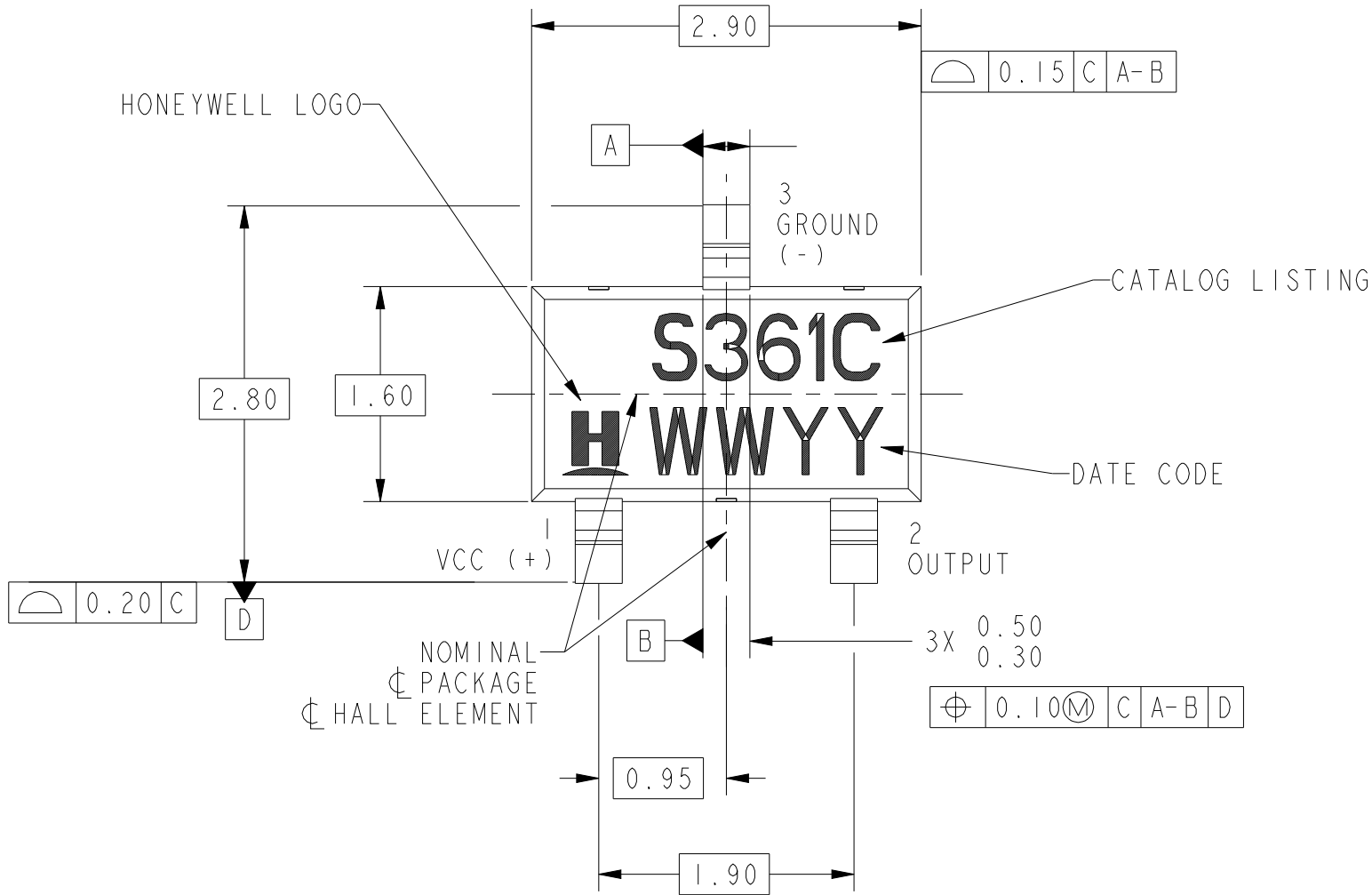


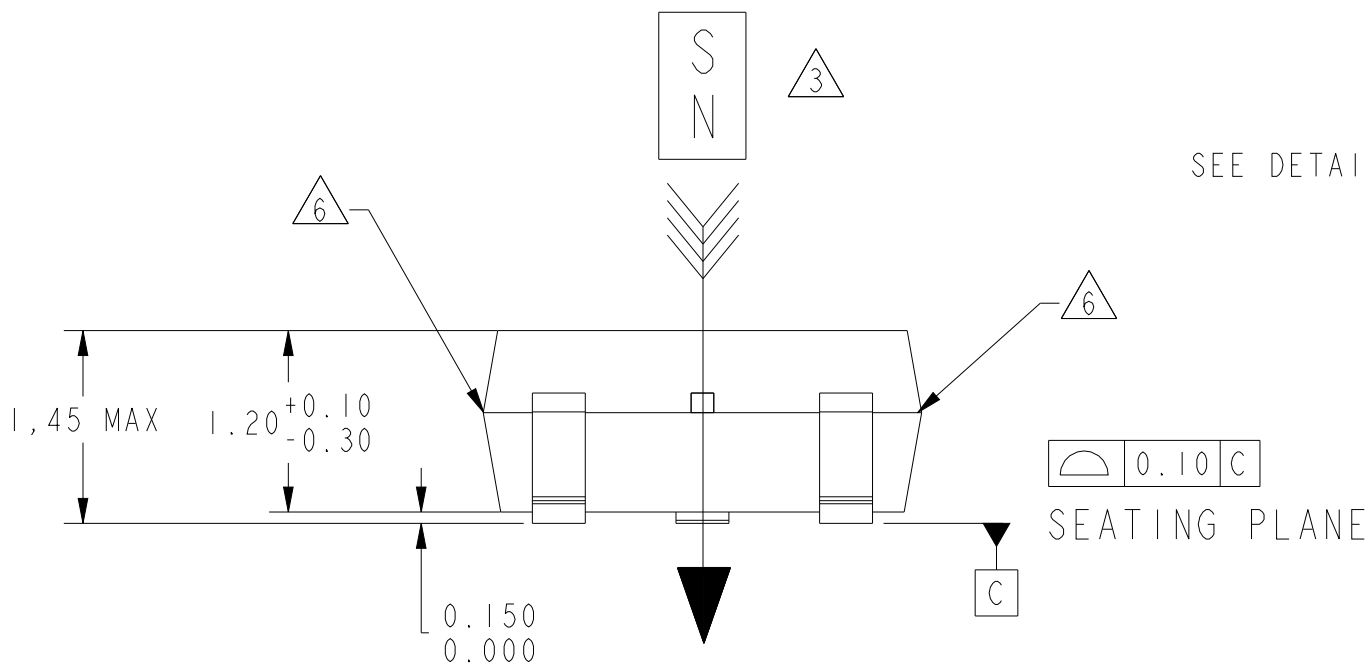
HONEYWELL PART NUMBER
SS361CT

REV	DOCUMENT	CHANGED BY	CHECK
C	0068435	MH 19AUG10	RS

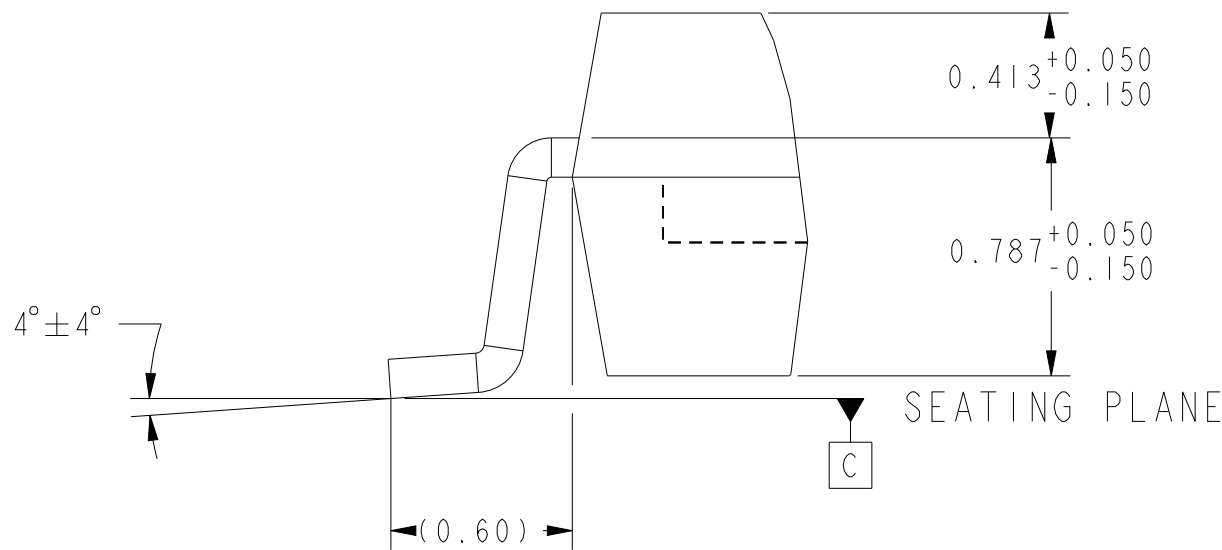
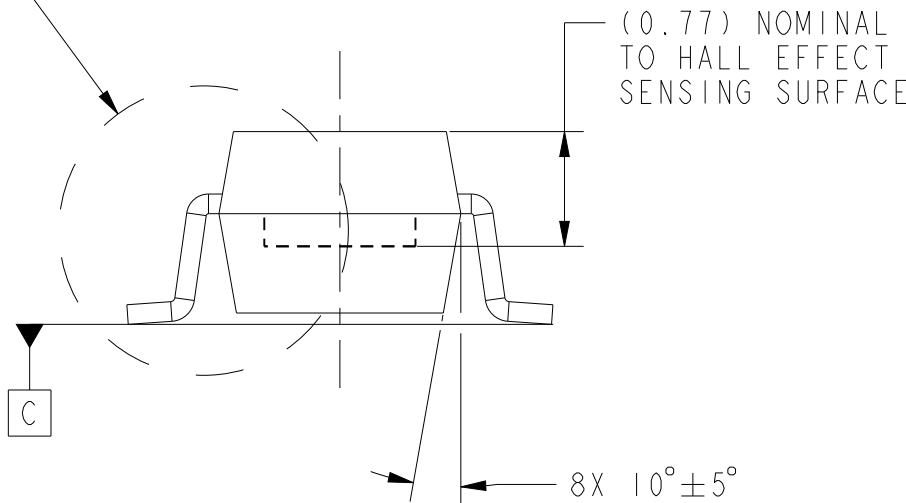


NOTES

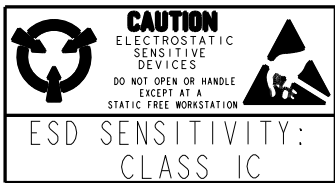
- SOLDERING INSTRUCTIONS: EXPOSURE TO HIGH TEMPERATURES SHOULD BE KEPT AT A MINIMUM HONEYWELL RECOMMENDS AN INFRARED REFLOW PROCESS WITH PEAK TEMPERATURES NOT EXCEEDING 245°C FOR 10 SECONDS MAXIMUM. DO NOT WAVE SOLDER THIS PRODUCT, AS THIS PROCESS MAY NEGATIVELY AFFECT THE SENSOR'S PERFORMANCE AND RELIABILITY. SUBJECTING THESE PRODUCTS TO WAVE SOLDERING WILL VOID HONEYWELL'S WARRANTY.
- 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 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 EXTERNAL FLUX OF A MAGNET IS FROM THE NORTH TO THE SOUTH POLE OF THE MAGNET)
- THE MAGNETIC FIELD STRENGTH (GAUSS) REQUIRED TO CAUSE THE SWITCH 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 MAGNETIC FIELD.
- THIS PRODUCT WILL BE SUPPLIED IN TAPE AND REEL FORM PER EIA STD 481. GATE VESAGE PERMITTED IN THESE AREAS. UNDERFLUSH BREAKOUT LIMITED TO .007.
- 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 > Brp AND < Bop). HONEYWELL RECOMMENDS THAT THE APPLICATION CIRCUIT DESIGNER ALLOW 10 MICROSECONDS AFTER SUPPLY VOLTAGE HAS REACHED 5 VOLTS FOR THE OUTPUT VOLTAGE TO STABILIZE.



