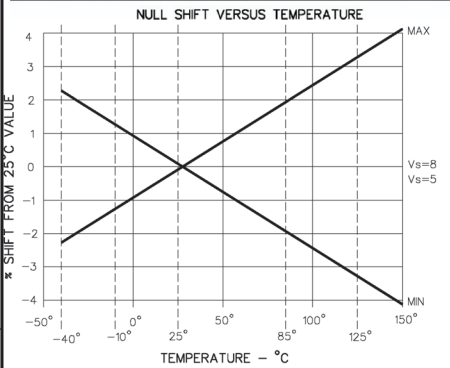
PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SENSITIVITY	$T_A = 25^{\circ}\text{C}$	2.425	2.500	2.575	mV/GAUSS
NULL	$T_A = 25^{\circ}\text{C}$	2.425	2.50	2.575	VOLTS
SUPPLY CURRENT	$T_A = 25^{\circ}\text{C}$		7	8.7	mA
OUTPUT CURRENT SOURCE	$V_s > 4.5$	1mA		1.5mA	
SINK	$V_s > 4.5$.6mA		1.5mA	
SINK	$V_s > 5.0$	1mA		1.5mA	
RESPONSE TIME				3μs	
OUTPUT VOLTAGE SWING					
VOM -	-B APPLIED	.4	.2		VOLTS
VOM +	+B APPLIED	$V_s - .4$	$V_s - .2$		VOLTS
B LIMITS FOR LINEAR OPERATION					
-B MAX		-750	-840		GAUSS
+B MAX		+750	+840		GAUSS
Vnull DRIFT	$B = 0, T_A = 25^{\circ}\text{C}$ TO 125°C			$\pm .032$	% / $^{\circ}\text{C}$
Vnull DRIFT	$B = 0, T_A = +125^{\circ}\text{C}$ TO $+150^{\circ}\text{C}$			$\pm .064$	% / $^{\circ}\text{C}$
SENSITIVITY DRIFT	$T_A = +25^{\circ}\text{C}$ TO $+125^{\circ}\text{C}$			$\pm .05$	% / $^{\circ}\text{C}$
SENSITIVITY DRIFT	$T_A = -40^{\circ}\text{C}$ TO $+25^{\circ}\text{C}$			$\pm .06$	% / $^{\circ}\text{C}$
SENSITIVITY DRIFT	$T_A = +125^{\circ}\text{C}$ TO $+150^{\circ}\text{C}$			$\pm .08$	% / $^{\circ}\text{C}$
LINEARITY	$B = -6.00$ TO $+6.00$		-1.0	-1.5	% OF SPAN
SUPPLY VOLTAGE	-40°C TO $+125^{\circ}\text{C}$		4.5	5.0	VOLTS
OPERATING TEMP	SEE MAX TEMPERATURE CHART	-40		+150	$^{\circ}\text{C}$

BLOCK DIAGRAM CURRENT SINKING OR SOURCING OUTPUT



ABSOLUTE MAXIMUM CHARACTERISTICS

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN	MAX	UNITS
SUPPLY VOLTAGE	V_{cc}		-0.5	11	V
OUTPUT VOLTAGE	V_{out}		-0.5	11	V
OUTPUT CURRENT	I_{out}	SOURCE OR SINK		10	mA
TEMPERATURE	T_A	OPERATING	-55	150	$^{\circ}\text{C}$
	T_s	STORAGE ($V_{cc}=0$)	-55	165	$^{\circ}\text{C}$



CAUTION: ESD SENSITIVITY CLASS 3

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 MICRO SWITCH
 MINIATURE RATIO-METRIC
 LINEAR HALL EFFECT SENSOR

THIRD ANGLE PROJECTION
 SCALE: NONE
 DO NOT SCALE PRINT
 UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
 ONE PLACE (L) ±.030
 TWO PLACES (L00) ±.015
 THREE PLACES (L000) ±.005
 ANGLES ±2°
 WEIGHT

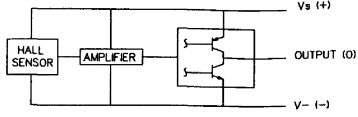
REVISION NUMBER: 10
 SS496 SERIES CHART 1
 DATE: 10/10/82
 DRAWN BY: J.A.F. / REVISED BY: J.A.F. / CHECKED BY: J.A.F. / APPROVED BY: J.A.F.
 PART NUMBER: 100796-SS
 QUANTITY: 10000
 UNIT: 1000
 ASSEMBLY: 10000
 MATERIAL: 10000
 FINISH: 10000
 TOLERANCE: 10000
 WEIGHT: 10000
 PACKAGE: 10000
 DRAWING NO: 100796-SS
 DATE: 10/10/82
 MICRO SWITCH
 HONEYWELL

