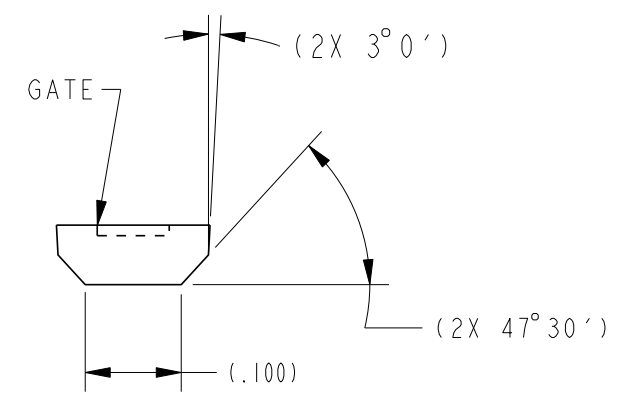
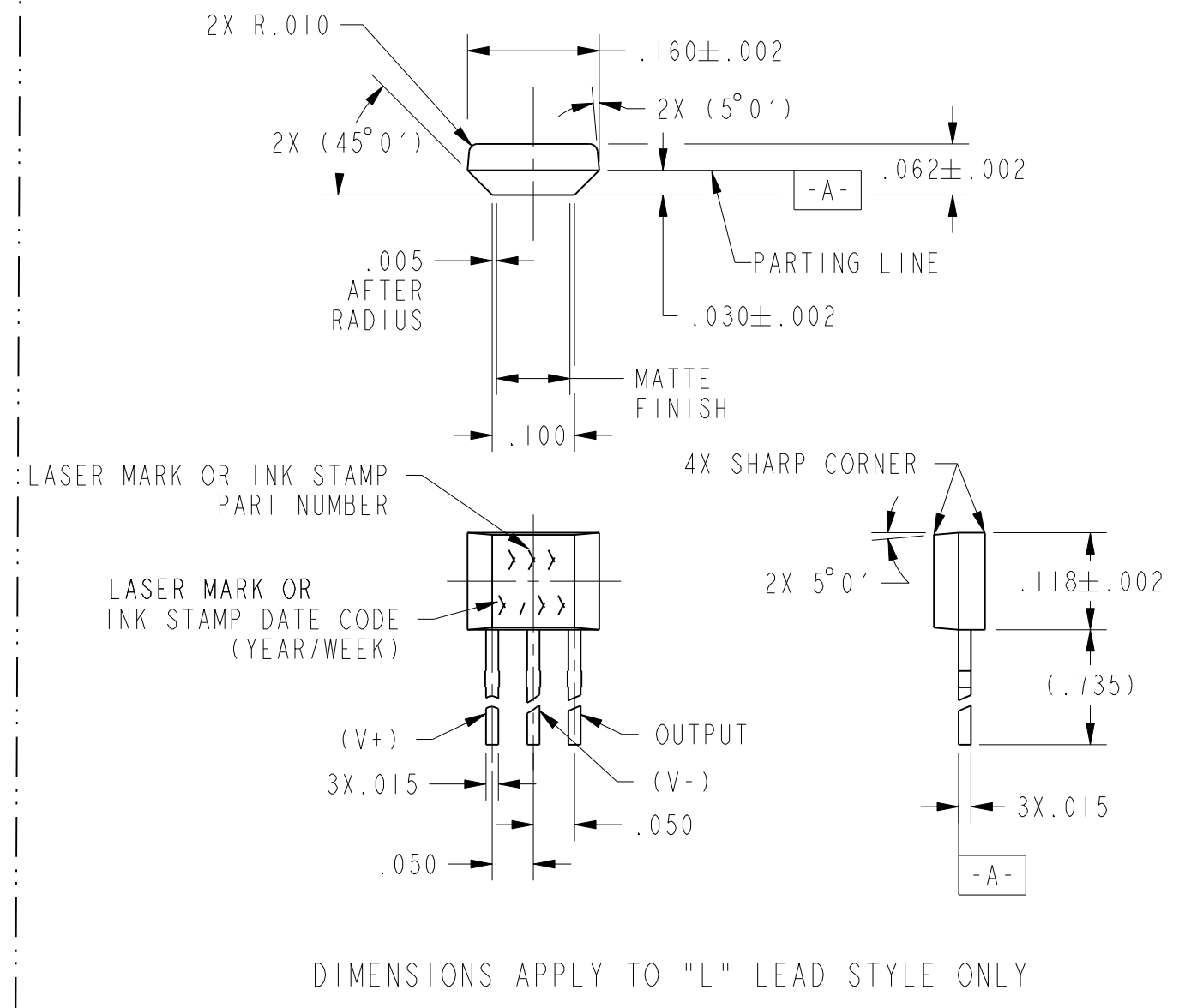


