

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH. A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

NOTES

SOLDERING INSTRUCTIONS: EXPOSURE TO HIGH TEMPERATURES SHOULD BE KEPT AT A MINIMUM MICRO SWITCH RECOMMENDS AN IRONED PRETINNY

PROCESS WITH PEAK TEMPERATURES NOT EXCEEDING 245°C (473°F)
FDR 10 SECONDS MAXIMUM. DO NOT WAVE SOLDER THIS PRODUCT, AS THIS

PROCESS MAY NEGATIVELY AFFECT THE SENSOR'S PERFORMANCE
RELIABILITY. SUBJECTING THESE PRODUCTS TO WAVE SOLDERING
WILL VOID MICRO SWITCH'S WARRANTY

ABSOLUTE MAXIMUM RATINGS ARE THE EXTREME LIMITS THE DEVICE WILL
MOMENTARILY WITHSTAND WITHOUT DAMAGE TO THE DEVICE. ELECTRICAL AND
THERMAL CHARACTERISTICS ARE NOT GUARANTEED IF THE SPECIFIED VOLTAGE

MAGNETIC CHARACTERISTICS ARE NOT GUARANTEED IF THE SPECIFIED VOLTAGE AND/OR CURRENTS ARE EXCEEDED NOR WILL THE DEVICE NECESSARILY OPERATE AT ABSOLUTE MAXIMUM RATING

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 EXTENDING ELEMENT OF A MAGNET IS FROM THE NORTH TO THE SOUTH POLE.)

THE MAGNETIC FIELD STRENGTH (GAUSS) REQUIRED TO CAUSE THE SWITCH OF THE MAGNET IS 180000. FROM THE WORK IN THE SUBJ OF THE CAIRNVAL FROM A MINUTE IS 180000. FROM THE WORK IN THE SUBJ OF THE MAGNET

TO CHANGE STATE (OPERATE AND RELEASE) WILL BE AS SPECIFIED IN THE MAGNETIC CHARACTERISTICS. TO TEST THE SWITCH AGAINST THE SPECIFIED MAGNETIC CHARACTERISTICS THE SWITCH MUST BE PLACED IN A UNIFORM

A "T" SUFFIX ON ANY CATALOG LISTING DESIGNATES THE PRODUCT WILL BE

SUPPLIED IN TAPE AND REEL FORM PER EIA STD 481. SSS SERIES SOLD IN TAPE AND REEL ONLY. SOME BASIC LISTINGS MAY NOT BE AVAILABLE. GATE VESAGE PERMITTED IN THESE AREAS. UNDERLUSH BREAKOUT LIMITED

THESE HALL EFFECT SENSORS MAY HAVE AN INITIAL OUTPUT IN EITHER THE POSITIVE OR NEGATIVE DIRECTION, DEPENDING UPON THE INITIAL MAGNETIC FIELD IN THE

OR OFF STATE IS POWERED UP WITH AN APPLIED MAGNETIC FIELD IN THE DIFFERENTIAL ZONE (APPLIED MAGNETIC FIELD $> B_{rp}$ 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

CONVERSION TO METRIC DIMENSIONS			
METRIC		DIMENSION	
DIMENSION IN INCHES	REFERENCE EQUIVALENT, MM	DIMENSION IN INCHES	REFERENCE EQUIVALENT, MM
.001	0.025	.095	2.413
.002	0.051	.098	2.489
.003	0.076	.157	3.988
.004	0.102	.164	4.166
.005	0.127	.173	4.394
.006	0.152	.177	4.496
.007	0.178	.181	4.597
.008	0.203	.197	5.004
.015	0.381	.217	5.512
.016	0.406	.230	5.842
.030	0.762	.314	7.976
.031	0.787	.315	8.001
.038	0.965	.472	11.989
.050	1.270	.480	12.192
.059	1.499	.512	13.005
.067	1.702	.724	18.390
.069	1.753	1.300	33.020
.078	1.981	1.970	50.038
.079	2.007	7.010	178.054
.094	2.388	10.000	254.000

THIRD ANGLE PROJECTION	
SCALE	NONE
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
NONE PLACE .00	+0.0 3
TVWD PLACE .000	+0.05
THREE PLACE .0000	+0.005
ANGLES	±
WEIGHT	

