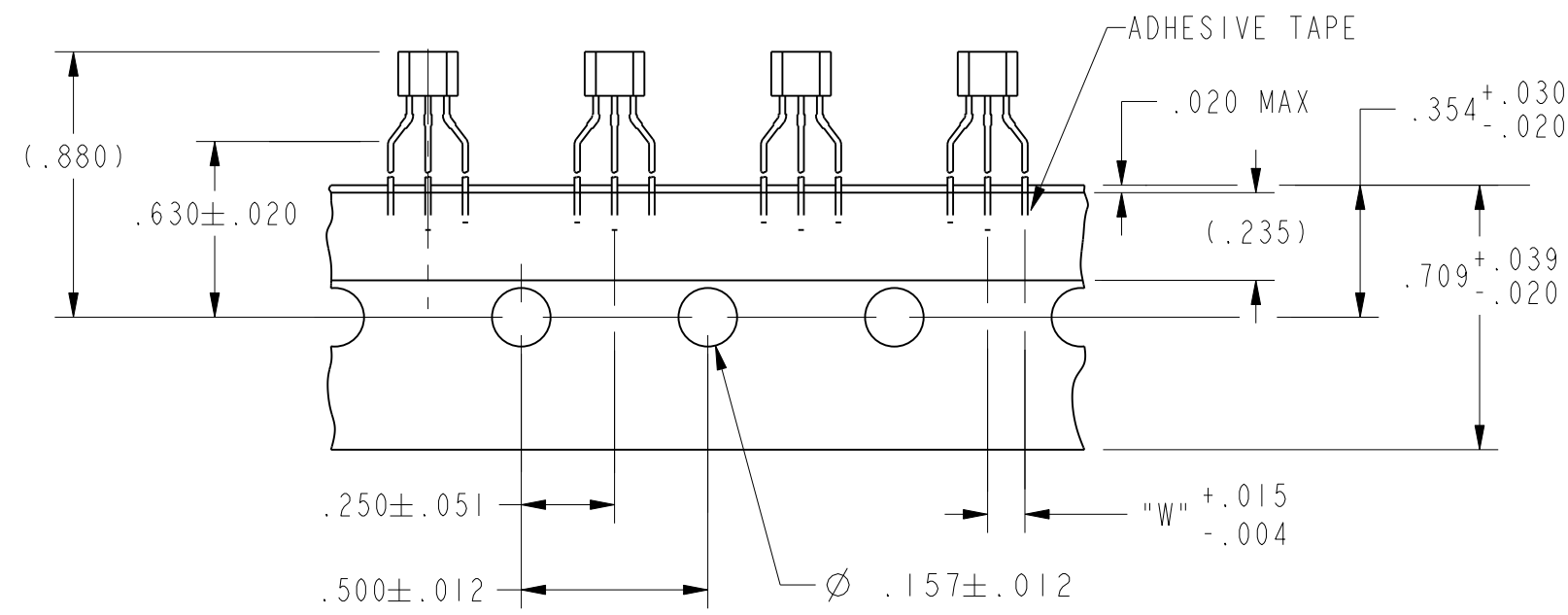
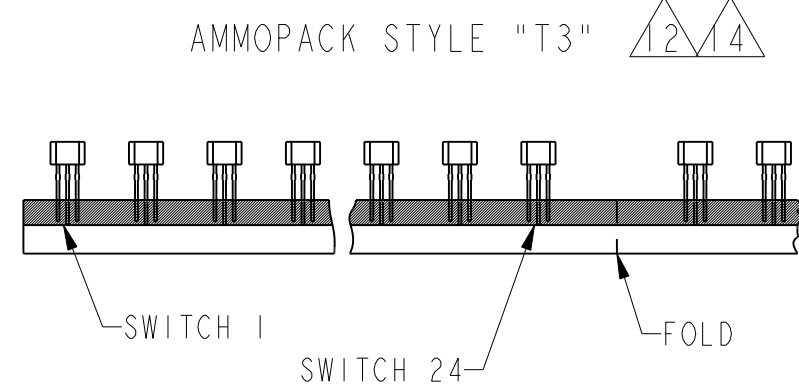
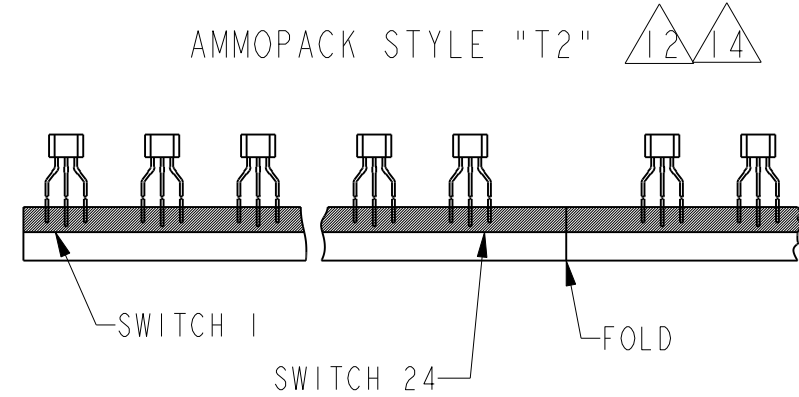


TAPE PACKING OPTIONS

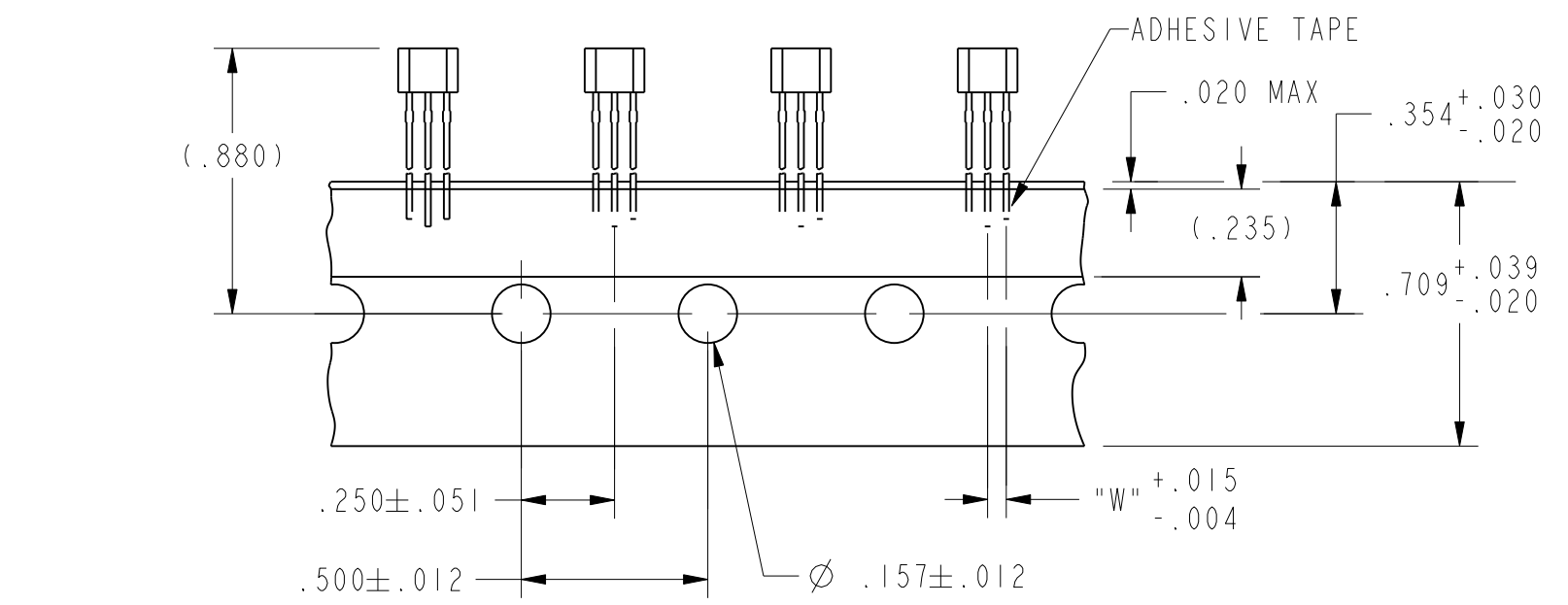


TAPE STYLE

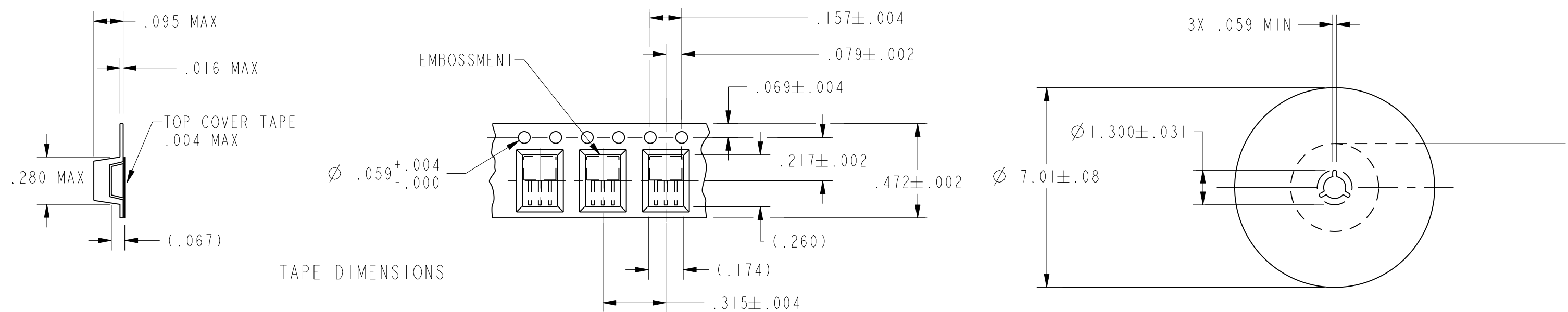


NOTES

- 1 - CENTERLINE OF HALL CELL
- 2 - THE + MAGNETIC FLUX IS IN THE DIRECTION SHOWN (THIS ASSUMES THE CONVENTION 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 - RATIO-METRIC
- 5 - LEADS MUST BE ADEQUATELY SUPPORTED DURING ANY FORMING/SHEERING OPERATION TO ASSURE THAT THE LEADS ARE NOT STRESSED WITHIN THE PLASTIC PACKAGE
- 6 - PCB WAVE SOLDERING GUIDELINES ARE AS FOLLOWS:
250°C PEAK FOR 10 S MAX OR 260° C PEAK FOR 5 S MAX.
- 7 - BURRS ARE ALLOWED ONLY IF FULL LENGTH OF LEADS WILL PASS THROUGH Ø .023 HOLE. LEAD REFERENCE DIMENSIONS DO NOT INCLUDE SOLDER THICKNESS
- 8 - DIMENSION REFERS TO THE LOCATION OF LEAD CENTERLINES AS THE EXIT THE PLASTIC PACKAGE
- 9 - SOME COMBINATIONS OF BASIC LISTING AND PACKAGE OPTIONS MAY NOT BE AVAILABLE
- 10 - ABSOLUTE MAXIMUM RATINGS ARE THE EXTREME LIMITS THE DEVICE WILL MOMENTARILY WITHSTAND WITHOUT DAMAGE TO THE DEVICE. ELECTRICAL AND MAGNETIC CHARACTERISTICS ARE NOT GUARANTEED IF THE RATED VOLTAGE AND/OR CURRENTS ARE EXCEEDED NOR WILL THE DEVICE NECESSARILY OPERATE AT ABSOLUTE MAXIMUM RATINGS
- 11 - LEAD STRAIGHTNESS MAY BE DETERIORATED ON SOME UNITS BY BULK PACKAGING. APPLICATIONS HAVING A CRITICAL LEAD STRAIGHTNESS REQUIREMENT SHOULD USE A TAPE PACKAGING OPTION
- 12 - AMMOPACK STYLE "T2" & "T3". 24 SWITCHES BETWEEN FOLDS, SKIP 1 SPACE AT FOLD. MAY BE REFERRED TO AS "FAN FOLD"
- 13 - MOLDED PART DIMENSIONS DO NOT INCLUDE FLASH. FLASH IS LIMITED TO .005 MAX
- 14 - TAPE AND AMMOPACK PER EIA-468
- 15 - POCKET TAPE PER EIA-481



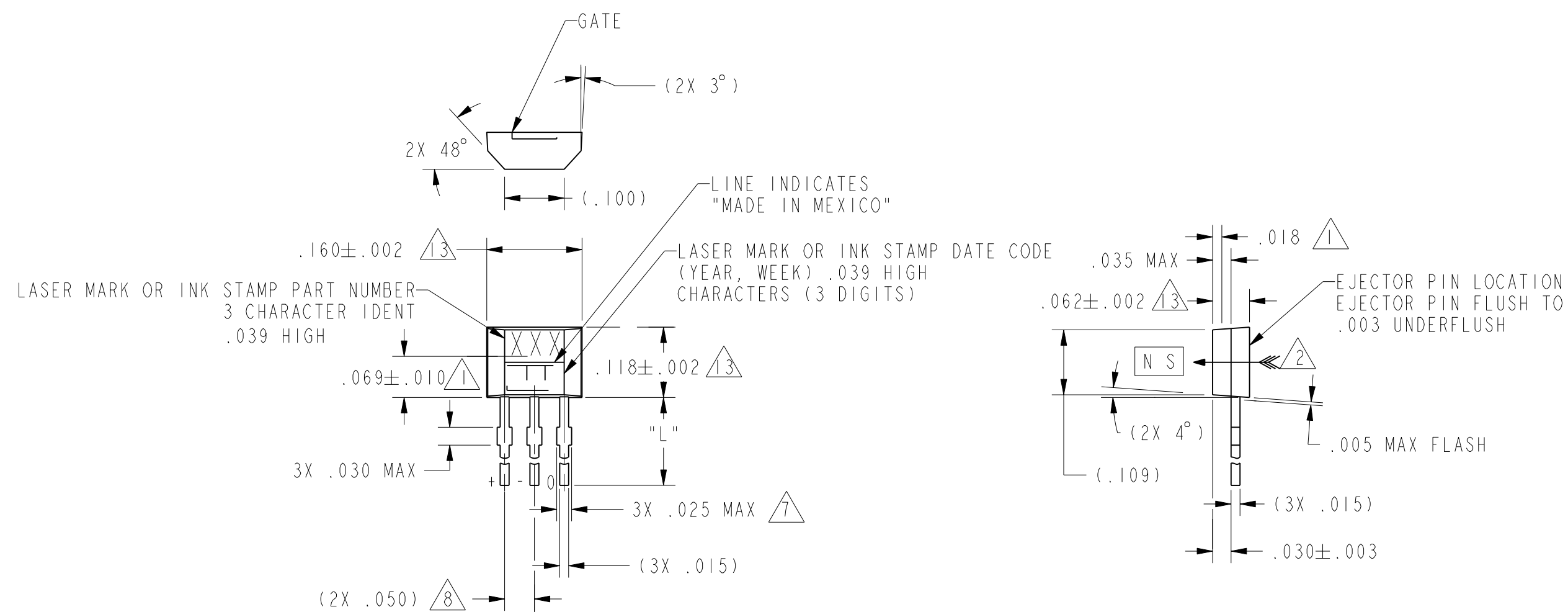
TAPE DIMENSIONS



TAPE DIMENSIONS

TAPE STYLE "P"