LEAD STYLES



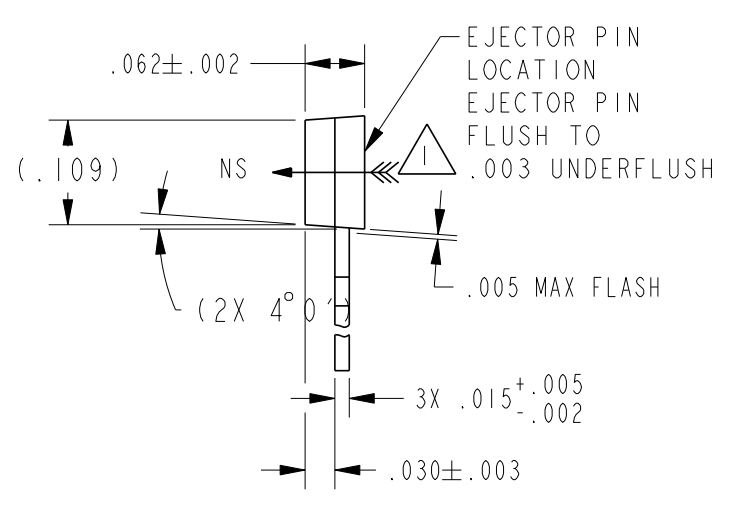
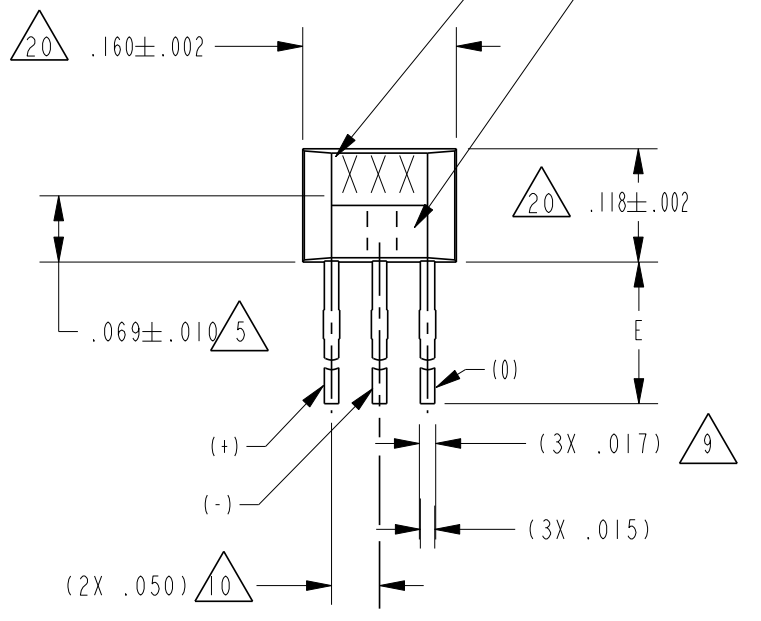
ALL EXCEPT "L" LEAD STYLES



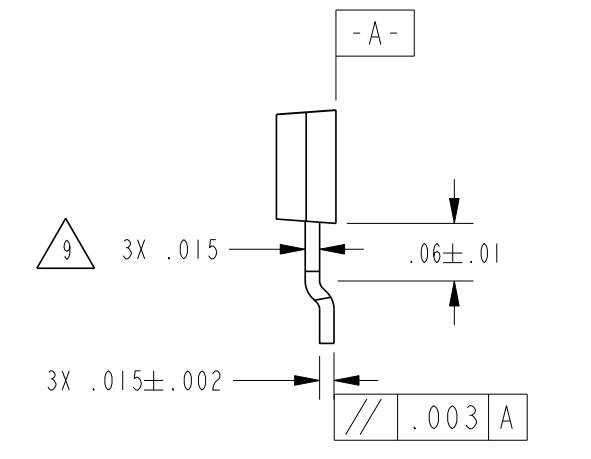
DIMENSIONS APPLY TO "L" LEAD STYLE ONLY

LASER MARK OR INK STAMP BRAND SYMBOL
.039 HIGH CHARACTERS

LASER MARK OR INK STAMP DATE CODE
(YEAR, WEEK) .039 HIGH CHARACTERS (3 DIGITS)