SS5XT ELECTRICAL SPECIFICATIONS

CAUTION
ELECTROSTATIC
SENSITIVE
DEVICES
DO NOT OPEN OR HANDLE
EXCEPT AT A
REPAIR STATION

TABLE 2	
SS5XX	
OUTPUT CURRENT	
ABSOLUTE LIMITS	
SUPPLY VOLTAGE	OUTPUT CURRENT

SS5XXAT ELECTRICAL SPECIFICATIONS

$$= 1.6k = 20pf$$
$$= 2000$$

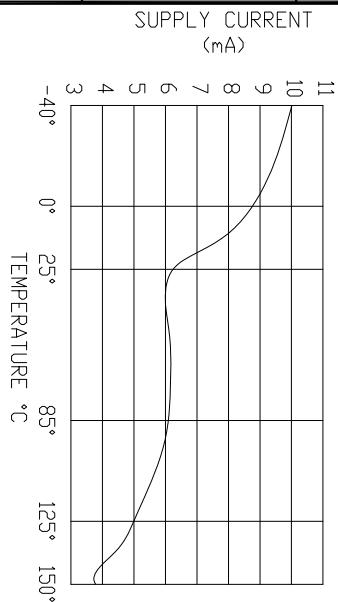
THIRD ANGLE PROJECTION		
SCALE	NONE	

DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
ONE PLACE (.0)
TWO PLACE (.00)
THREE PLACE (.000) +.000

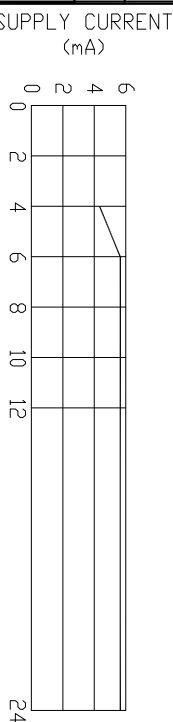
LISTING		-40°C	0°C	25°C	85°C	125°C	150°C
MIN OPERATE GAUSS							
SS51T	NS	NS	NS	NS	NS	NS	NS
SS511AT	NS	NS	NS	NS	NS	NS	NS
SS513AT	NS	NS	NS	NS	NS	NS	NS
SS541AT	50	53	55	45	40	35	NS
SS543AT	110	110	110	110	90	80	65
SS549AT	285	305	310	290	270	260	
SS561AT	5	5	10	10	5	5	
SS566AT	100	100	100	95	80	70	
MAX OPERATE GAUSS							
SS51T	145	145	140	150	200	250	
SS511AT	70	65	60	60	65	70	
SS513AT	140	140	140	140	140	140	
SS541AT	135	117	115	120	123	125	
SS543AT	215	190	180	180	190	200	
SS549AT	435	400	390	400	410	420	
SS561AT	110	90	85	85	100	110	
SS566AT	200	185	180	180	180	185	
MIN RELEASE GAUSS							
SS51T	-145	-145	-140	-150	-200	-250	
SS511AT	-70	-65	-60	-60	-65	-70	
SS513AT	-140	-140	-140	-140	-140	-140	
SS541AT	20	20	20	15	15	10	
SS543AT	80	80	75	70	60	55	
SS549AT	210	230	235	200	185	200	
SS561AT	-110	-90	-85	-85	-110	-110	
SS566AT	-200	-185	-180	-180	-180	-185	
MAX RELEASE GAUSS							
SS51T	NS	NS	NS	NS	NS	NS	
SS511AT	NS	NS	NS	NS	NS	NS	
SS513AT	NS	NS	NS	NS	NS	NS	
SS541AT	120	99	95	105	115	120	
SS543AT	190	165	155	165	180	195	
SS549AT	360	325	315	325	340	345	
SS561AT	-5	-10	-10	-5	-5	-5	
SS566AT	-100	-100	-100	-95	-80	-70	
MIN DIFF GAUSS							
SS51T	40	50	50	50	60	NS	
SS511AT	15	15	15	12	12	10	
SS513AT	20	20	20	20	20	20	
SS541AT	15	15	20	15	8	5	
SS543AT	25	25	25	15	10	5	
SS549AT	30	30	30	30	30	30	
SS561AT	50	50	50	50	50	50	
SS566AT	200	200	200	190	160	140	