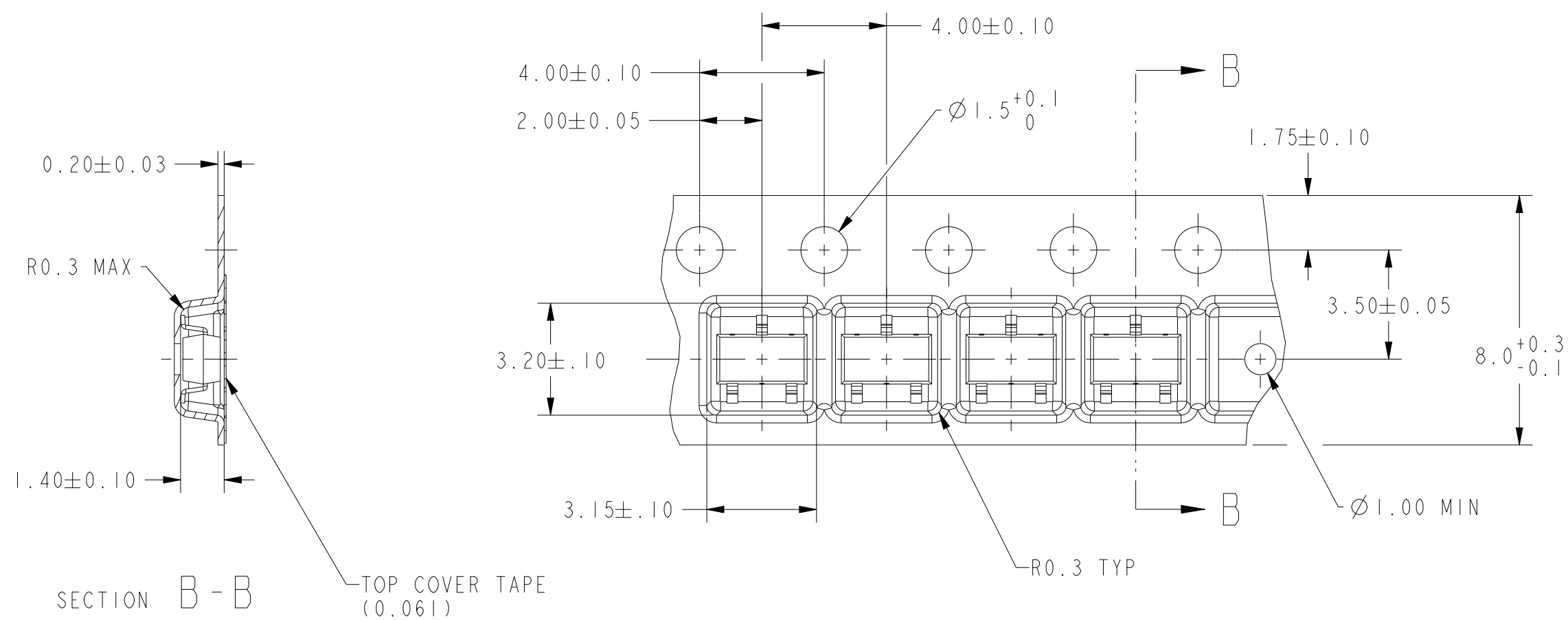