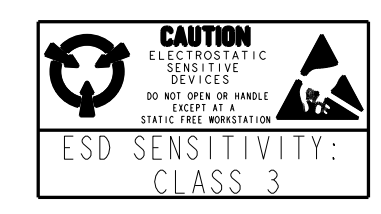
LEAD STYLES "STD", "R", "RP"



LEAD STYLES "S" & "SP"

NOTES

- 1 THE MAGNETIC FLUX USED TO OPERATE THE SWITCH MUST BE IN THE DIRECTION AND LOCATION 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)
- 2 THE MAGNETIC FIELD STRENGTH (GAUSS) REQUIRED TO CAUSE THE SWITCH TO CHANGE STATE (OPERATE AND RELEASE) WILL BE AS TABULATED. TO TEST THE SWITCH AGAINST THE SPECIFIED LIMITS, THE SWITCH MUST BE PLACED IN A UNIFORM MAGNETIC FIELD
- 3 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
- 4 TEST CONDITIONS: $V_{CC}=12V$, $R_2=1.6K$ OHMS, $C_2=20\mu F$
- 5 APPROXIMATE HALL ELEMENT LOCATION
- 6 LEADS MUST BE ADEQUATELY SUPPORTED DURING ANY FORMING/SHEERING OPERATION TO ASSURE THAT THE LEADS ARE NOT STRESSED WITHIN THE PLASTIC
- 7 PCB WAVE SOLDERING GUIDELINES ARE AS FOLLOWS:
250°C PEAK FOR 10 S MAX OR 260°C PEAK FOR 5S MAX
SOLDERING TIME
- 8 $V_{CC}=12V$, $R_1=1.6K$, $C_1=20\mu F$
- 9 BURRS ARE ALLOWED ONLY IF FULL LENGTH OF LEADS WILL PASS THROUGH $\phi .023$ HOLE. LEAD REFERENCE DIMENSIONS DO NOT INCLUDE SOLDER THICKNESS
- 10 DIMENSION REFERS TO THE LOCATION OF LEAD CENTERLINES AS THEY EXIT THE PLASTIC PACKAGE
- 11 TYPICAL DIMENSIONS NOT SHOWN IN LEAD STYLE "S" AND "SP"
- 12 SOME COMBINATIONS OF BASIC LISTING AND PACKING OPTIONS ARE NOT AVAILABLE
- 13 TAPE AND AMMOPACK PER EIA-468-A-1990
- 14 POCKET TAPE AND REEL PER EIA-481-A-1986
- 15 $V_{CC}=30V$, $I_{sink}=20mA$, $-40^{\circ}C < T < 150^{\circ}C$, B>MAX OP GAUSS FOR SPECIFIC LISTING
- 16 $V_{CC}=3.8V$, $I_{sink}=20mA$, B>MAX OP GAUSS FOR SPECIFIC LISTING
- 17 $V_{out}=30V$, $V_{CC}=24V$, B<MIN RELEASE GAUSS FOR SPECIFIC LISTING
- 18 AMMOPACK STYLE "T2" AND "T3". 24 SWITCHES BETWEEN FOLDS, SKIP 1 SPACE AT FOLD. MAY BE REFERRED TO AS "FAN FOLD"
- 19 LEAD STRAIGHTNESS MAY BE DETERIORATED ON SOME UNITS BY BULK PACKAGING. APPLICATIONS HAVING A CRITICAL LEAD STRAIGHTNESS REQUIREMENT SHOULD USE A TAPE PACKAGING OPTION
- 20 MOLDED PART DIMENSIONS DO NOT INCLUDE FLASH. FLASH IS LIMITED TO .005 MAX
- 21 THESE HALL EFFECT SENSORS MAY HAVE AN INITIAL OUTPUT IN EITHER THE ON OR OFF STATE IF POWERED UP WITH AN APPLIED MAGNETIC FIELD IN THE DIFFERENTIAL ZONE (APPLIED MAGNETIC FIELD $> B_{op}$ AND $< B_{op}$). MICRO SWITCH RECOMMENDS THAT THE APPLICATION CIRCUIT DESIGNER ALLOW 10 MICROSECONDS AFTER SUPPLY VOLTAGE HAS REACHED 5 VOLTS FOR THE OUTPUT VOLTAGE TO STABILIZE