ISSUE	M	CATALOG LISTING	SS5 SERIES CHART
14		PAGE 3 OF 5	1

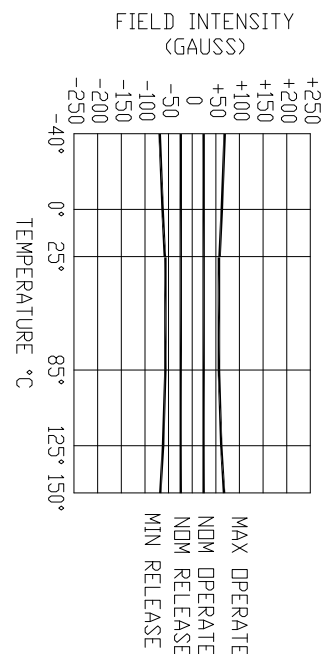
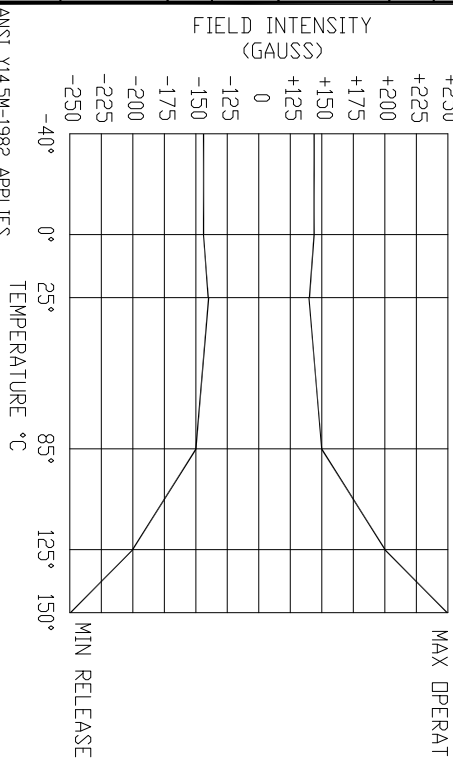
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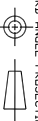
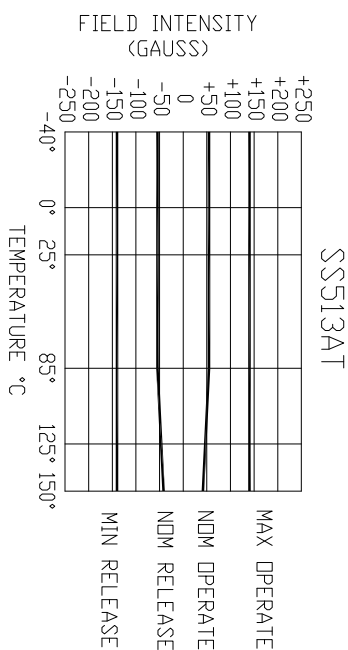
SS1T