CHARACTERISTICS ARE AT $V_s=5.00$ WITH 4.7K OUTPUT TO MINUS WITH $T_A=-40^{\circ}\text{C}$ TO $+125^{\circ}\text{C}$ UNLESS OTHERWISE SPECIFIED

SS496B

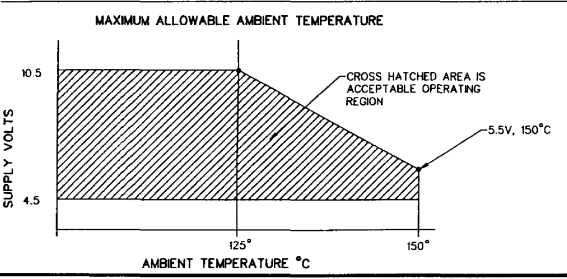
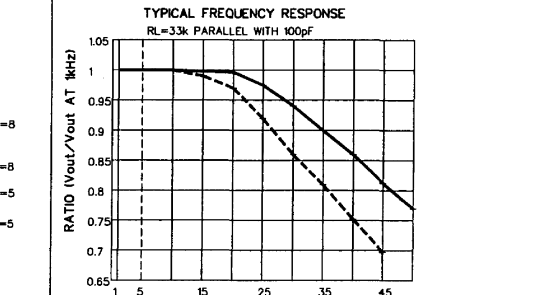
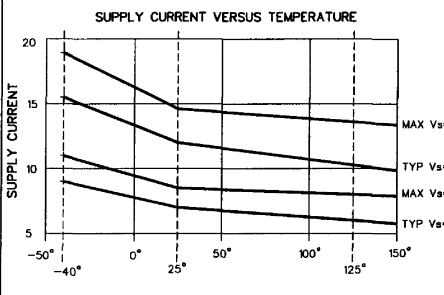
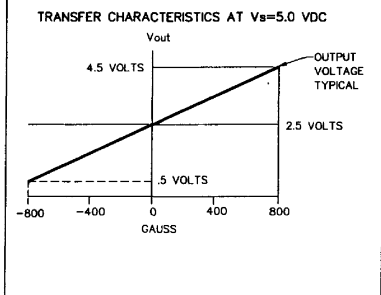
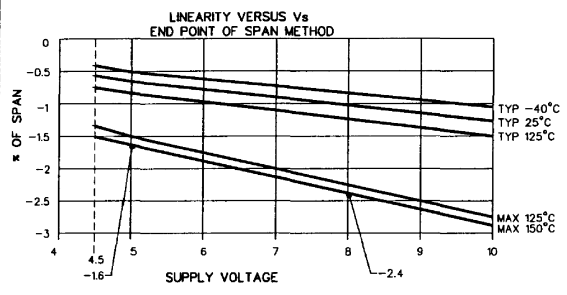
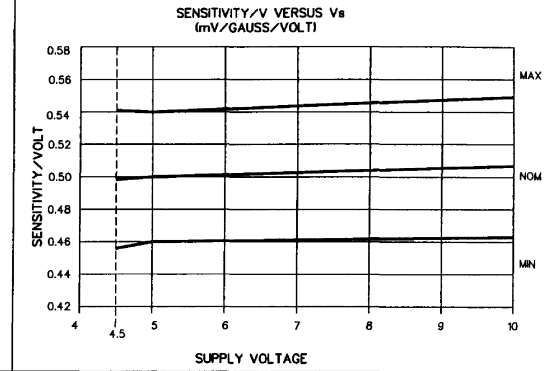
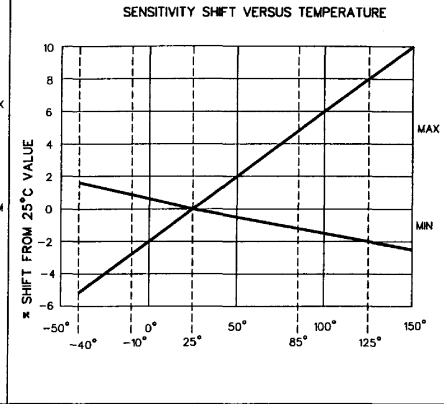
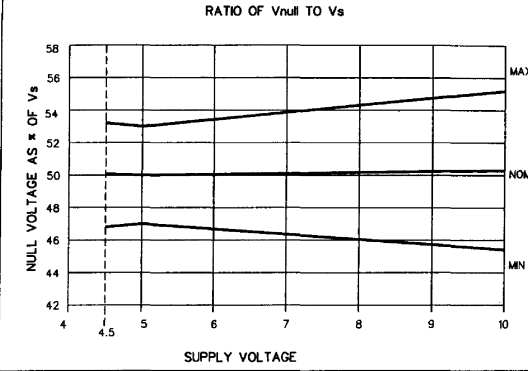
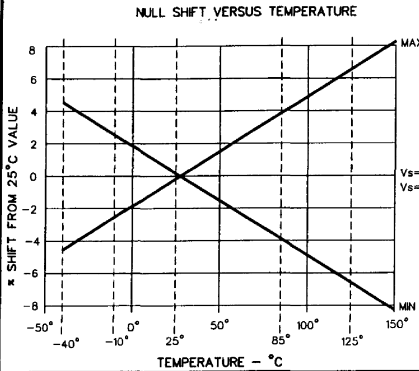
PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SENSITIVITY	$T_A = 25^{\circ}\text{C}$	2.300	2.500	2.700	mV/GAUSS
	$T_A = 25^{\circ}\text{C}$	2.350	2.50	2.650	VOLTS
NULL	$T_A = 25^{\circ}\text{C}$		7	8.7	mA
SUPPLY CURRENT	$T_A = 25^{\circ}\text{C}$				
OUTPUT CURRENT SOURCE	$V_s > 4.5$	1mA	1.5mA		
	$V_s > 4.5$		6mA	1.5mA	
SINK	$V_s > 5.0$		1mA	1.5mA	
RESPONSE TIME			3μS		
OUTPUT VOLTAGE SWING	-B APPLIED		.4	.2	VOLTS
	+B APPLIED	$V_s - .4$	$V_s - .2$		VOLTS
LIMITS FOR LINEAR OPERATION	-B MAX	-750	-840		GAUSS
	+B MAX	+750	+840		GAUSS
V_{null} DRIFT	$B = 0, T_A = 25^{\circ}\text{ TO } 125^{\circ}\text{C}$	-0.64		+0.64	% / °C
V_{null} DRIFT	$B = 0, T_A = +125^{\circ}\text{ TO } +150^{\circ}\text{C}$	-0.64		+0.64	% / °C