THIRD ANGLE PROJECTION			
SCALE 5 : 1			
DO NOT SCALE PRINT			
TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE :			
DIM.	TOL.	DIM.	TOL.
NO PLACES	X	1/2, 04	X.X
ONE PLACE	X.X	0.47, 016	X.XX
TWO PLACES	X.XX	0.157, 006	X.XXX
THREE PLACES	X.XXX		X.XXXX
ANGLES			
SI METRIC		US CUSTOMARY	
DESIGN UNITS		WEIGHT	

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MICRO SWITCH a Honeywell Division

SOLID STATE SENSOR

SS400 SERIES CHART 1

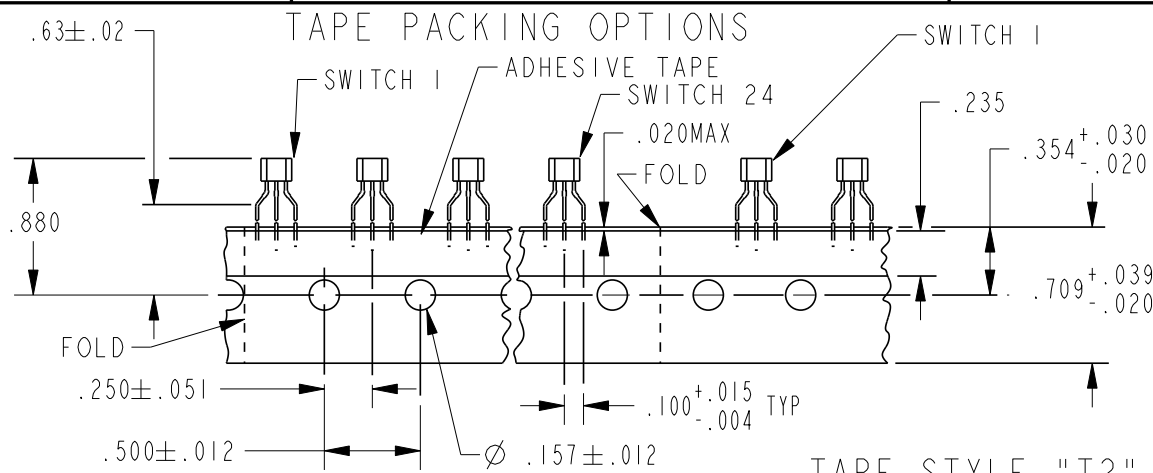
CATALOG LISTING

ANSI Y14.5M-1982 APPLIES

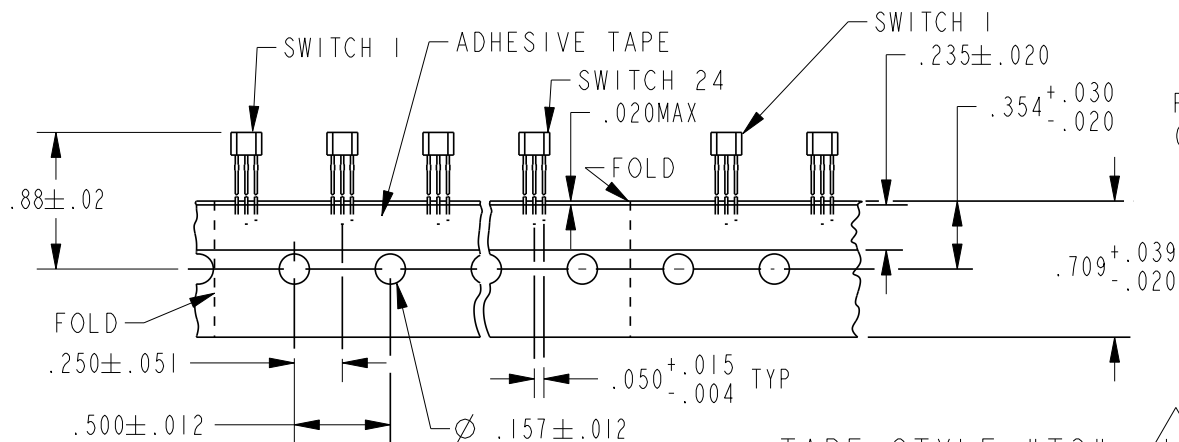
FED. MFG. CODE 91929

SS400 SERIES CHART 1
PAGE 1 OF 4
RELEASE NO. PR-21345
DRAWING NUMBER
ISSUE 16
REVISIONS
E 0034535
26 OCT 07
PTC/CAD 3D
DRAWN
GRT 26 MAR 02
CHECK SAV 26 MAR 02
CHECK