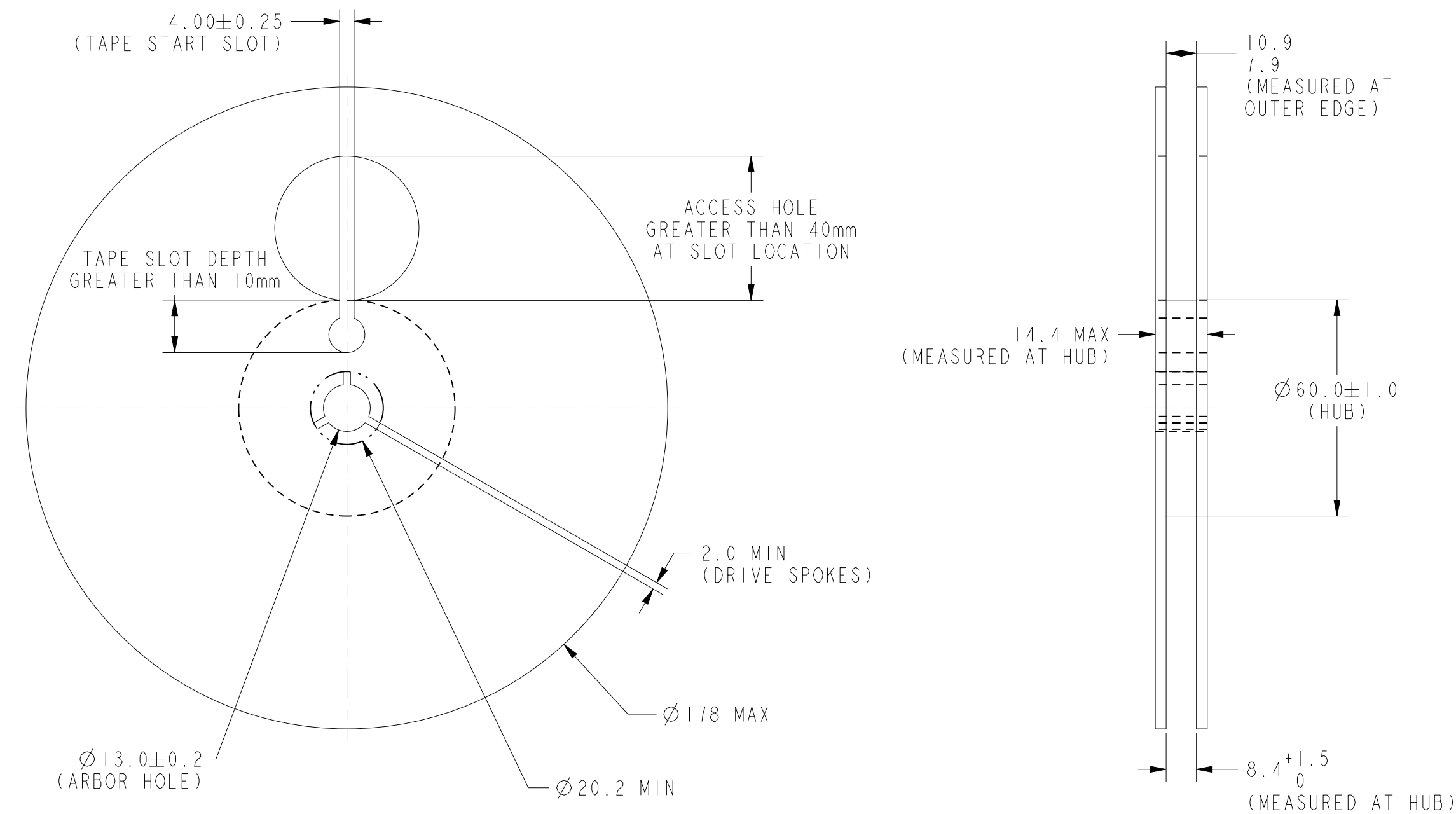
SEE DETAIL A