DIRECTION OF FEED FROM REEL



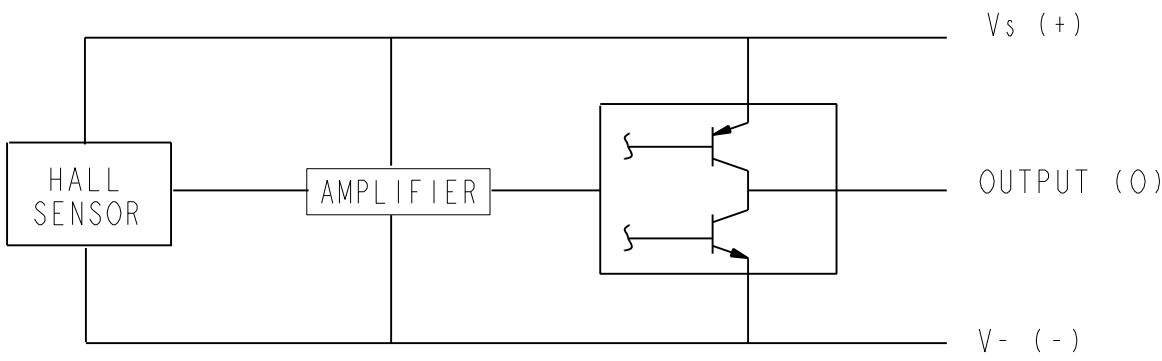
CHARACTERISTICS ARE AT Vs=5.00 WITH 4.7K OUTPUT TO MINUS WITH TA= -40°C TO +125°C UNLESS OTHERWISE SPECIFIED