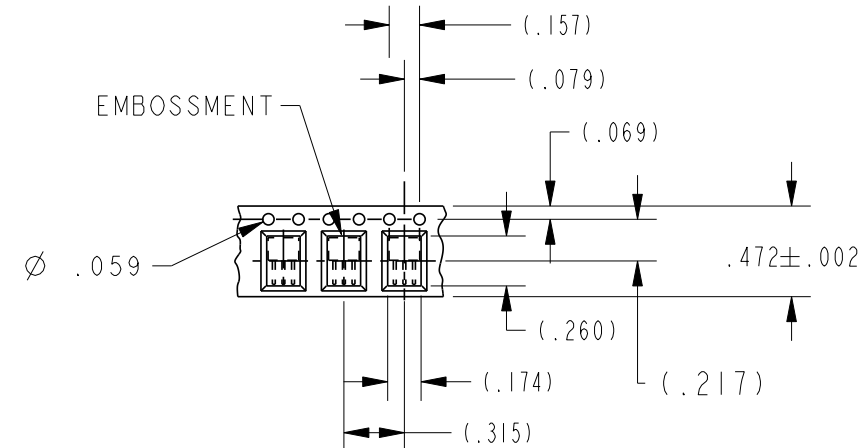
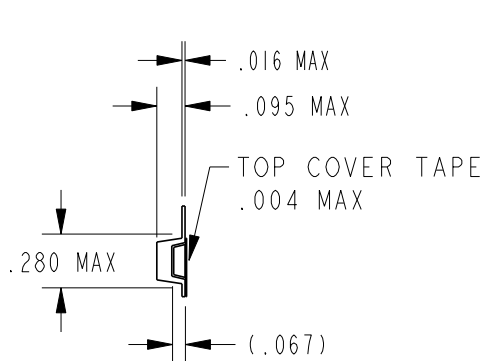
CATALOG LISTING **SS400 SERIES CHART 1**
 PAGE 2 OF 4
 RELEASE NO. PR-21345
 REPLACES -
 CHECK
 REVISIONS
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 PRS
 26 OCT 07
 CHECK
 14 JAN 99
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 CHECK
 14 JAN 99
 DRAWN
 PTC/CAD 3D
 KED



TAPE STYLE "T2" $\Delta 13$ $\Delta 18$



TAPE STYLE "T3" $\Delta 13$ $\Delta 18$



TAPE STYLE "SP" & "RP" $\Delta 14$

PREFIX SUFFIX
 BASIC CATALOG LISTING: PACKAGE STYLE, MAGNETIC TYPE, ELECTRICAL/MAGNETIC SPECS
 LEAD & PACKAGING OPTIONS: BULK, TAPE & REEL, POCKET TAPE & REEL

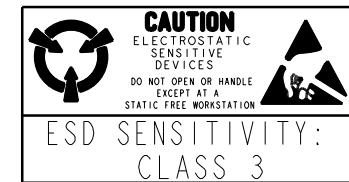
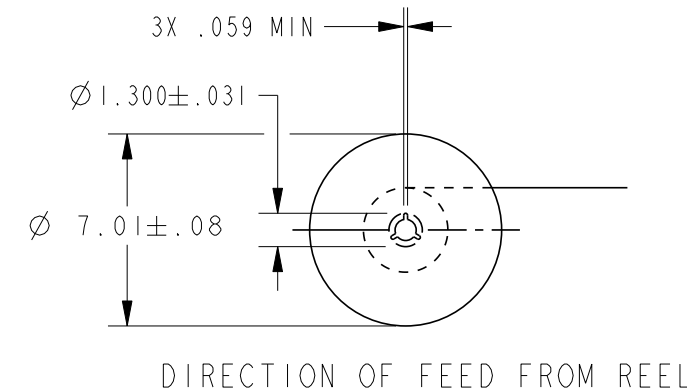
CHARACTERS IN THESE POSITIONS OF THE LISTING ARE BRANDED ON THE PRODUCT