DETAIL A
SCALE 40:1



DESIGN UNITS: MM TOLERANCES UNLESS NOTED:	DRAWN JLH 16 SEP 09	Honeywell		
NO PLACES X ± 1.000 ONE PLACE .X ± 0.40 TWO PLACE .XX ± 0.150 THREE PLACE .XXX ± 0.005 ANGLES X ± 3.0°	CHECK JLH 16 SEP 09			
THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.		TITLE SOLID STATE SENSOR, IC		
INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY		SIZE C	TYPE I	REV C
Pro/ENGINEER 3D		CAGE CODE -	DRAWING NAME SS361CT	SHEET 1 OF 3

TAPE AND REEL DIMENSIONS 5

DIRECTION OF FEED FROM REEL



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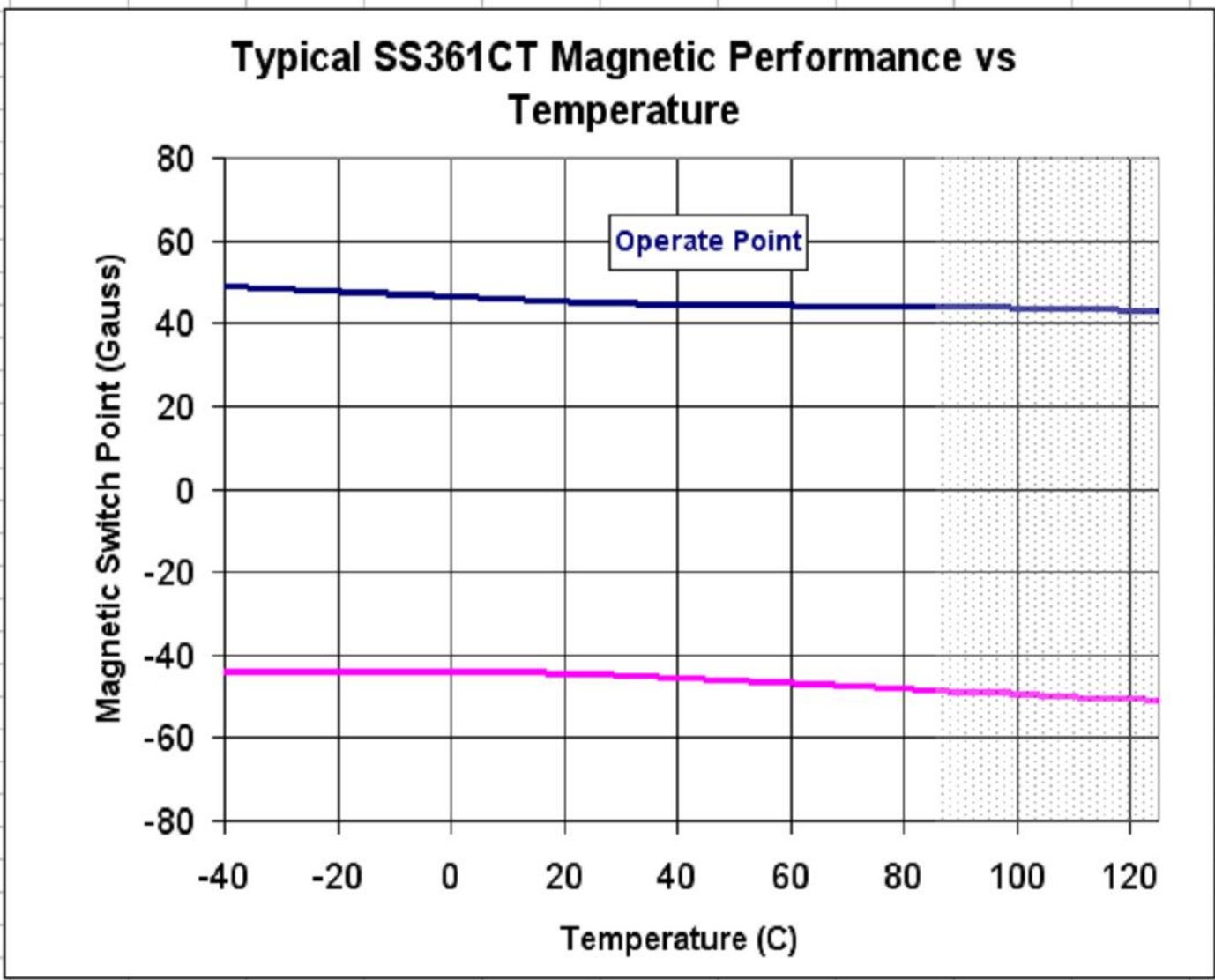
SIZE	TYPE	CAGE CODE	DRAWING NAME	REV
C	I	-	SS361CT	C
SCALE	NONE		SHEET	2 OF 3