SS495A

SS495 SERIES CHART 1

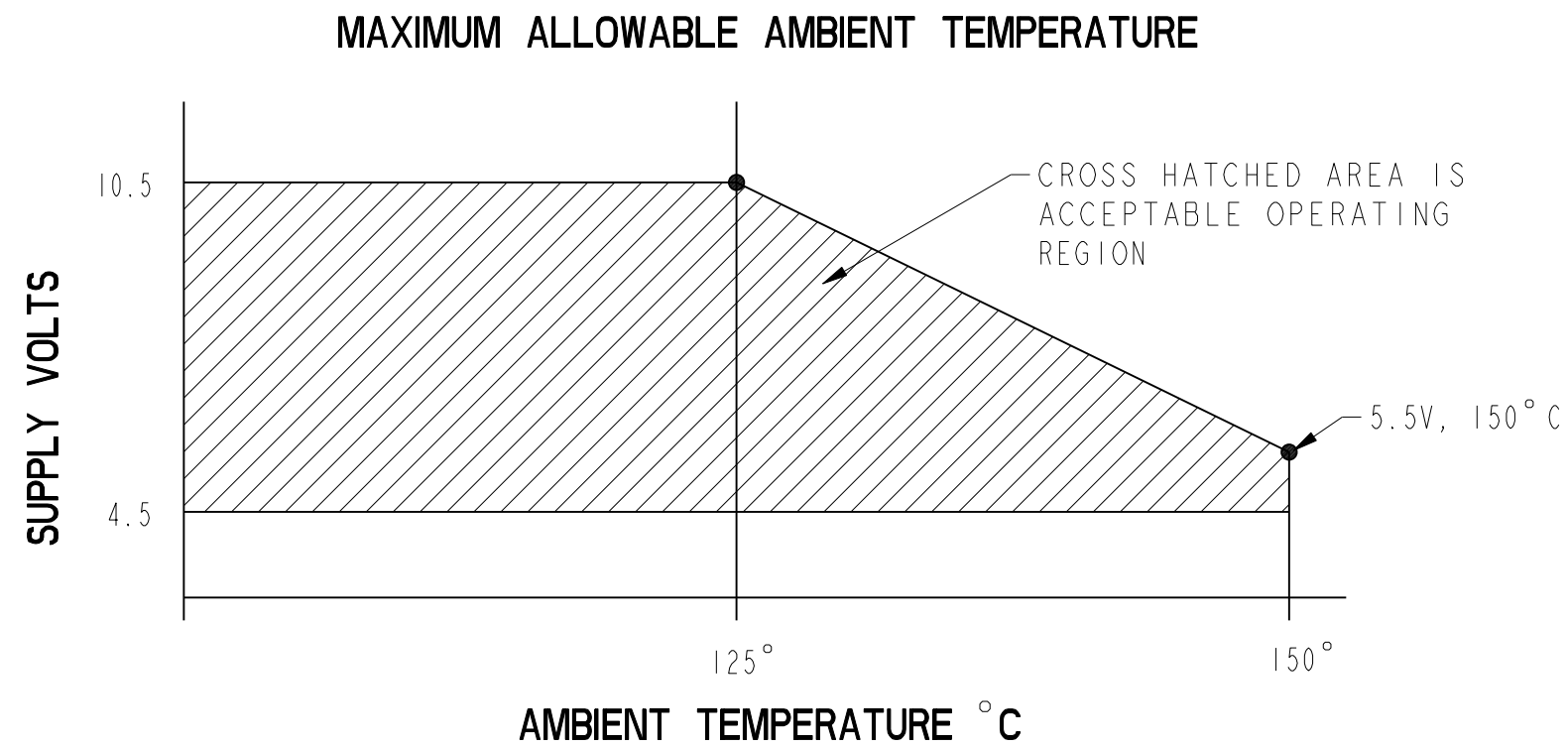
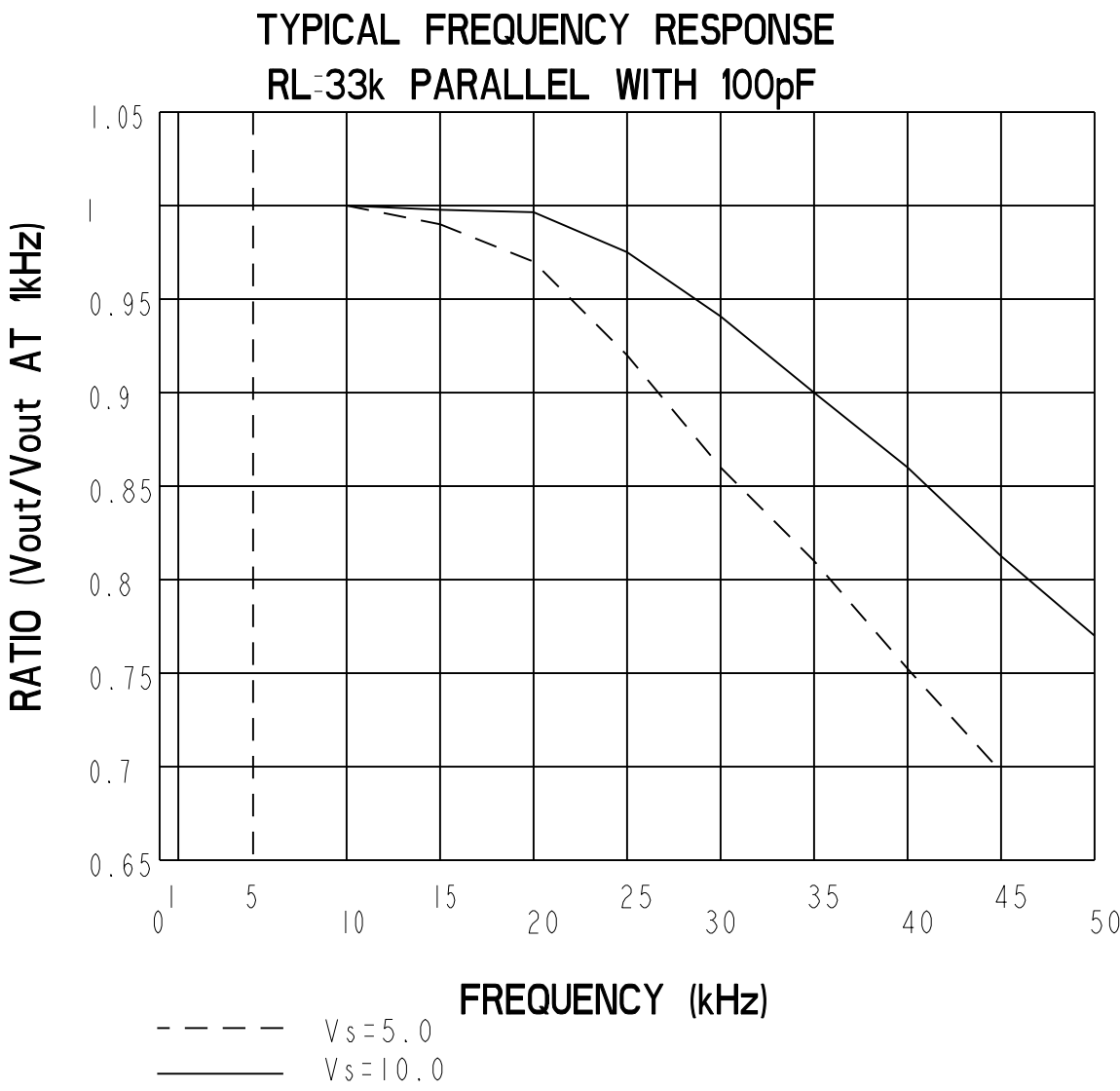
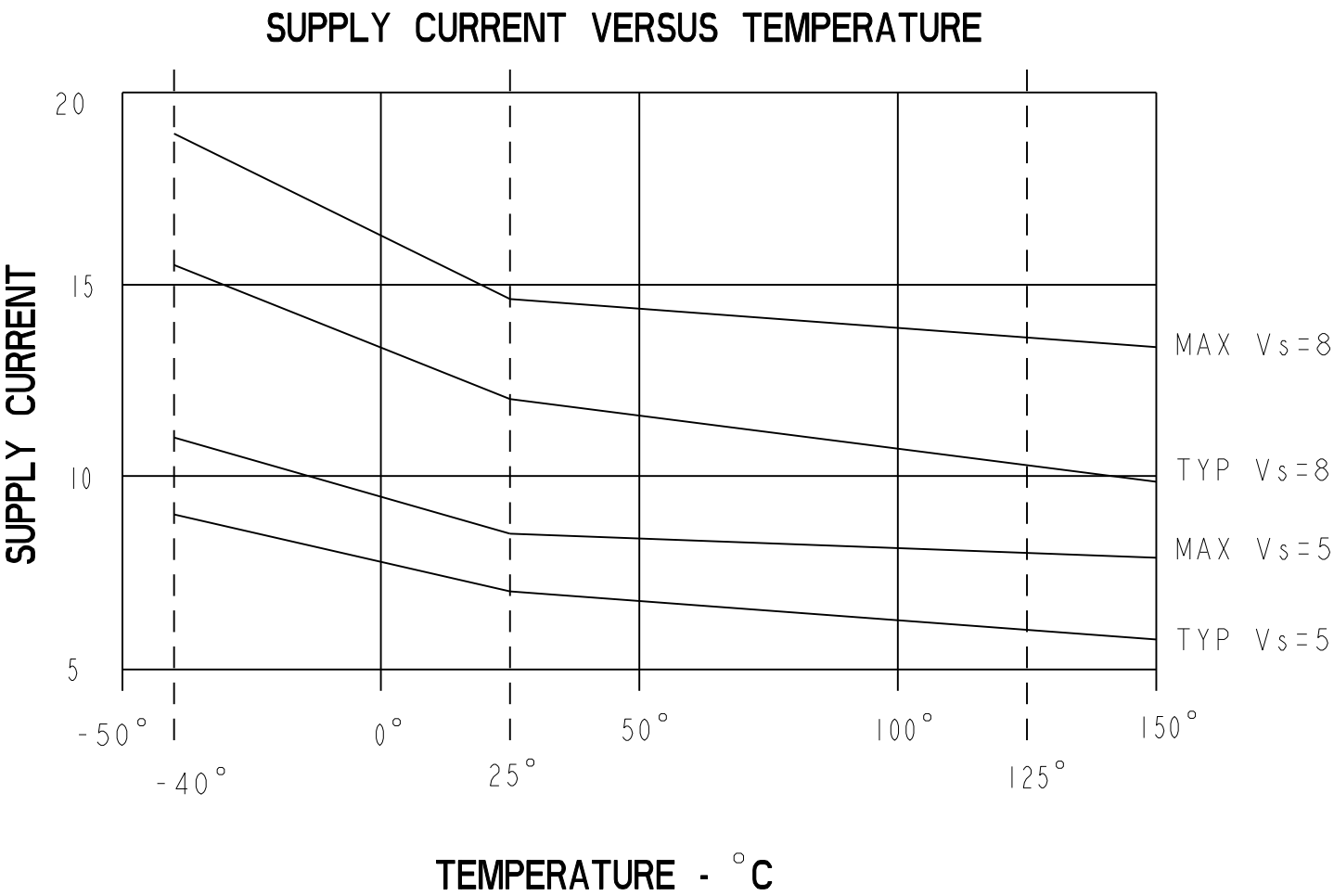
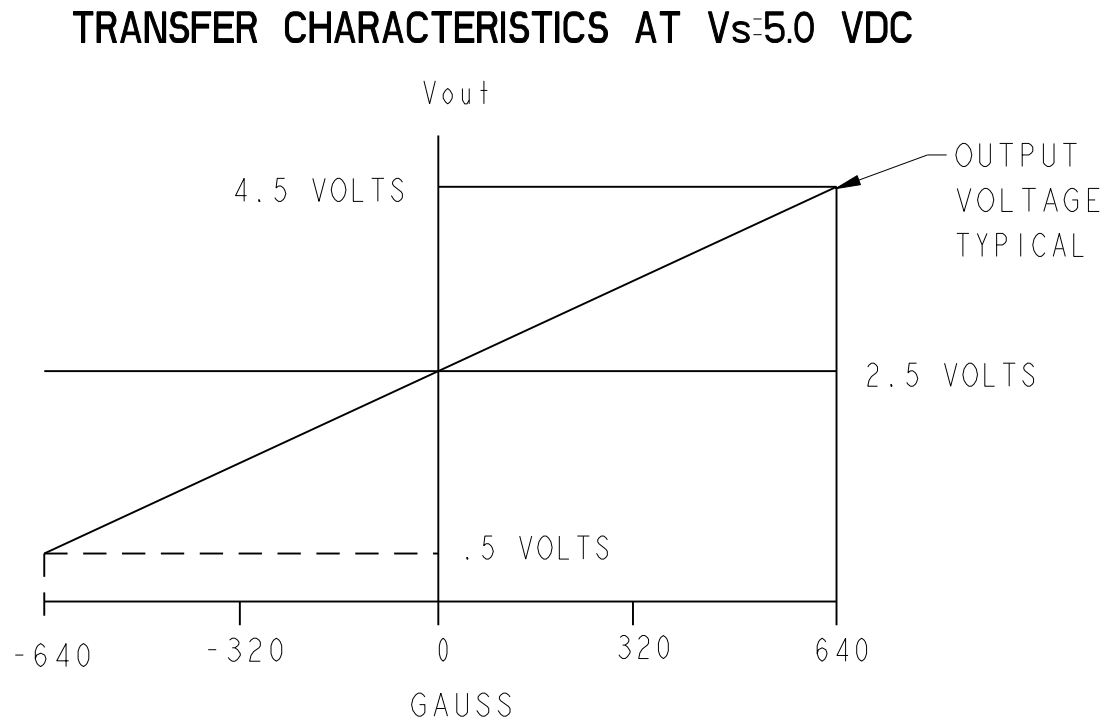
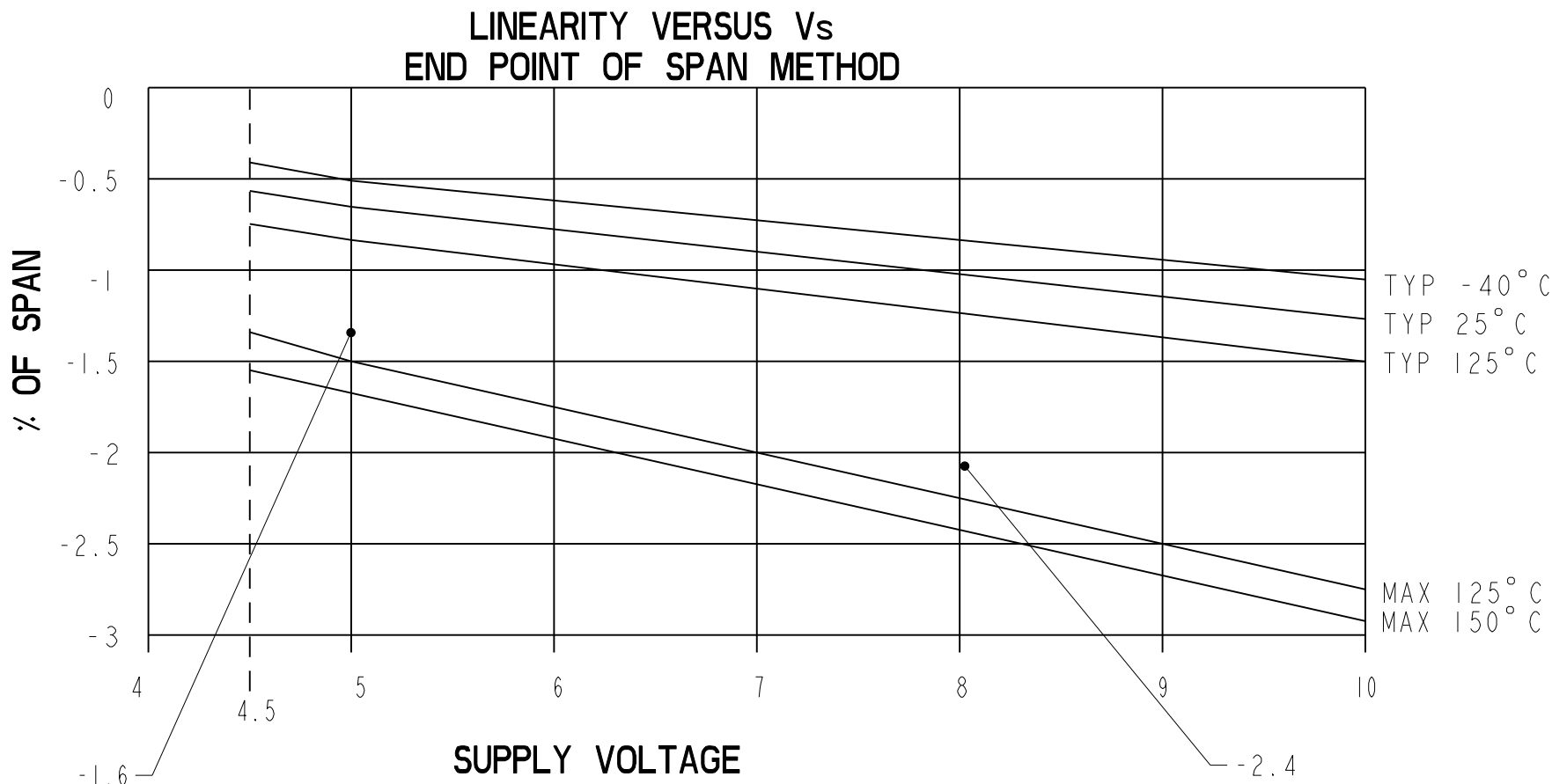
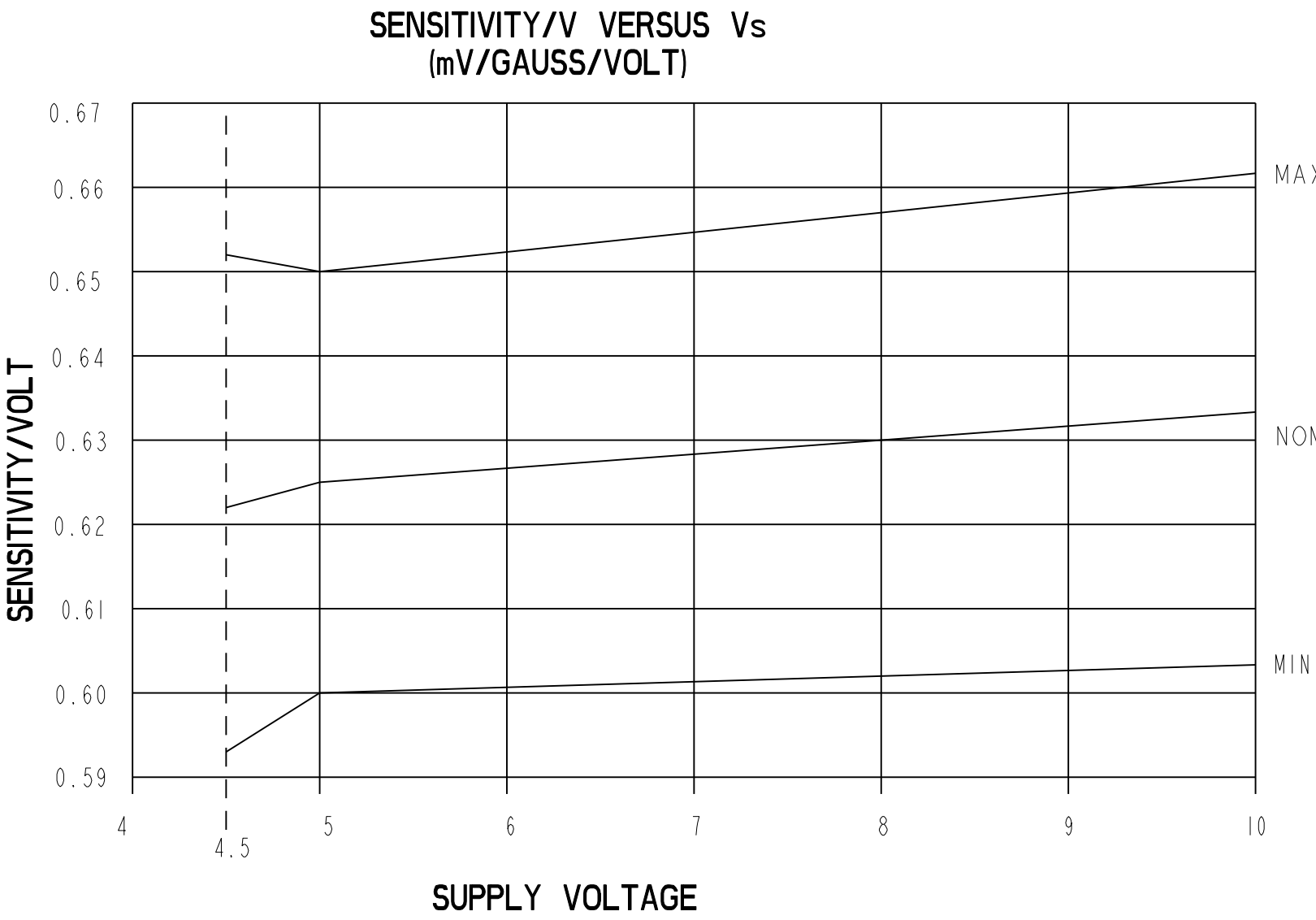
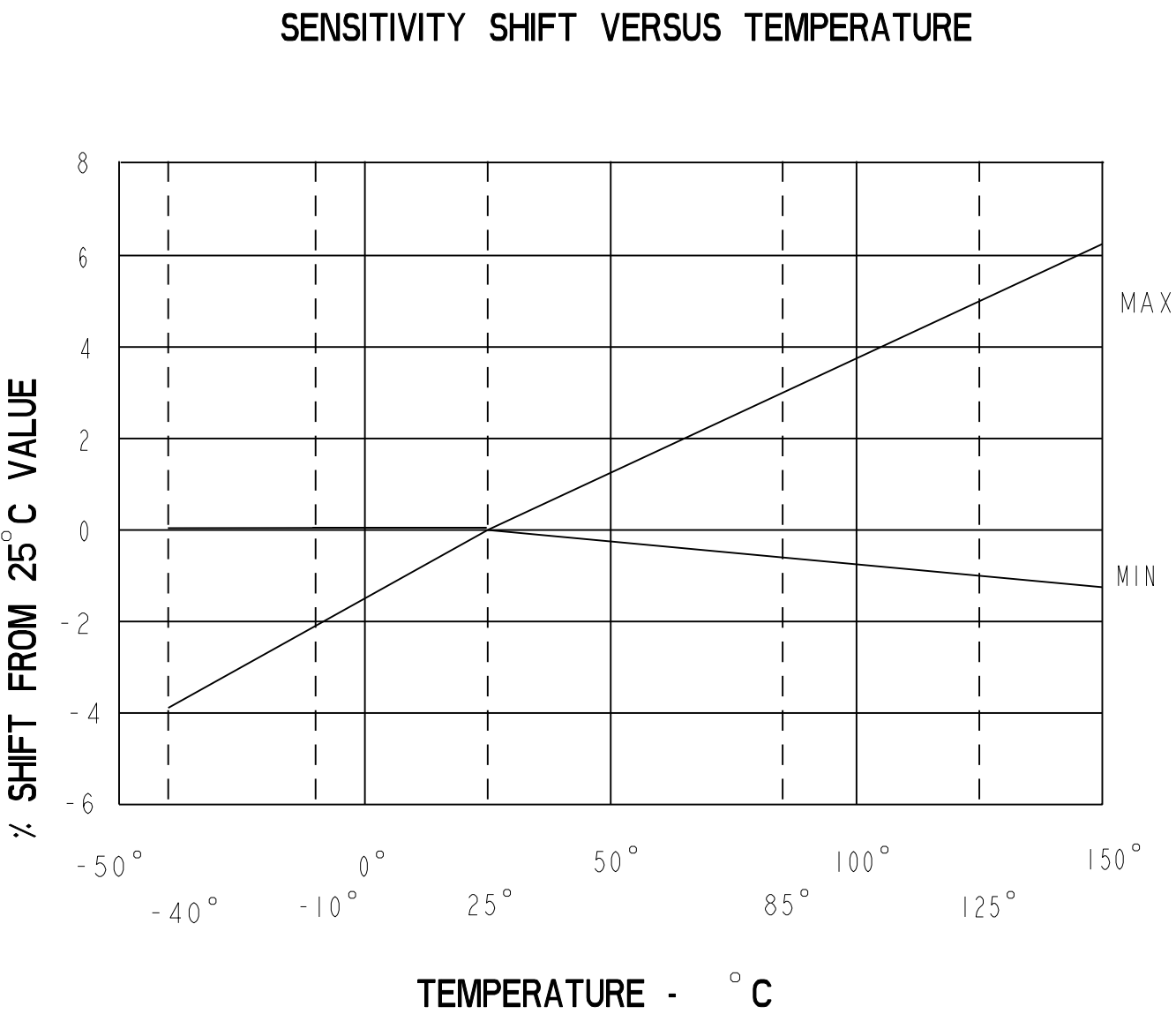
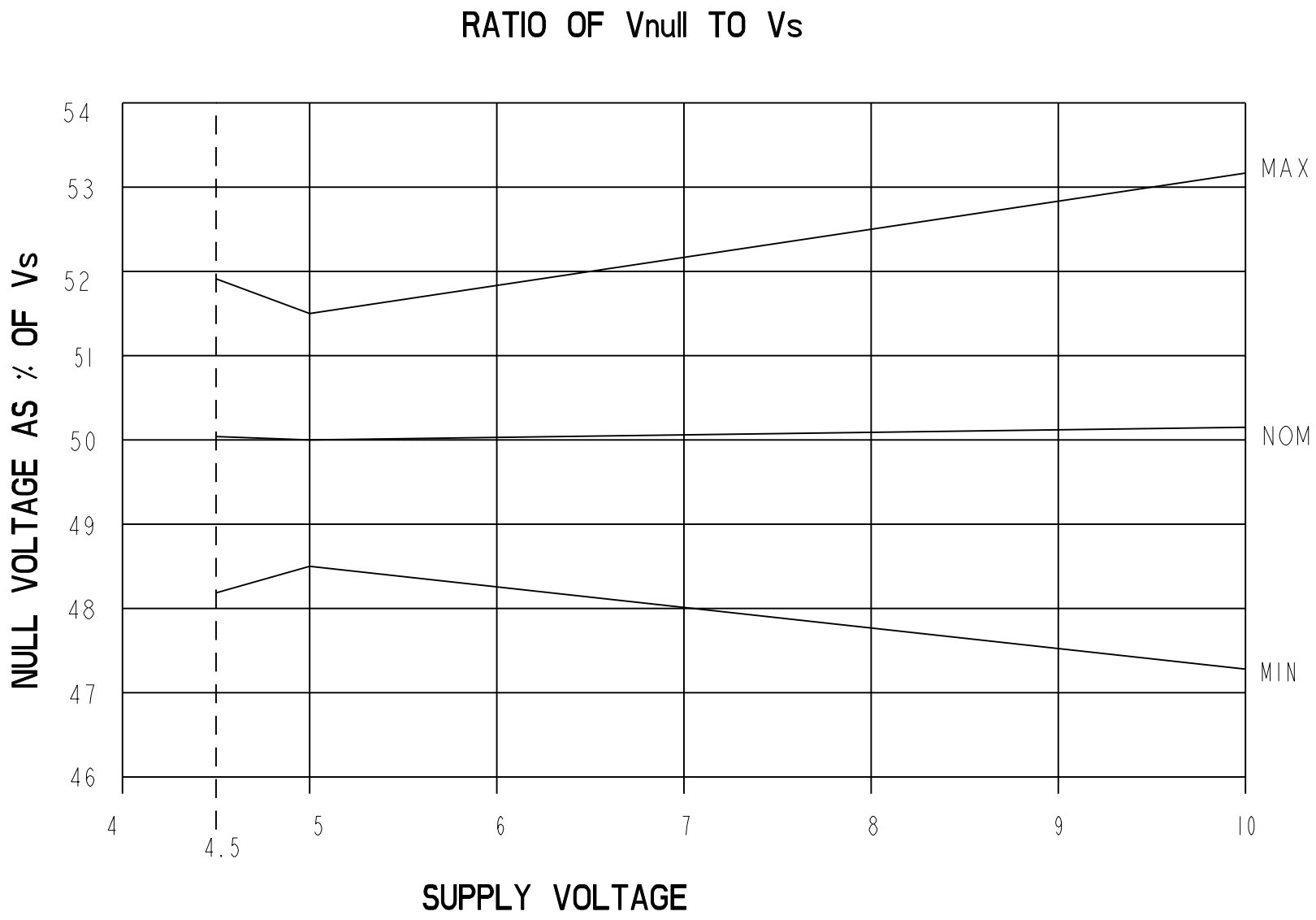
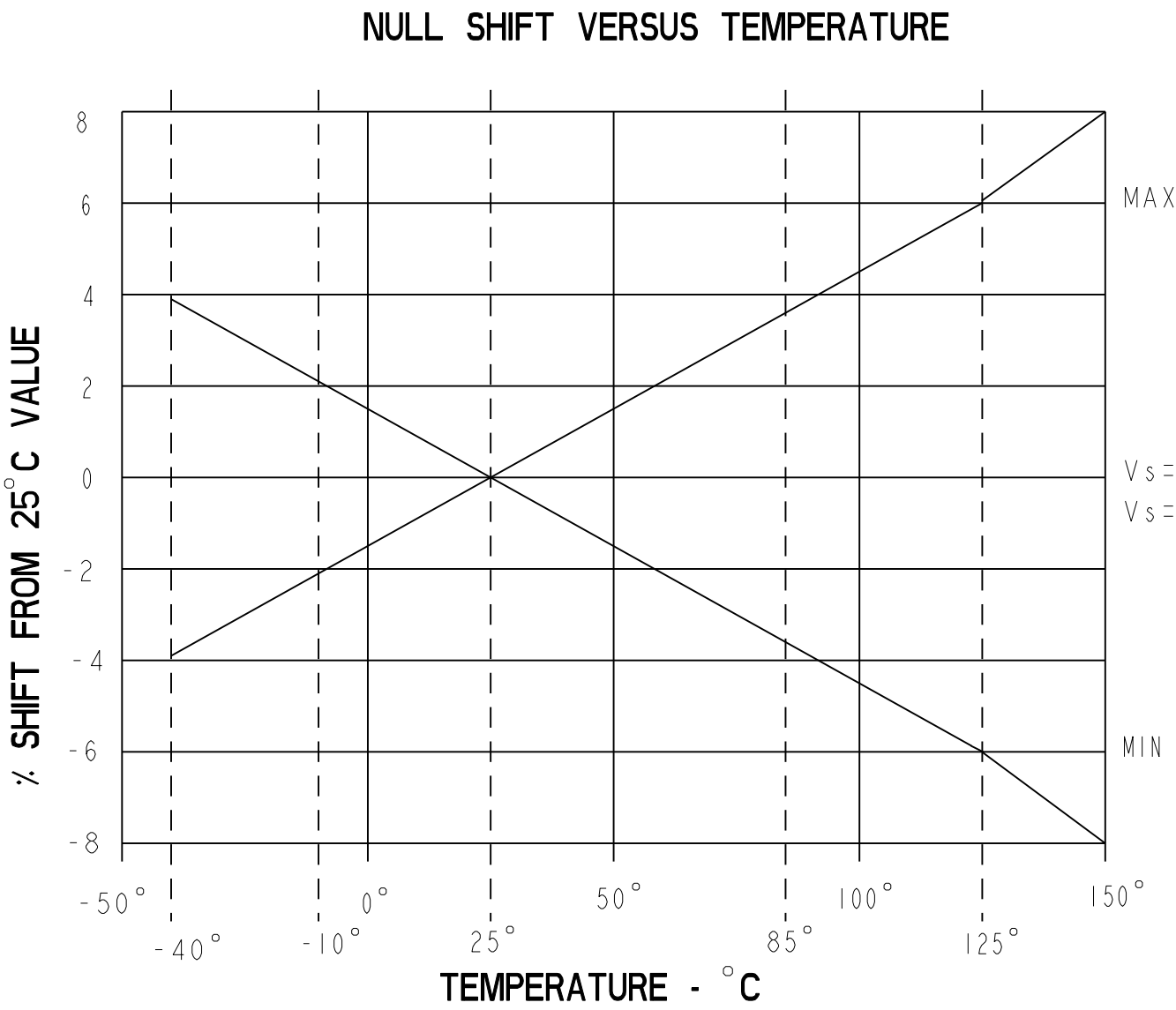
PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SENSITIVITY	TA = 25°C	3.00	3.125	3.25	mV/GAUSS
NULL	TA = 25°C	2.425	2.50	2.575	VOLTS
SUPPLY CURRENT	TA = 25°C		7	8.7	mA
OUTPUT CURRENT SOURCE SINK	Vs > 4.5	1mA	1.5mA		
	Vs > 4.5	.6mA	1.5mA		
	Vs > 5.0	1mA	1.5mA		
RESPONSE TIME			3μS		
OUTPUT VOLTAGE SWING VOM - VOM +	-B APPLIED	.4	.2		VOLTS
	+B APPLIED	Vs - .4	Vs - .2		VOLTS
B LIMITS FOR LINEAR OPERATION	-B MAX	-600	-670		GAUSS
	+B MAX	+600	+670		GAUSS
Vnull DRIFT	B = 0, TA = 25°C TO 125°C	-.06		+.06	% / °C
Vnull DRIFT	B = 0, TA = -125°C TO +150°C	-.08		+.08	% / °C
SENSITIVITY DRIFT	TA=+25°C TO +150°C	-.01		+.05	% / °C
SENSITIVITY DRIFT	TA=-40°C TO +25°C	0		+.06	% / °C
LINEARITY	B = -600 TO +600	0	-1.0	-1.5	% OF SPAN
SUPPLY VOLTAGE	-40°C TO +125°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	Vcc		-0.5	11	V
OUTPUT VOLTAGE	Vout		-0.5	11	V
OUTPUT CURRENT	Iout	SOURCE OR SINK		10	mA
TEMPERATURE	TA	OPERATING	-55	150	°C
	TS	STORAGE (Vcc=0)	-55	165	°C