SS441A1

SS4=PACKAGE STYLE
 MAGNETIC TYPE
 1=BIPOLAR
 4=UNIPOLAR
 6=LATCH
 9=LINEAR
 RELATIVE GAUSS OPERATING RANGE (0-9, 9=HIGH GAUSS)#
 ELECTRICAL/MAGNETIC OPTIONS (A-K, & U-Z)
 A=STANDARD
 B-K & U-Z=SPECIALS
 SPECIAL FEATURE (BLANK, 1-9)
 BLANK=STANDARD
 1-9=SPECIALS

OPTIONS

DESCRIPTION	NOMINAL LEAD SPACING	NOMINAL "E" DIM LENGTH ±015	PARTS PER CONTAINER
STANDARD, BULK PACK $\Delta 19$.050	.590	1000/BAG
-T 2 TAPE, AMMOPACK	.100	.590	5000/BOX
-T 3 TAPE, AMMOPACK	.050	.590	5000/BOX
-S SURFACE MOUNT, BULK PACK	.050	.125	1000/BAG
-S P SURFACE MOUNT, POCKET TAPE	.050	.125	1000/REEL
-R REDUCED LENGTH, BULK PACK	.050	.130	1000/BAG
-R P REDUCED LENGTH, POCKET TAPE	.050	.130	1000/REEL
-L LONG LEADS, BULK PACK	.050	.735	1000/BAG