CHARACTERISTICS ARE AT V_s=4.0 TO 24 VOLTS WITH 20 mA LOAD WITH  
T_A=-40°C TO +125°C UNLESS OTHERWISE NOTED

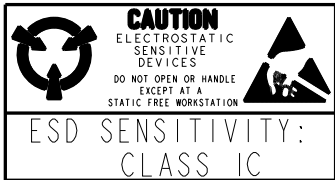
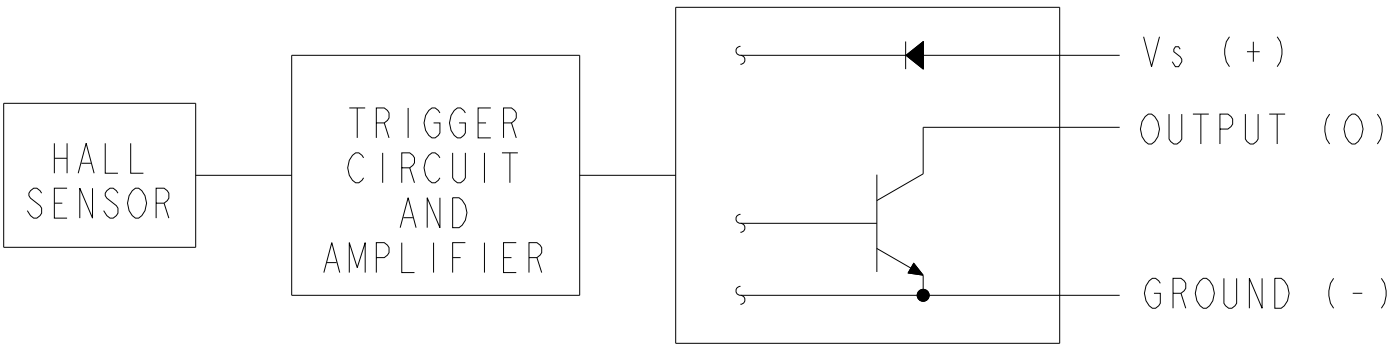
PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SUPPLY VOLTAGE	-40°C TO 125°C	4.0		24.0	VOLTS
SUPPLY CURRENT	VSUPPLY=5V AT 25°C		4.0	6.0	mA
				8.0	
OUTPUT CURRENT				20.0	mA
V _{sat}	GAUSS > 95			0.4	VOLTS
OUTPUT LEAKAGE	GAUSS < -95			10.0	μA
RISE TIME	25°C			1.5	μS
FALL TIME	25°C			1.5	μS
THERMAL RESISTANCE RθJA	SINGLE LAYER, SINGLE SIDED PCB		303		°C/W
OPERATE	-40°C TO 85°C	5	50	80	GAUSS
	-40°C TO 125°C	5	50	95	
RELEASE	-40°C TO 85°C	-80	-50	-5	GAUSS
	-40°C TO 125°C	-95	-50	-5	
DIFFERENTIAL	-40°C TO 85°C	50	100	160	GAUSS
	-40°C TO 125°C	50	100	190	
OPERATING TEMP		-40		+125	°C
STORAGE TEMP		-40		+150	°C

ABSOLUTE MAXIMUM RATINGS

PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SUPPLY VOLTAGE		-28.0		28.0	VOLTS
APPLIED OUTPUT VOLTAGE		-0.5		28.0	VOLTS
OUTPUT CURRENT				20.0	mA
MAGNETIC FLUX				NO LIMIT	GAUSS



BLOCK DIAGRAM CURRENT SINKING OUTPUT



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Honeywell				
SIZE	TYPE	CAGE CODE	DRAWING NAME	REV
C	I	-	SS361CT	C
SCALE	NONE		SHEET	3 OF 3

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