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MICRO SWITCH
a Honeywell Division

**MINIATURE RATIONETRIC
LINEAR HALL EFFECT SENSOR**

SS495 SERIES CHART 1

THIRD ANGLE PROJECTION	
SCALE	NONE
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	(.0) +.030
TWO PLACE	(.00) +.015
THREE PLACE	(.000) +.005
ANGLES	+2°
WEIGHT	

THIRD ANGLE PROJECTION	
	
SCALE	NONE
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	(.0) +.030
TWO PLACE	(.00) +.015
THREE PLACE	(.000) +.005
ANGLES	+2°
WEIGHT	

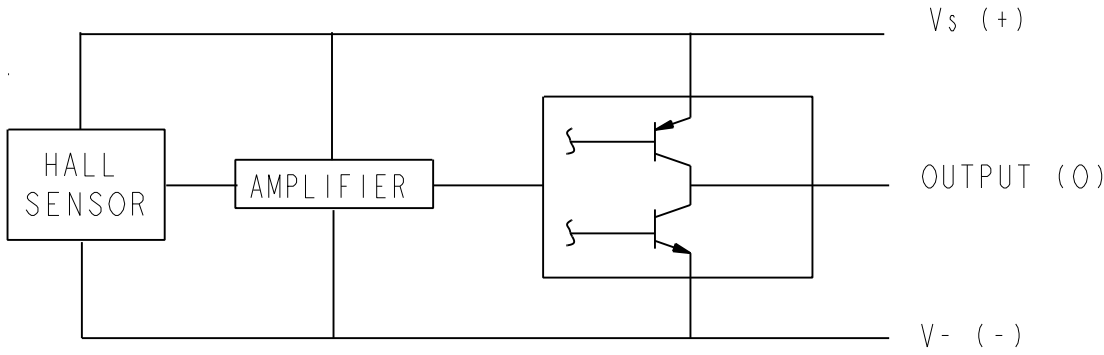
CHARACTERISTICS ARE AT Vs=5.00 WITH 4.7K OUTPUT TO MINUS WITH TA: -40°C TO +125°C UNLESS OTHERWISE SPECIFIED