TYPICAL SUPPLY CURRENT (DEVICE OFF) AT 25°C



SS511AT



THIRD ANGLE PROJECTION

SCALE NONE

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

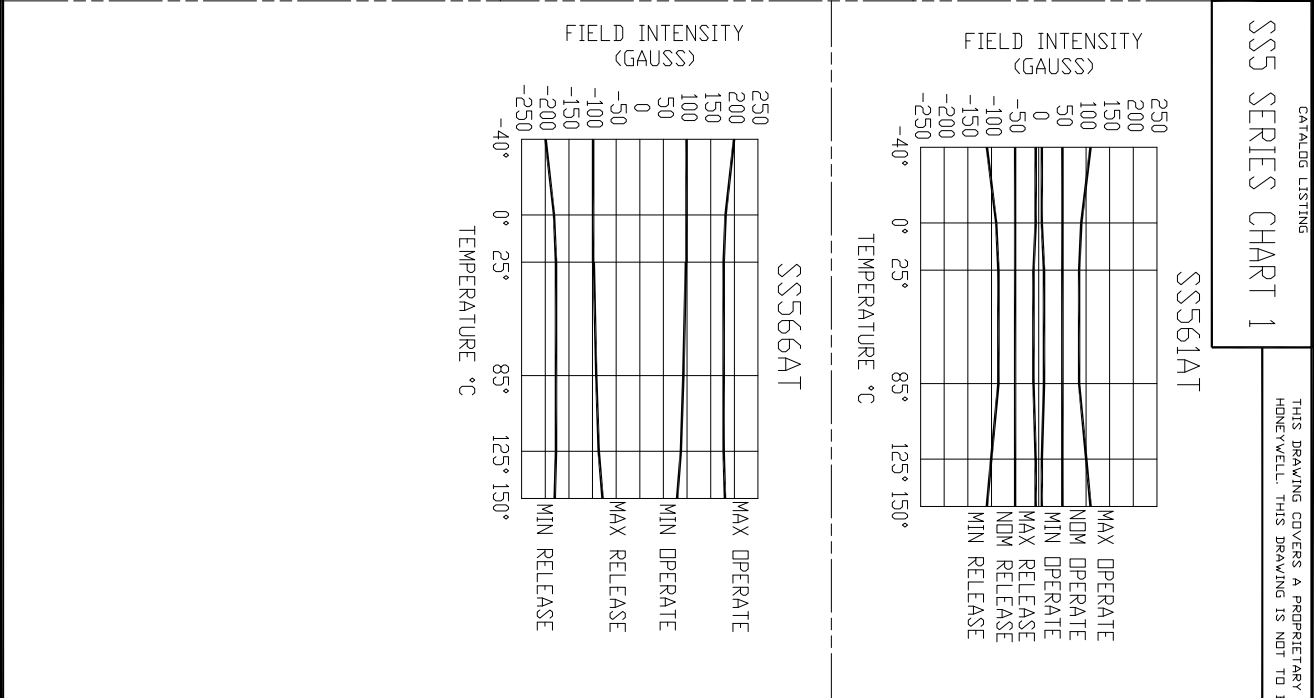
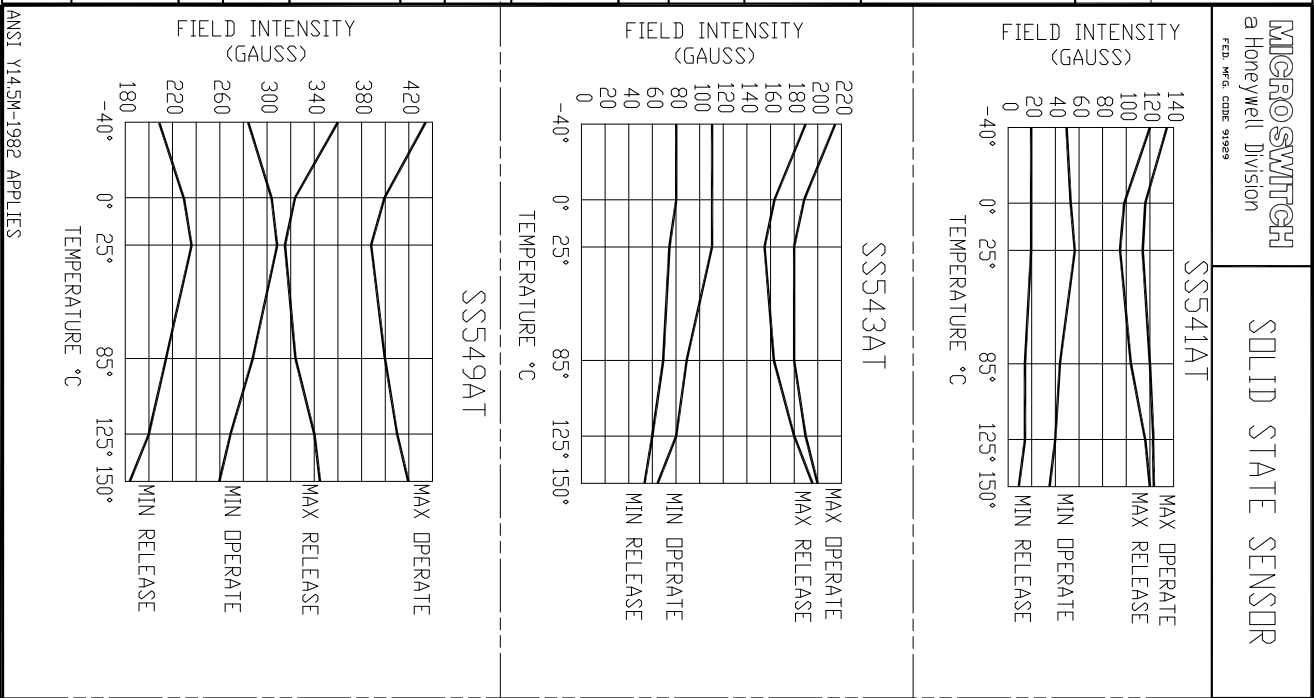
ONE PLACE (0) +.0 0 3

TWO PLACE <.00> +.015

THREE PLACE (.000) +.005

ANGLES ±

WEIGHT



CAUTION
ELECTROSTATIC
DISCHARGE
SERVICES
DO NOT OPERATE
WITH OPEN
CIRCUITS

ESD SENSITIVITY:
CLASS 3

THIRD ANGLE PROJECTION

SCALE NONE

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE:
ONE PLACE .00
TWO PLACE .000
THREE PLACE .0000
ANGLES ±

WGT

WGT



**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

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С нами вы становитесь еще успешнее!

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