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	±
WEIGHT	

CATALOG LISTING
SS400 SERIES CHART 1

PAGE 4 OF 4

ISSUE
16

REVISIONS

E 0034535
PRS
26 OCT 07

REPLACES -

CHECK

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14 JAN 99

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CHECK

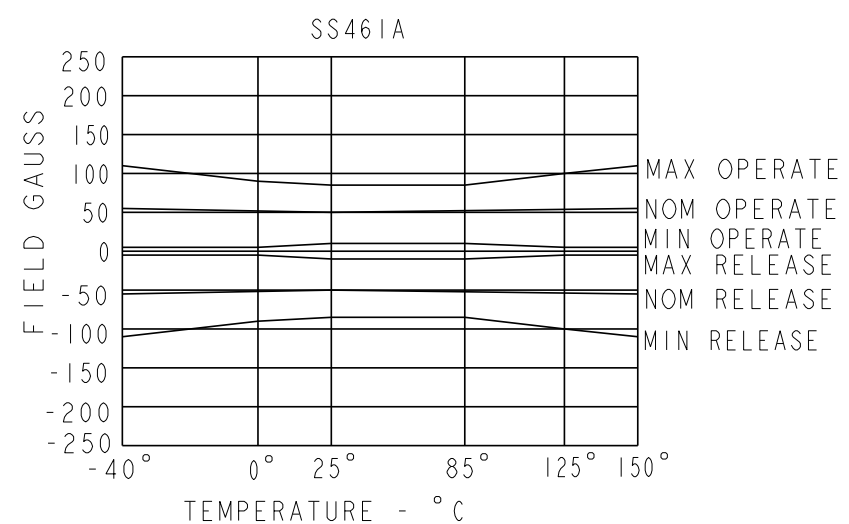
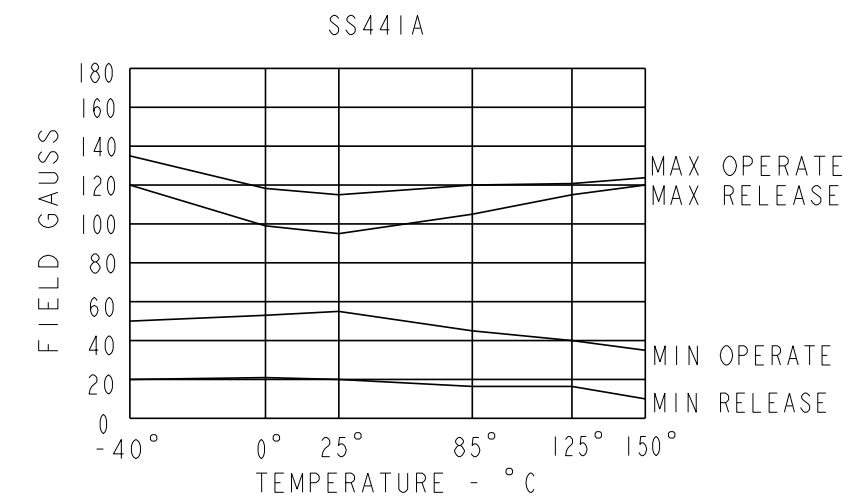
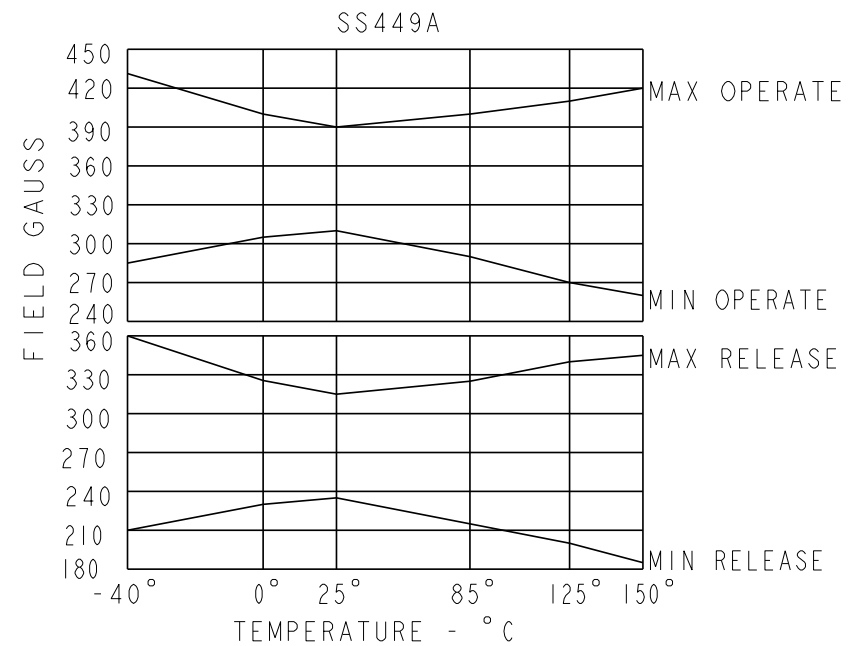
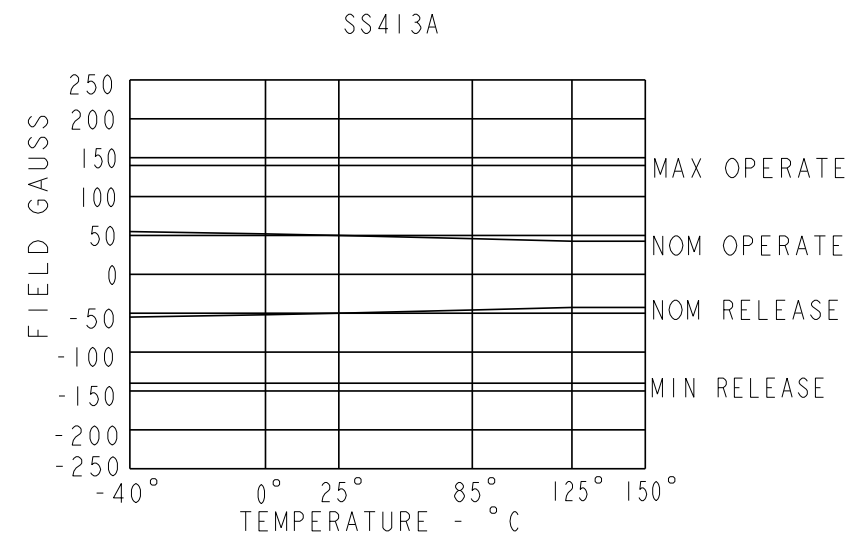