SS495A2

SS495 SERIES CHART 1

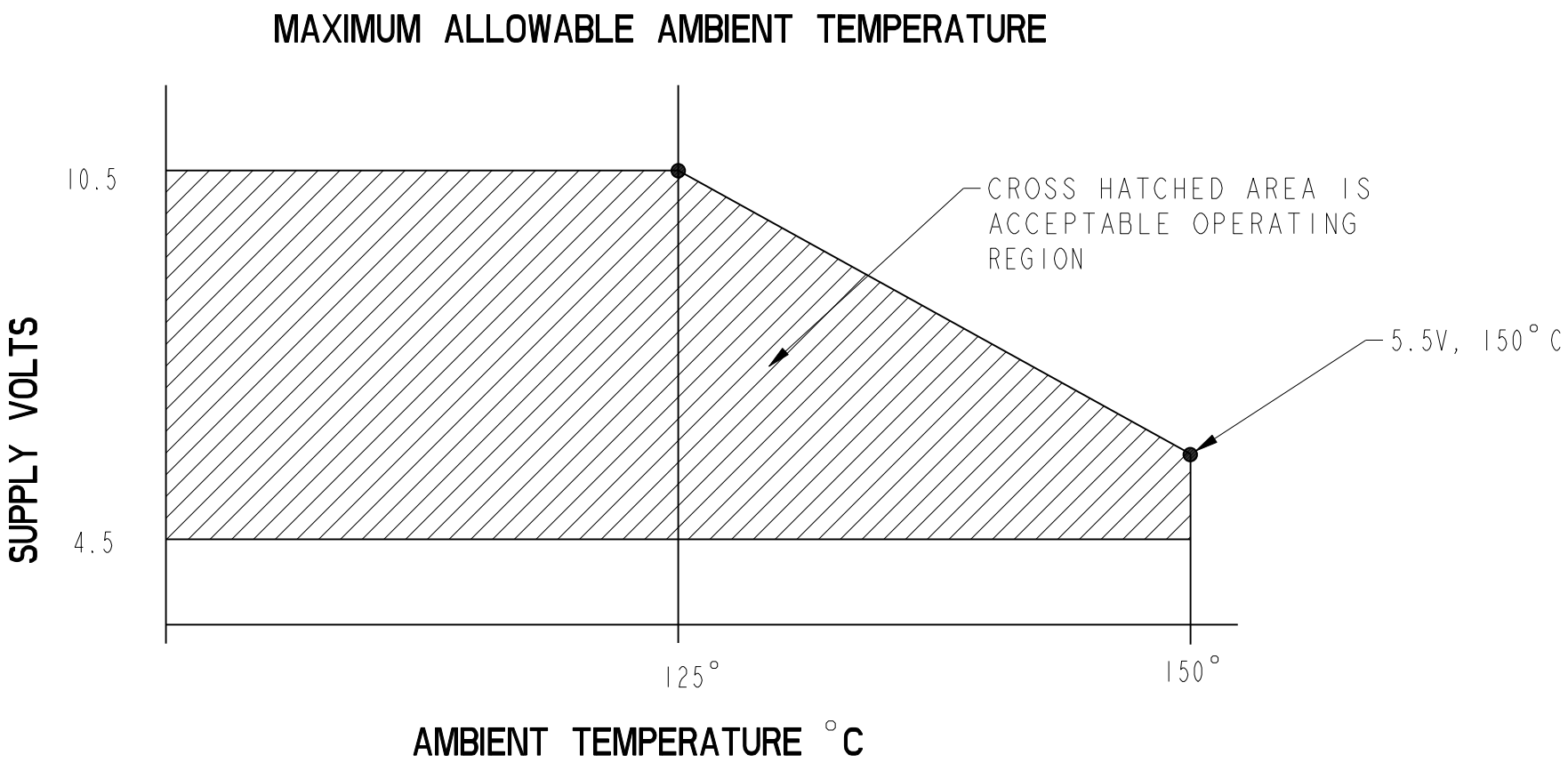
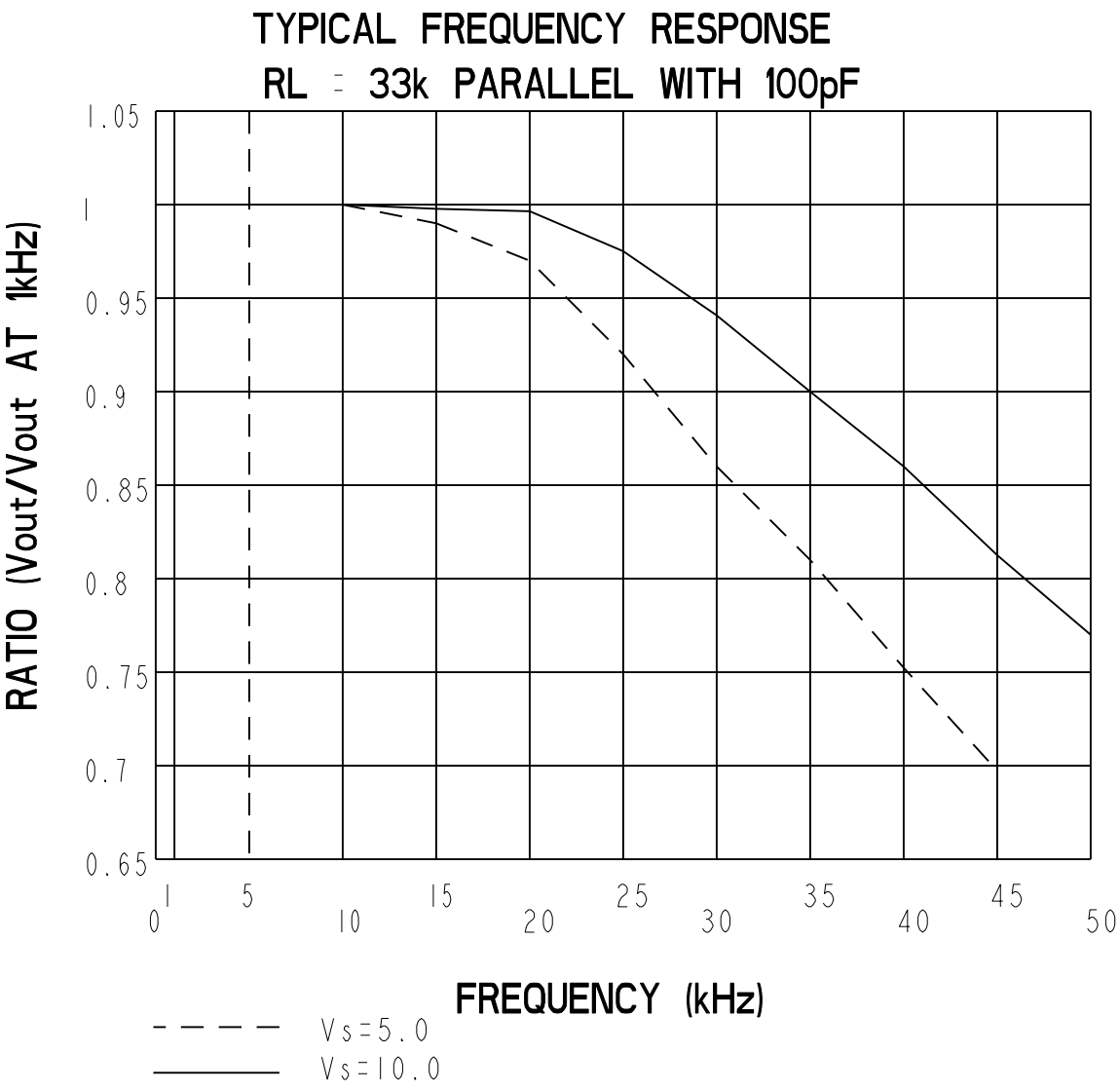
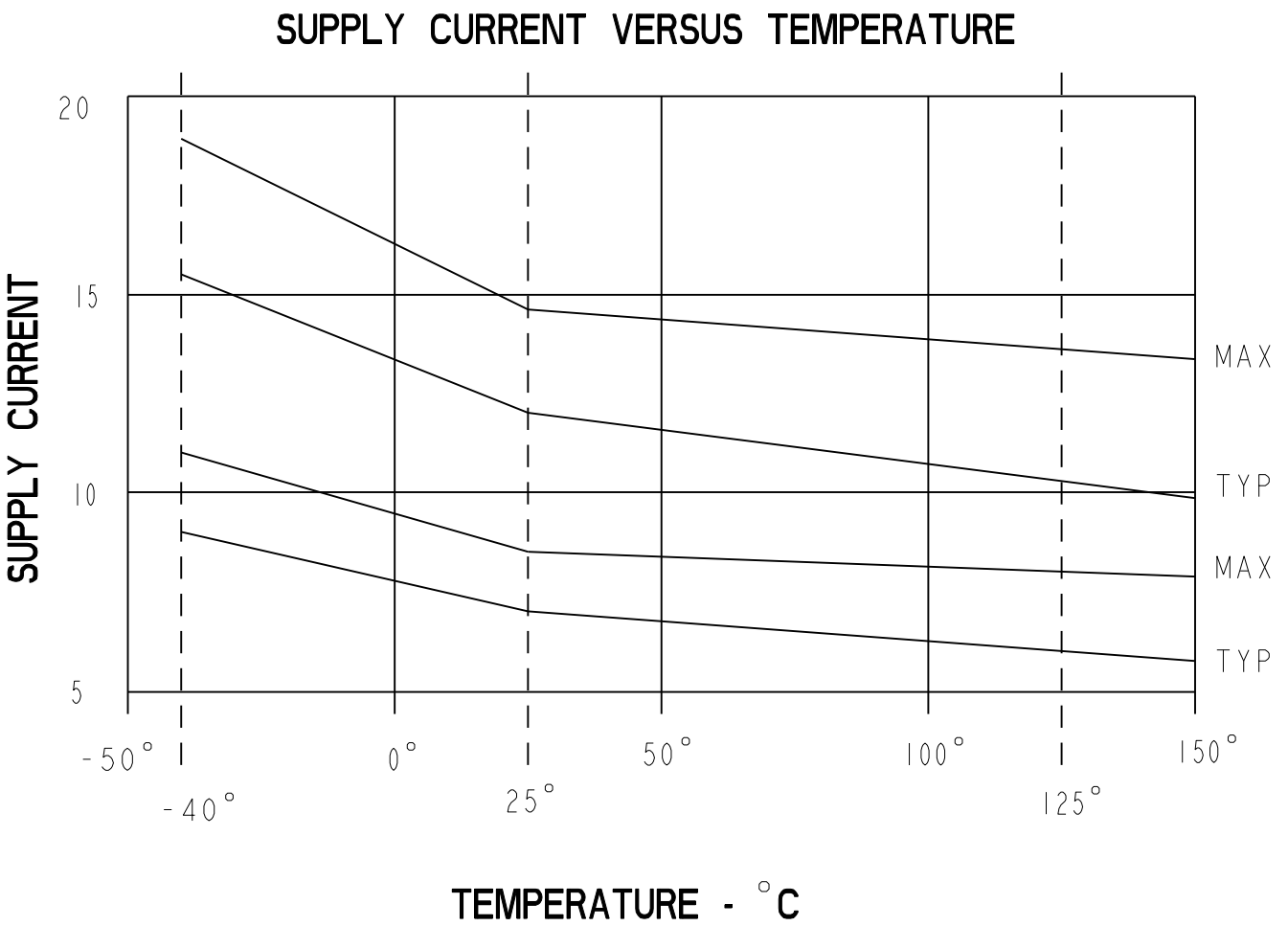
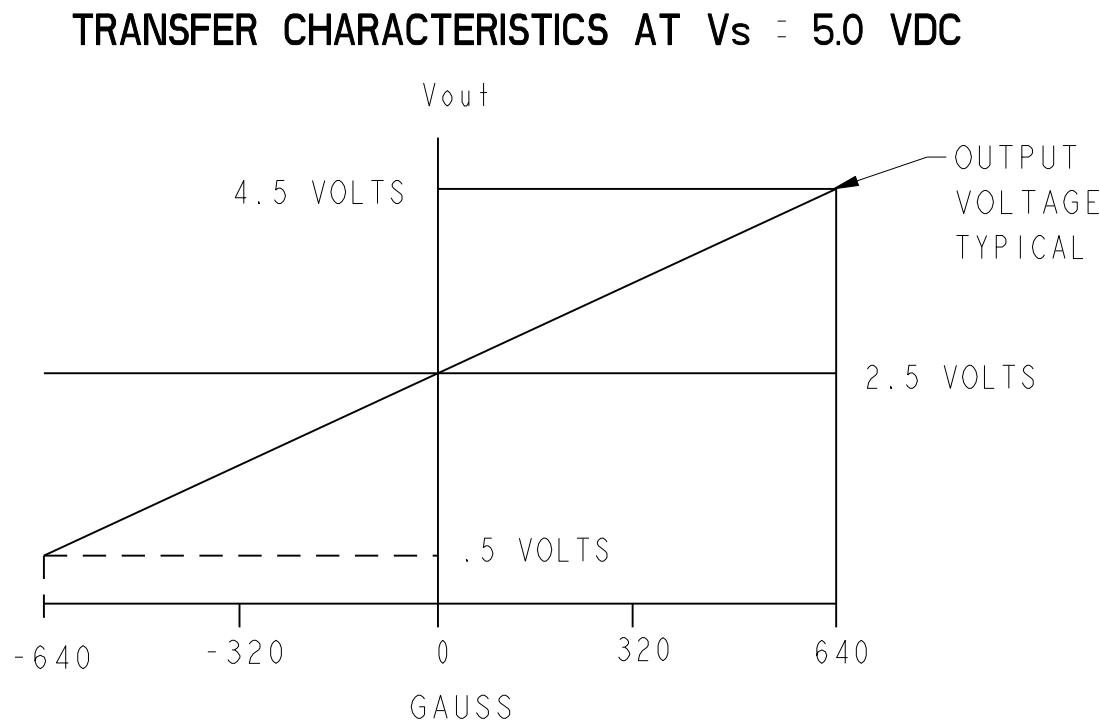
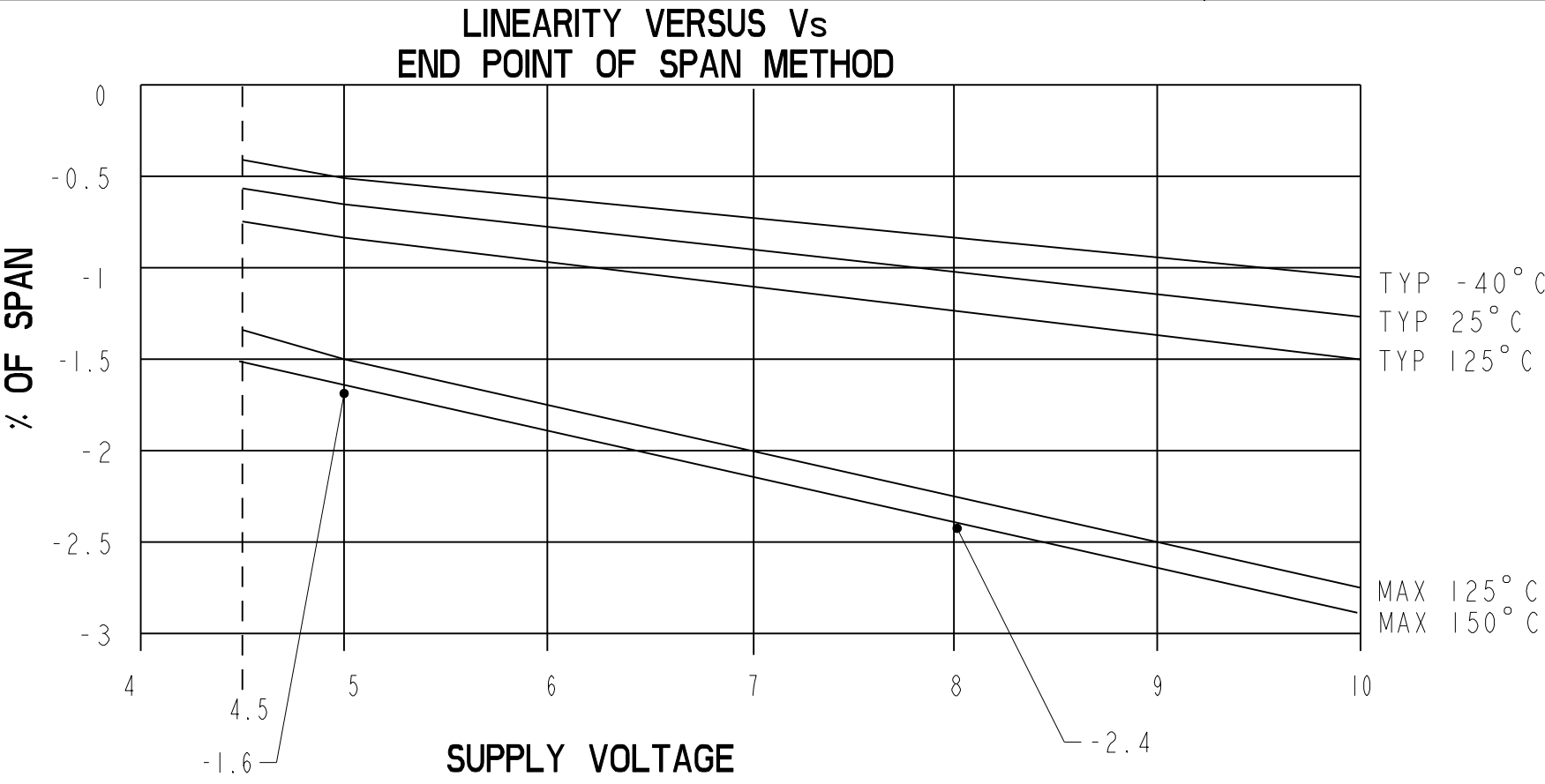
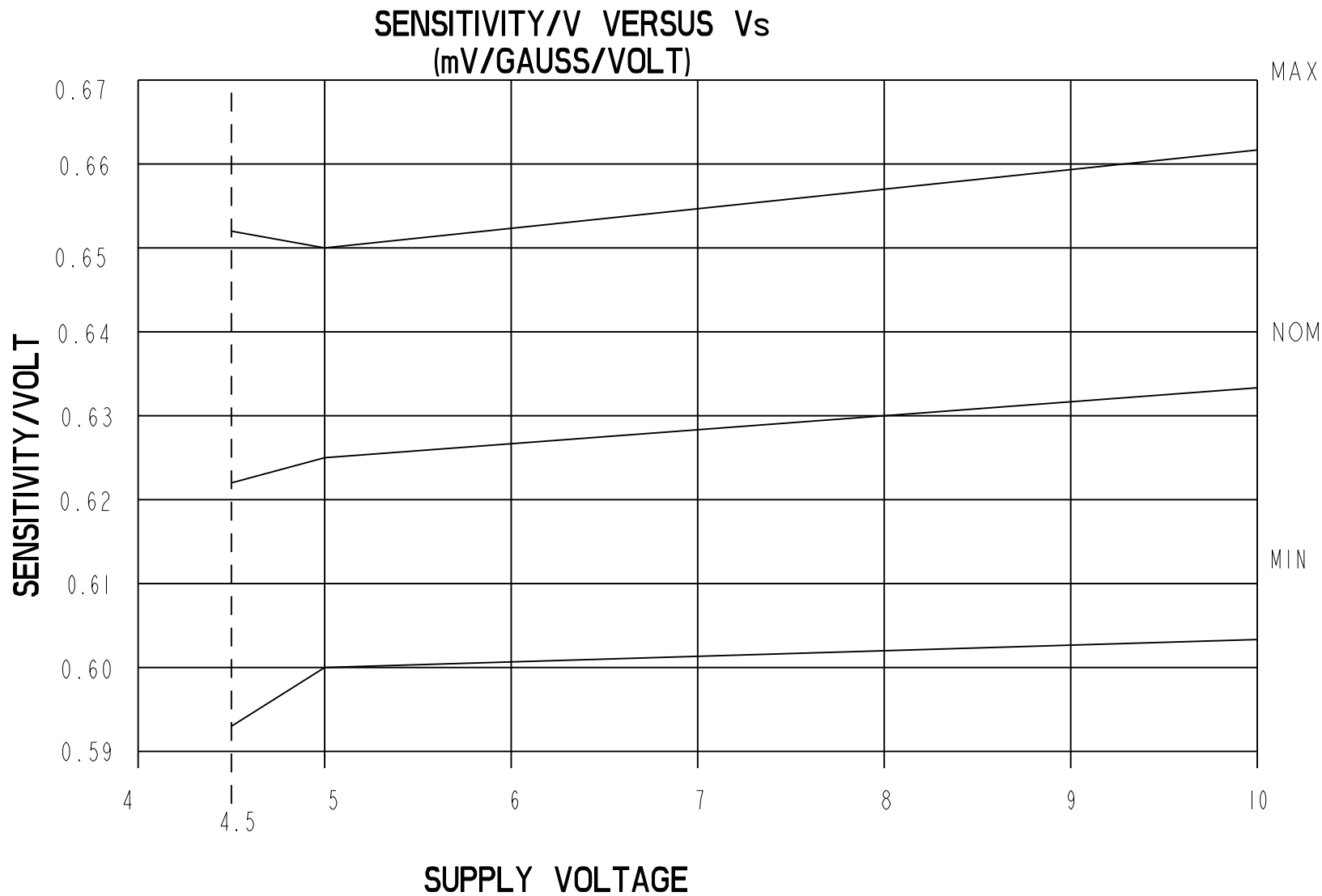
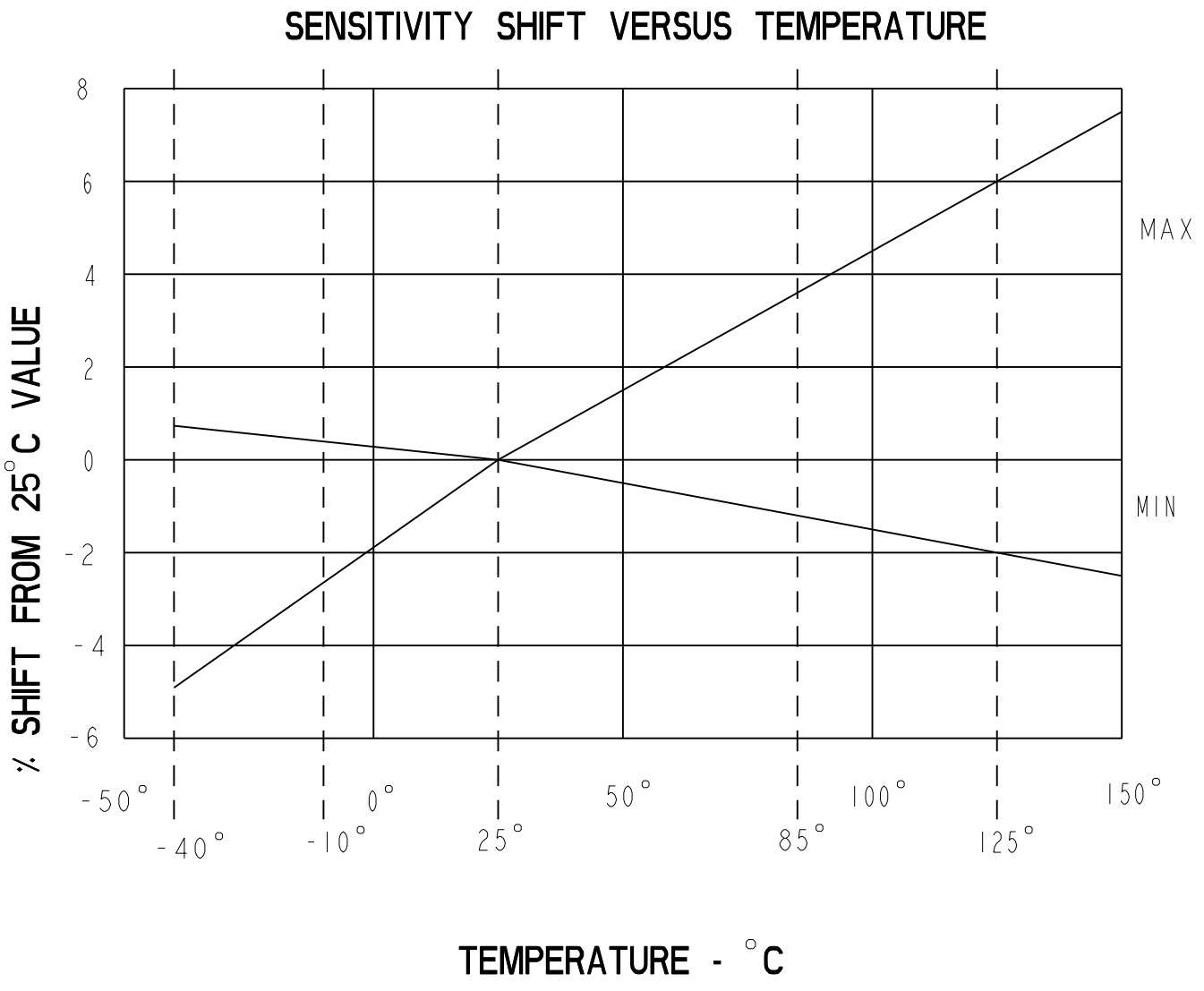
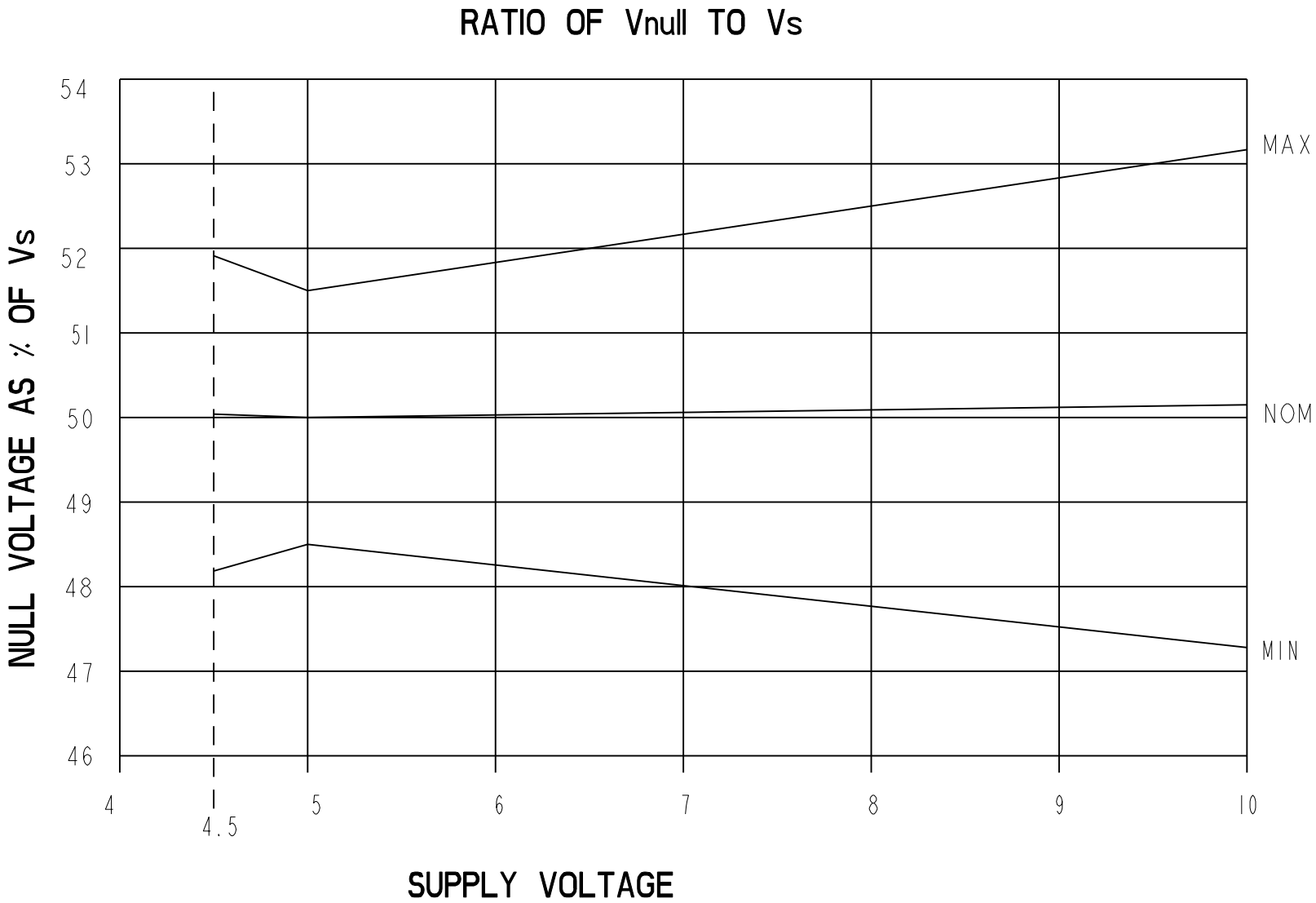
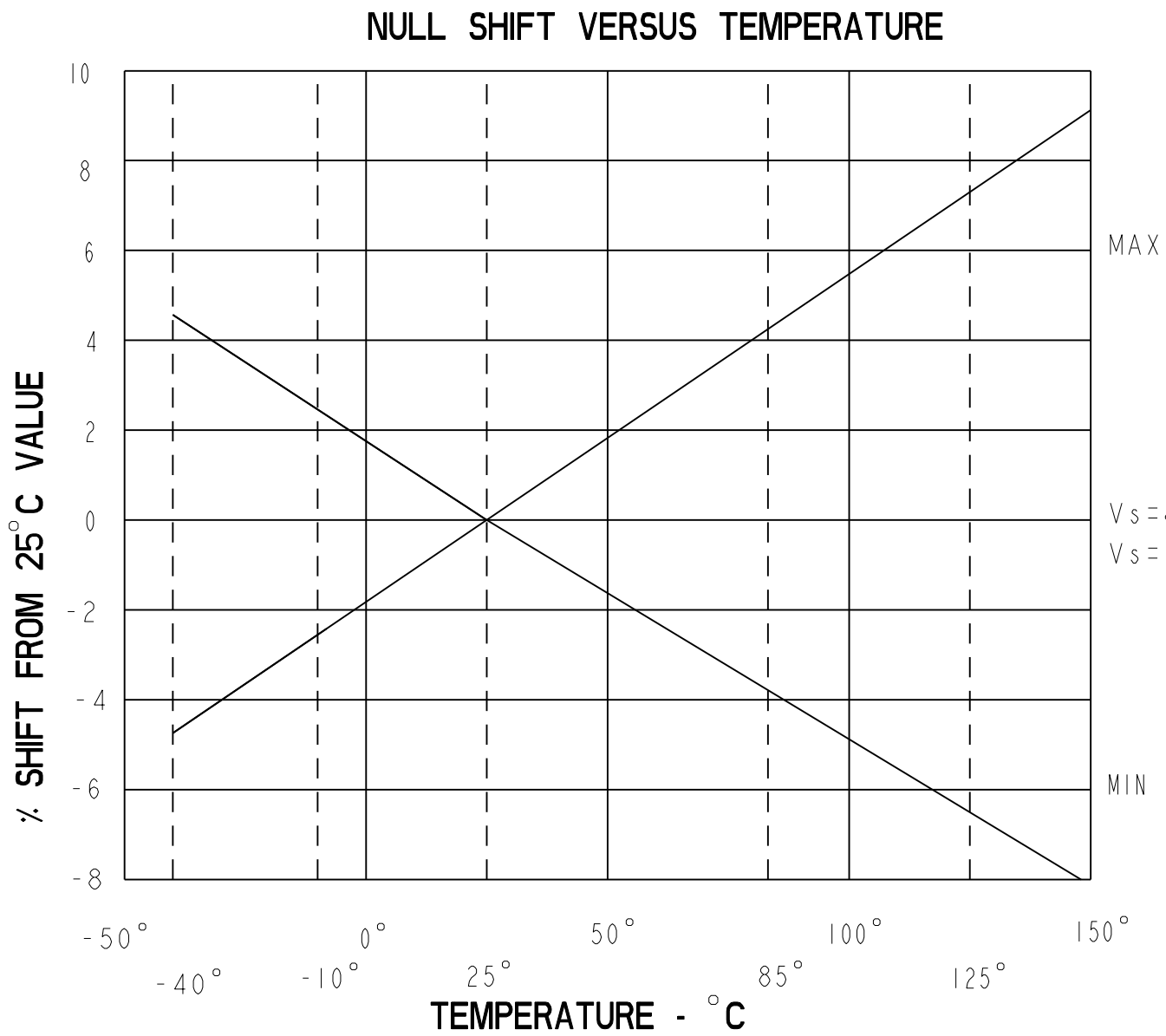
PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SENSITIVITY	TA = 25° C	2.969	3.125	3.281	mV/GAUSS
NULL	TA = 25° C	2.400	2.50	2.600	VOLTS
SUPPLY CURRENT	TA = 25° C		7	8.7	mA
OUTPUT CURRENT SINK SINK	Vs > 4.5	1mA	1.5mA		
	Vs > 4.5	.6mA	1.5mA		
	Vs > 5.0	1mA	1.5mA		
RESPONSE TIME			3μS		
OUTPUT VOLTAGE SWING VOM - VOM +	-B APPLIED	.4	.2		VOLTS
	+B APPLIED	Vs -.4	Vs -.2		VOLTS
B LIMITS FOR LINEAR OPERATION	-B MAX	-600	-670		GAUSS
	+B MAX	+600	+670		GAUSS
Vnull DRIFT	B = 0, TA = 25° C TO 125° C	-.07		+.07	% /° C
Vnull DRIFT	B = 0, TA = +125° C TO +150° C	-.08		+.08	% /° C
SENSITIVITY DRIFT	TA=+25° C TO +150° C	-.02		+.06	% /° C
SENSITIVITY DRIFT	TA=-40° C TO +25° C	-.01		+.07	% /° C
LINEARITY	B = -600 TO +600	0	-1.0	-1.5	% OF SPAN
SUPPLY VOLTAGE	-40° C TO +125° 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	Vcc		-0.5	11	V
OUTPUT VOLTAGE	Vout		-0.5	11	V
OUTPUT CURRENT	Iout	SOURCE OR SINK	10		mA
TEMPERATURE	TA	OPERATING	-55	150	°C
	TS	STORAGE (Vcc=0)	-55	165	°C