SENSITIVITY DRIFT	$T_A = +25^{\circ}\text{C TO } +150^{\circ}\text{C}$	-0.02		+0.08	% / °C
SENSITIVITY DRIFT	$T_A = -40^{\circ}\text{C TO } +25^{\circ}\text{C}$	-0.02		+0.08	% / °C
LINEARITY	$B = -600 \text{ TO } +600$	0	-1.0	+1.5	% OF SPAN
SUPPLY VOLTAGE	$-40^{\circ}\text{C TO } +125^{\circ}\text{C}$	4.5	5.0	10.5	VOLTS
OPERATING TEMP	SEE MAX TEMPERATURE CHART	-40		+150	°C

BLOCK DIAGRAM CURRENT SINKING OR SOURCING OUTPUT



ABSOLUTE MAXIMUM CHARACTERISTICS

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN	MAX	UNITS
SUPPLY VOLTAGE	V_{cc}		-0.5	11	V
OUTPUT VOLTAGE	V_{out}		-0.5	11	V
OUTPUT CURRENT	I_{out}	SOURCE OR SINK		10	mA
TEMPERATURE	T_A	OPERATING	-55	150	°C
	T_s	STORAGE ($V_{cc}=0$)	-55	165	°C



MICRO SWITCH
 SS496 SERIES CHART 1
 PAGE 1 OF 2
 PART NO. MS-24083 (REV. 12/93)



MASTER REDUCED
ANSI Y14.5M-1982 APPLIES

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MICRO SWITCH
 MINIATURE RATIO-METRIC
 LINEAR HALL EFFECT SENSOR

CATALOG LISTING
 SS496 SERIES CHART 1

ONE PLACE	(1)	±0.30
TWO PLACES	(0)	±0.15
THREE PLACES	(00)	±0.05
ANGLES		±2°

THIRD ANGLE PROJECTION
SCALE: NONE
DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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