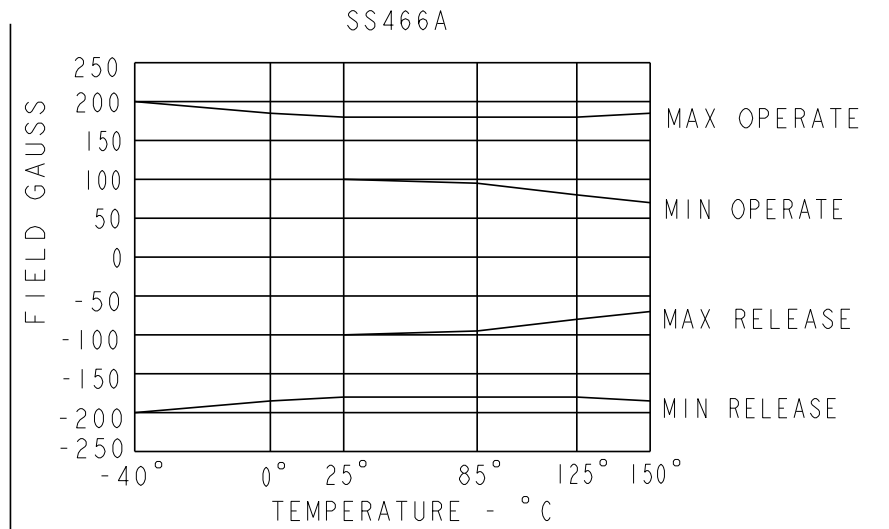
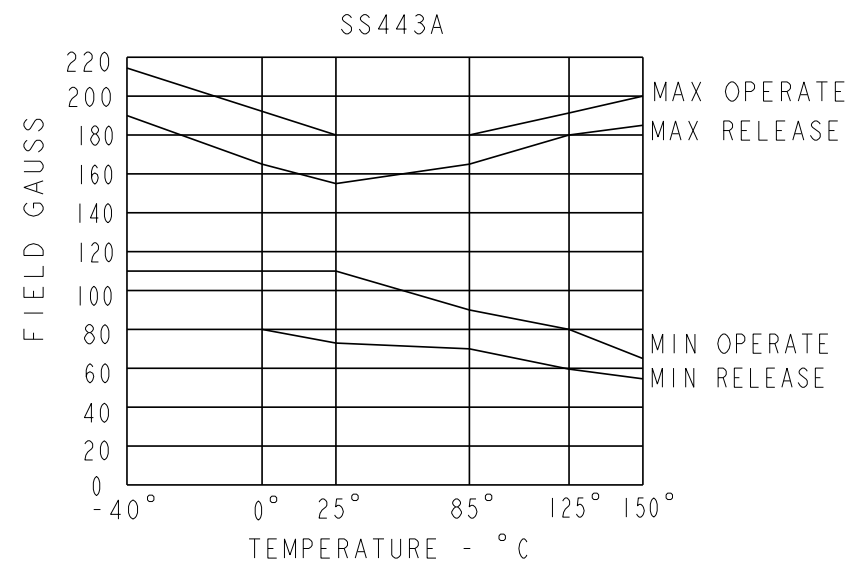
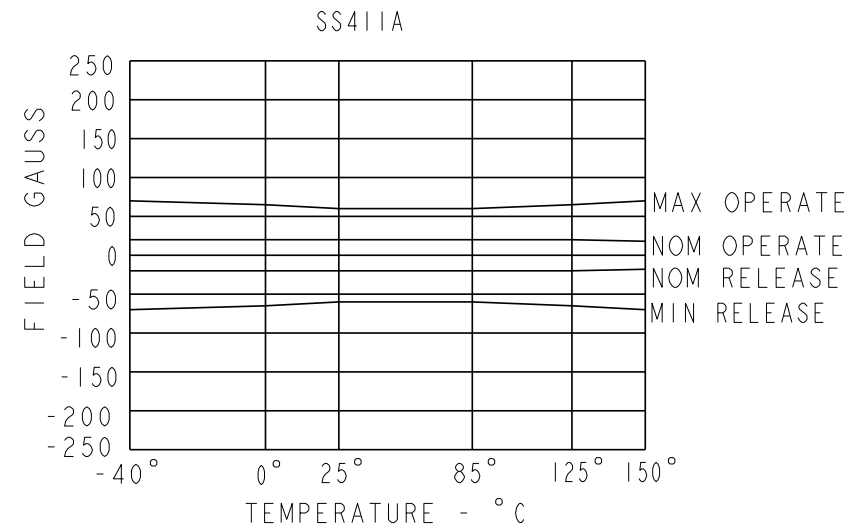
14 JAN 99

3D

DRAWN

KED

ANSI Y14.5M-1982 APPLIES



CAUTION
ELECTROSTATIC SENSITIVE DEVICES
DO NOT OPEN OR HANDLE EXCEPT AT A STATIC FREE WORKSTATION

ESD SENSITIVITY:
CLASS 3

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	±
WEIGHT	



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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