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MICRO SWITCH
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CATALOG LISTING

SS495 SERIES CHART 1

MINIATURE RATIONETRIC
LINEAR HALL EFFECT SENSOR

THIRD ANGLE PROJECTION	
SCALE	NONE
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	(.0) +.030
TWO PLACE	(.00) +.015
THREE PLACE	(.000) +.005
ANGLES	+2°
WEIGHT	

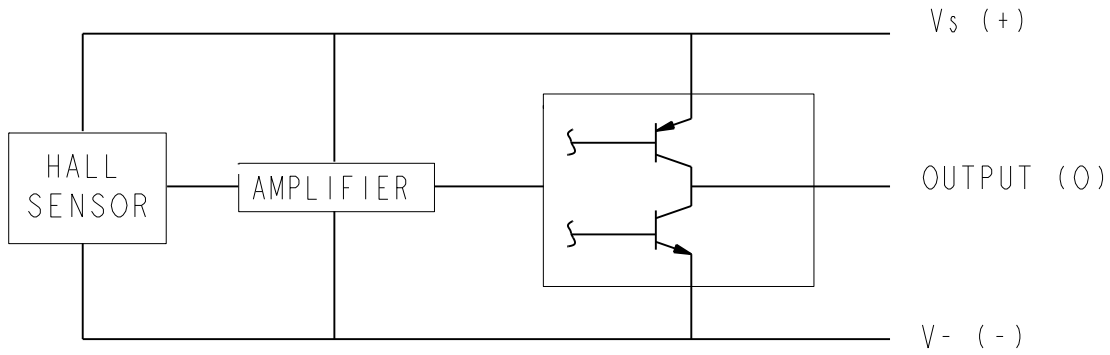
CHARACTERISTICS ARE AT Vs=5.00 WITH 4.7K OUTPUT TO MINUS WITH TA -40°C TO +125°C UNLESS OTHERWISE SPECIFIED

SS495B

SS495 SERIES CHART 1

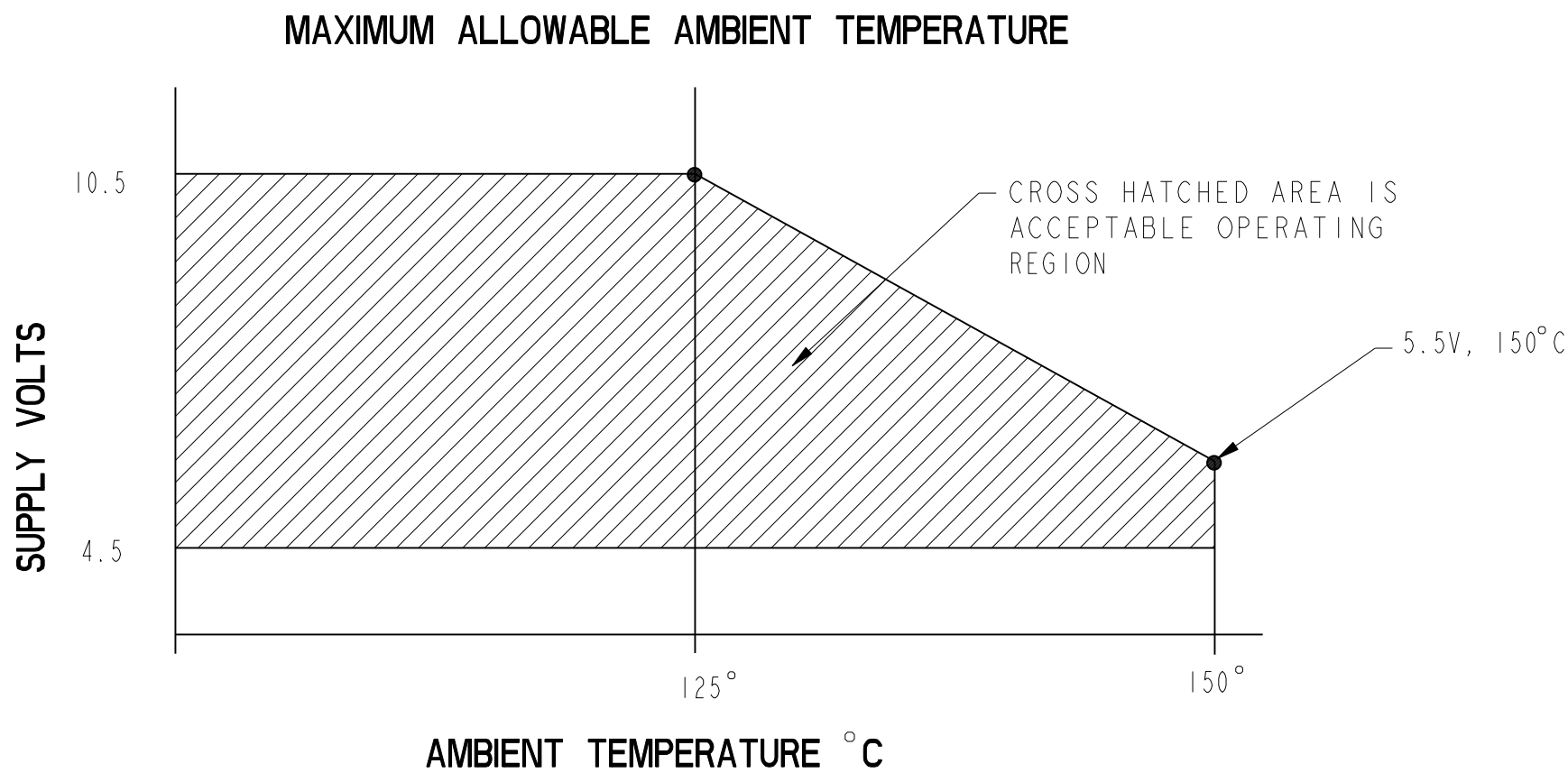
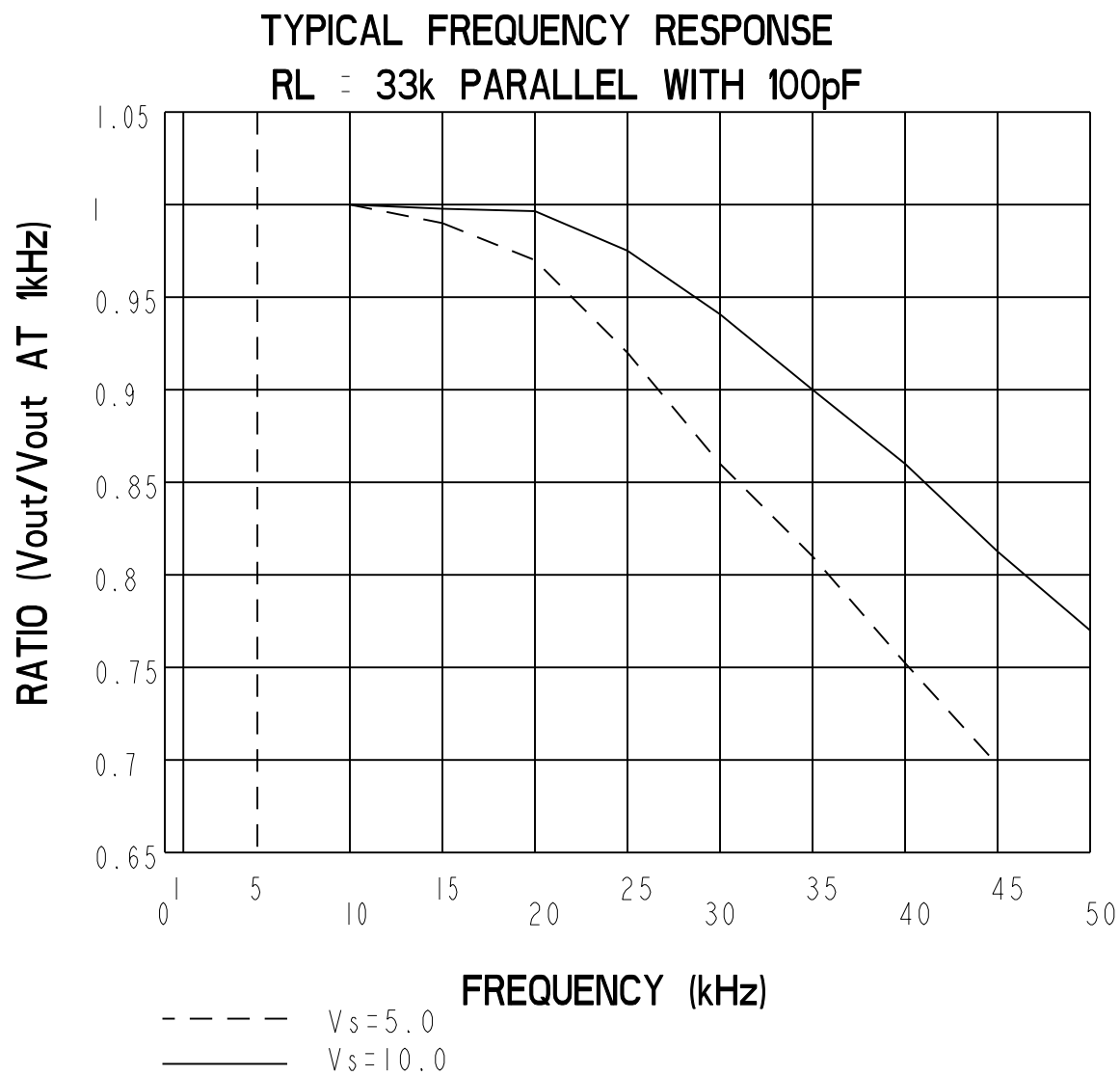
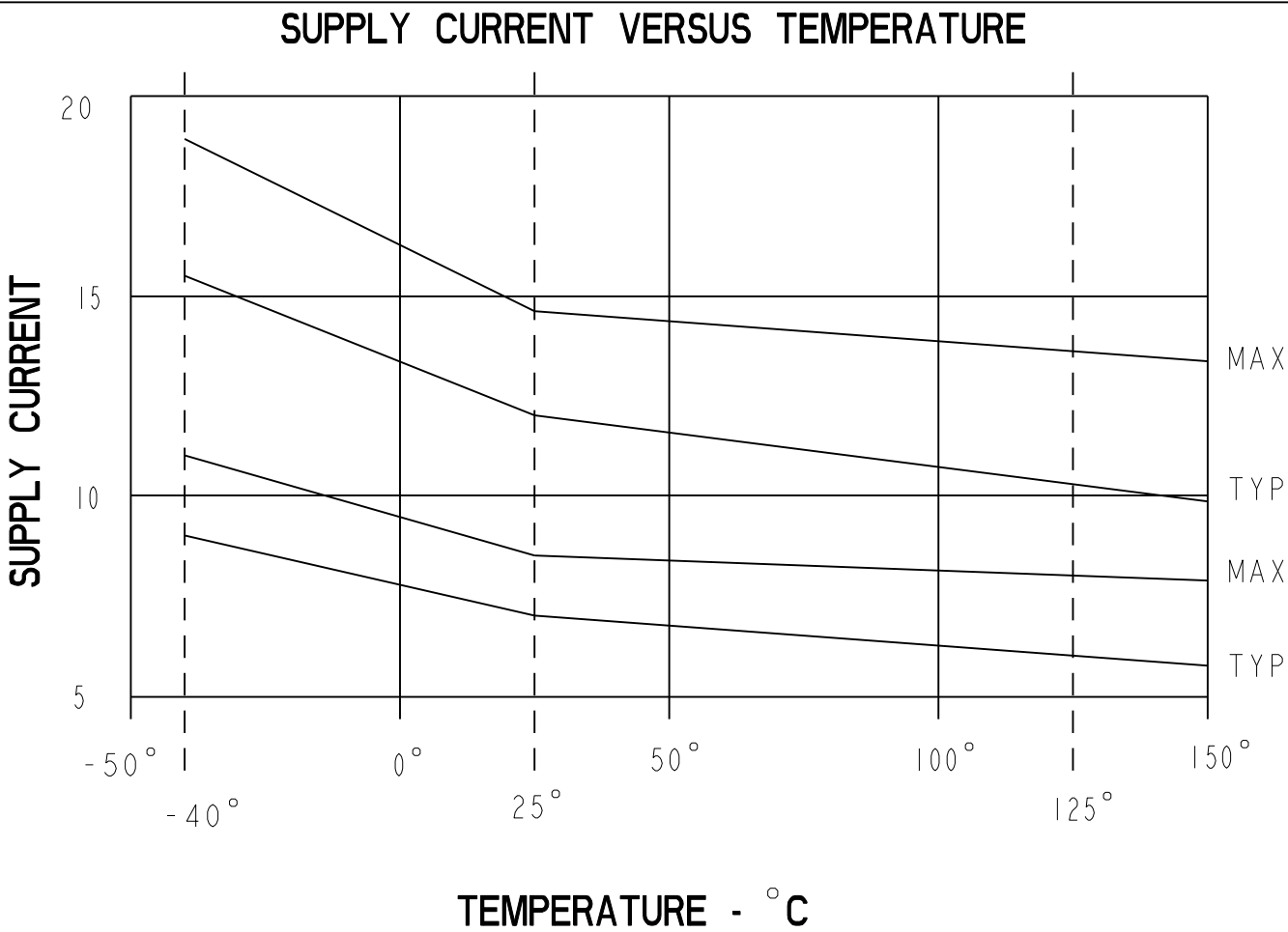
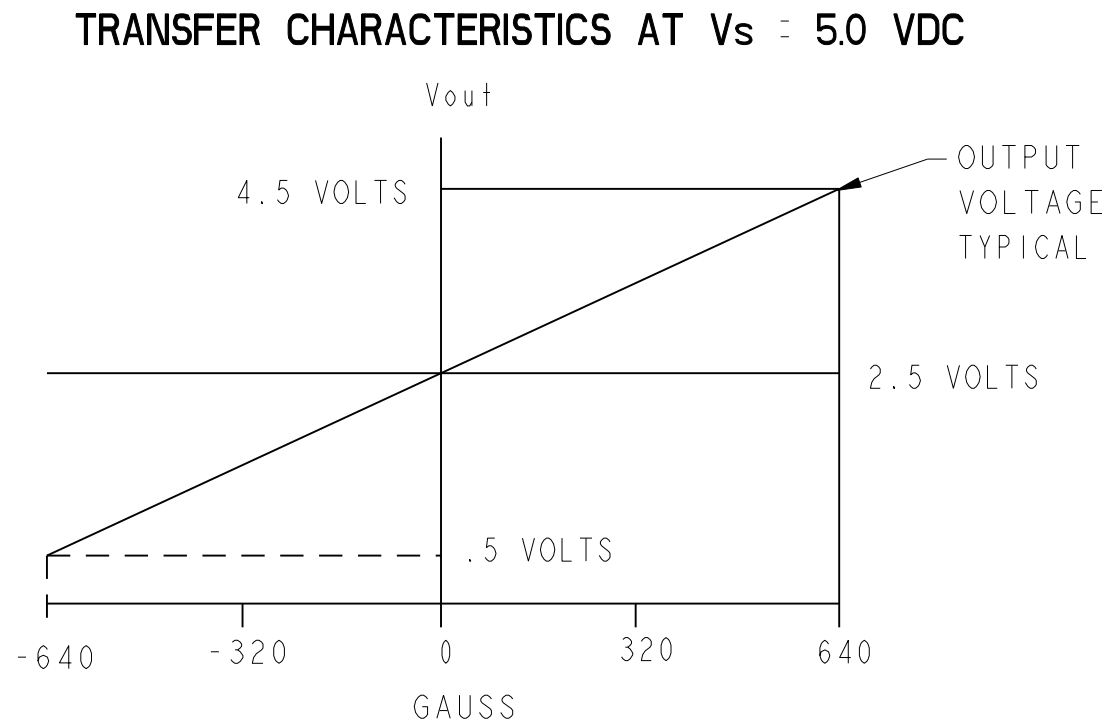
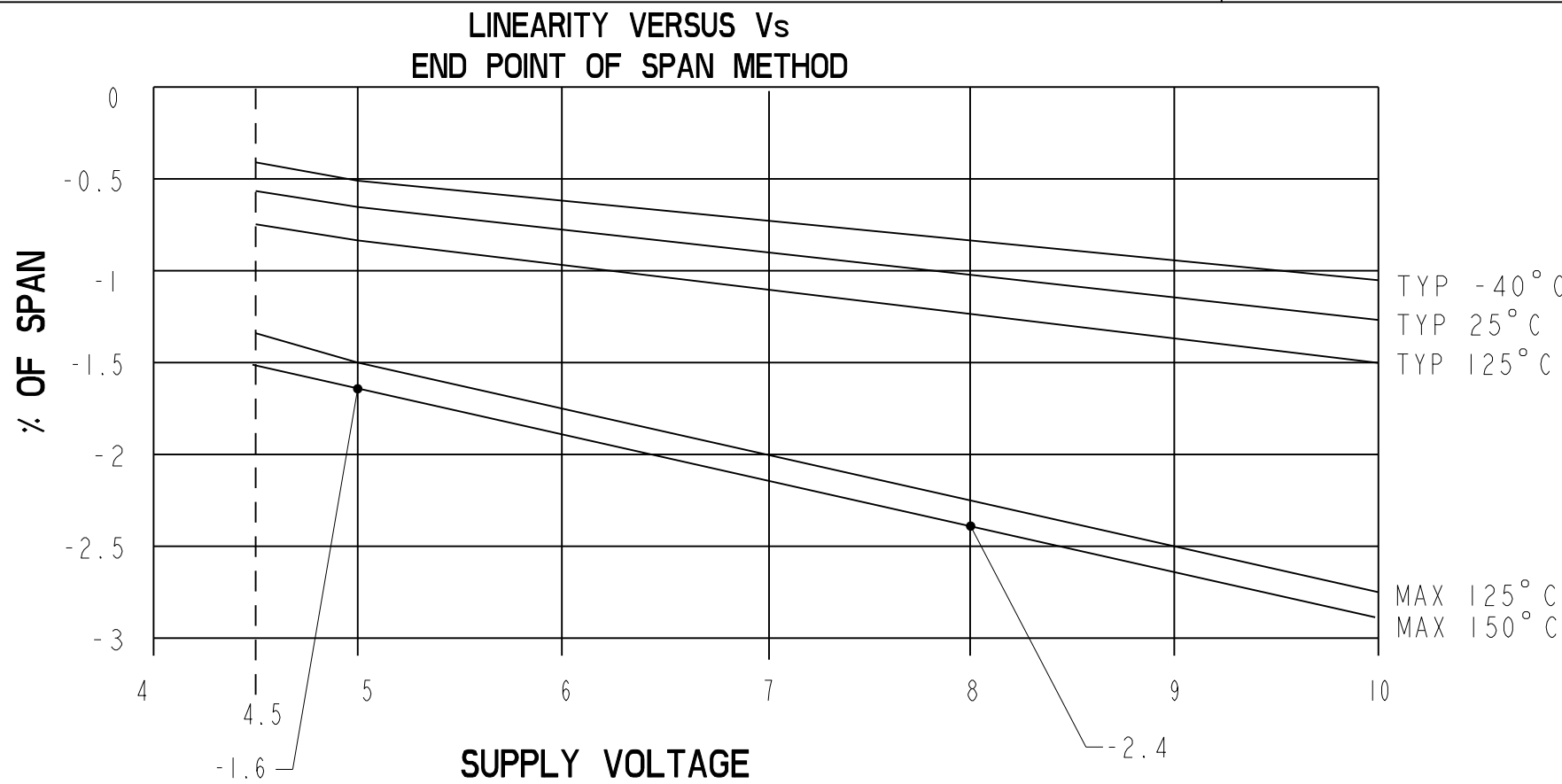
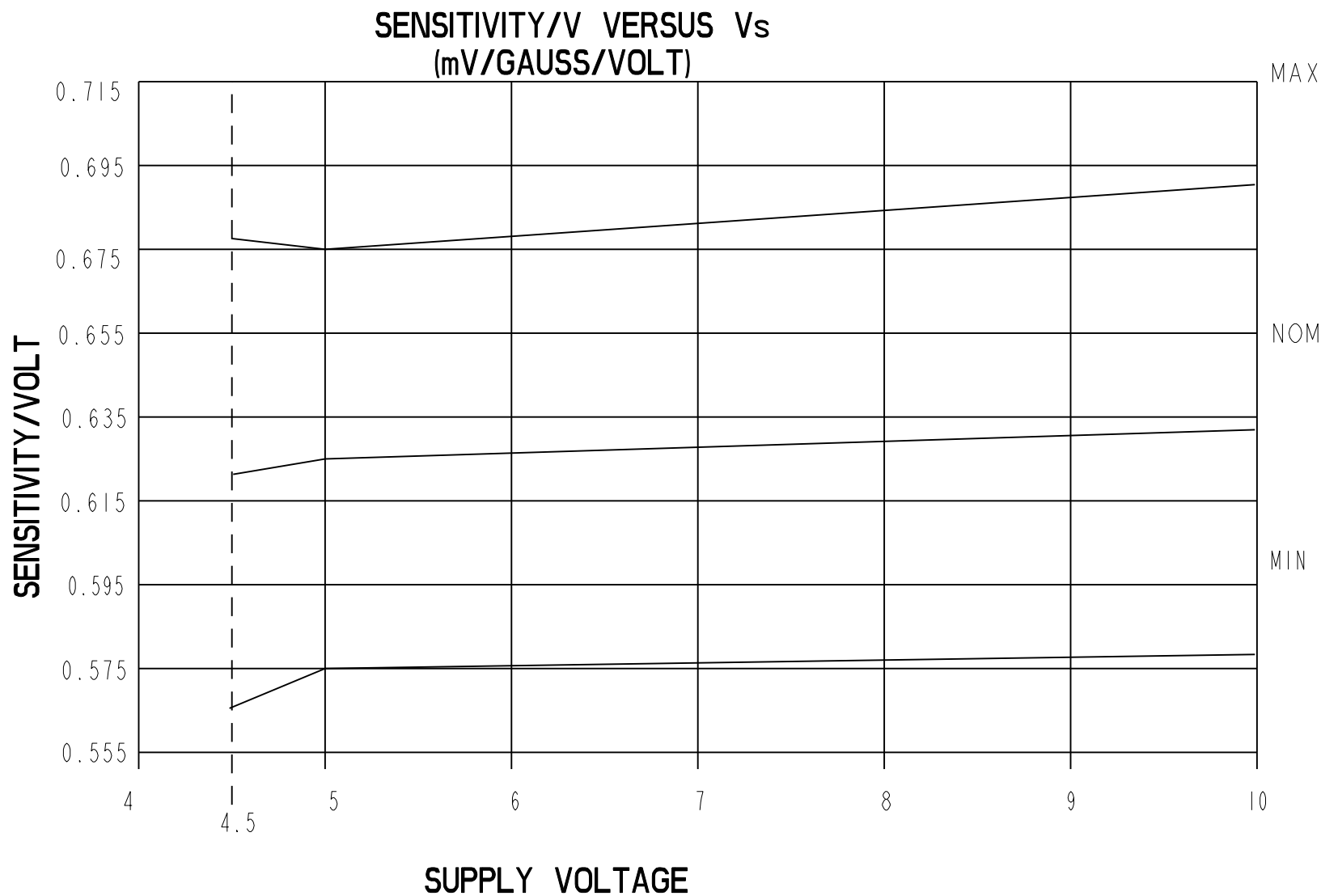
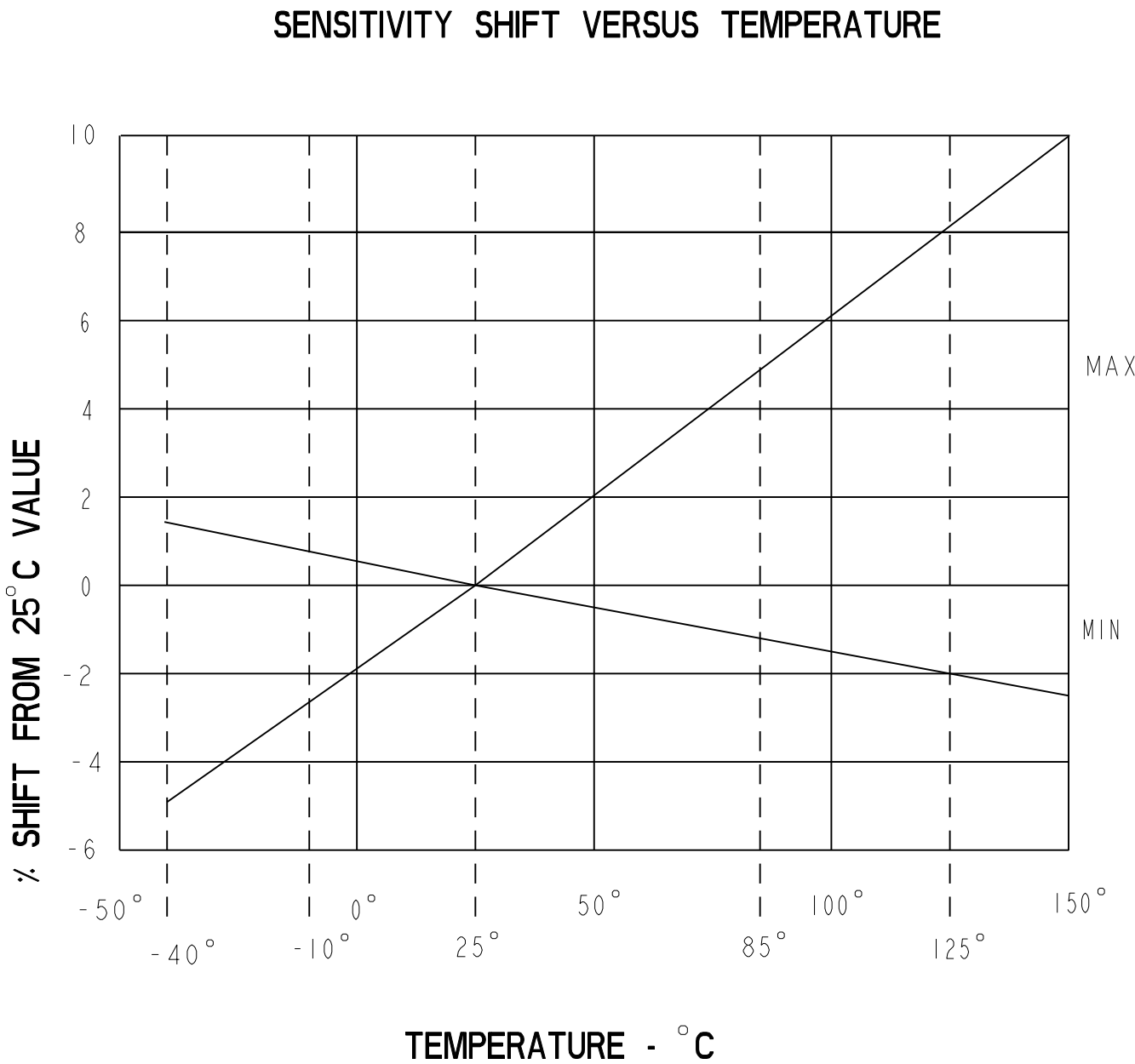
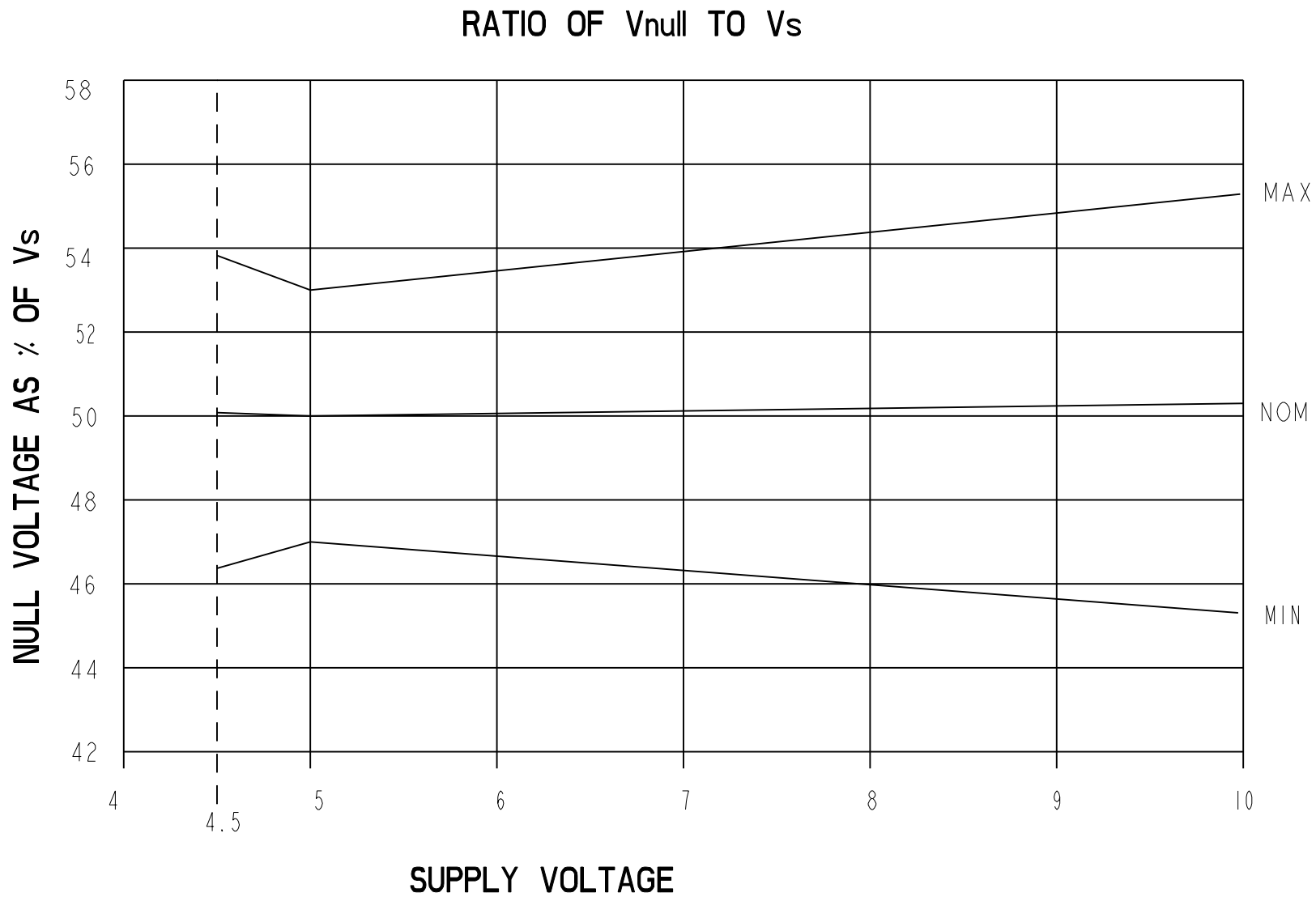
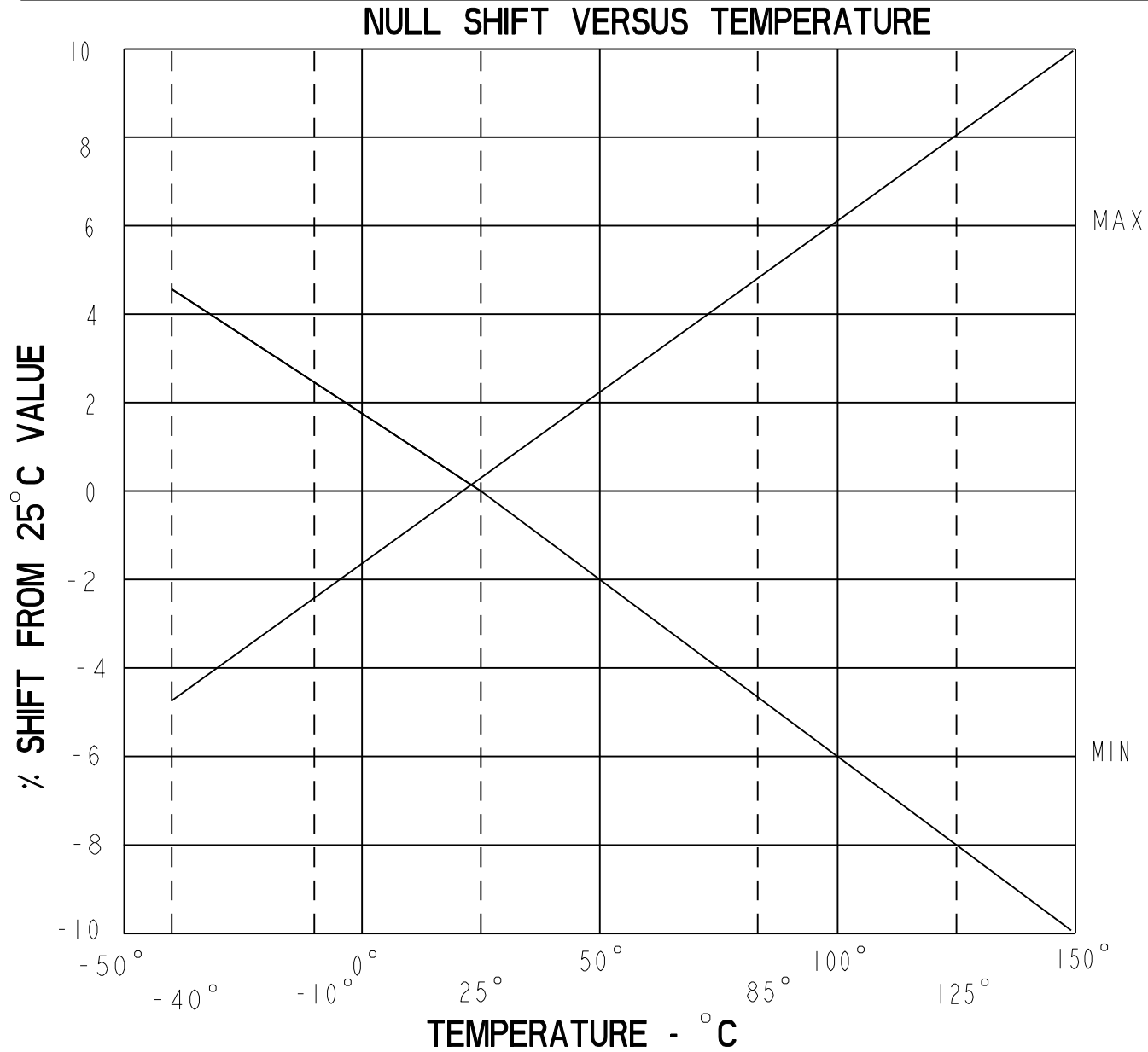
PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SENSITIVITY	TA = 25°C	2.875	3.125	3.375	mV/GAUSS
NULL	TA = 25°C	2.35	2.50	2.650	VOLTS
SUPPLY CURRENT	TA = 25°C		7	8.7	mA
OUTPUT CURRENT SOURCE	Vs > 4.5	1mA	1.5mA		
SINK	Vs > 4.5		1.5mA		
SINK	Vs > 5.0	1mA	1.5mA		
RESPONSE TIME			3μs		
OUTPUT VOLTAGE SWING					
VOM -	-B APPLIED	.4	.2		VOLTS
VOM +	+B APPLIED	Vs - .4	Vs - .2		VOLTS
B LIMITS FOR LINEAR OPERATION	-B MAX	-600	-670		GAUSS
	+B MAX	+600	+670		GAUSS
Vnull DRIFT	B = 0, TA = 25°C TO 125°C	-.08		+.08	% / °C
Vnull DRIFT	B = 0, TA = +125°C TO +150°C	-.08		+.08	% / °C
SENSITIVITY DRIFT	TA=+25°C TO +150°C	-.02		+.08	% / °C
SENSITIVITY DRIFT	TA=-40°C TO +25°C	-.02		+.08	% / °C
LINEARITY	B = -600 TO +600	0	-1.0	-1.5	% OF SPAN
SUPPLY VOLTAGE	-40°C TO +125°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	Vcc		-0.5	11	V
OUTPUT VOLTAGE	Vout		-0.5	11	V
OUTPUT CURRENT	Iout	SOURCE OR SINK	10		mA
TEMPERATURE	TA	OPERATING	-55	150	°C
	TS	STORAGE (Vcc=0)	-55	165	°C



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CATALOG LISTING

SS495 SERIES CHART 1

MINIATURE RATIONETRIC
LINEAR HALL EFFECT SENSOR

THIRD ANGLE PROJECTION	
SCALE	NONE
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	(.0) +.030
TWO PLACE	(.00) +.015
THREE PLACE	(.000) +.005
ANGLES	+ 2°
WEIGHT	

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru