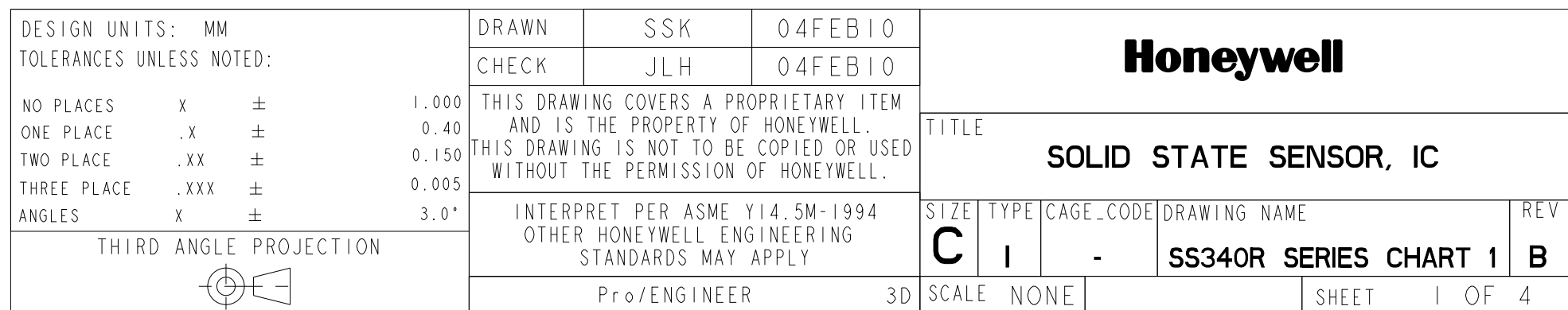
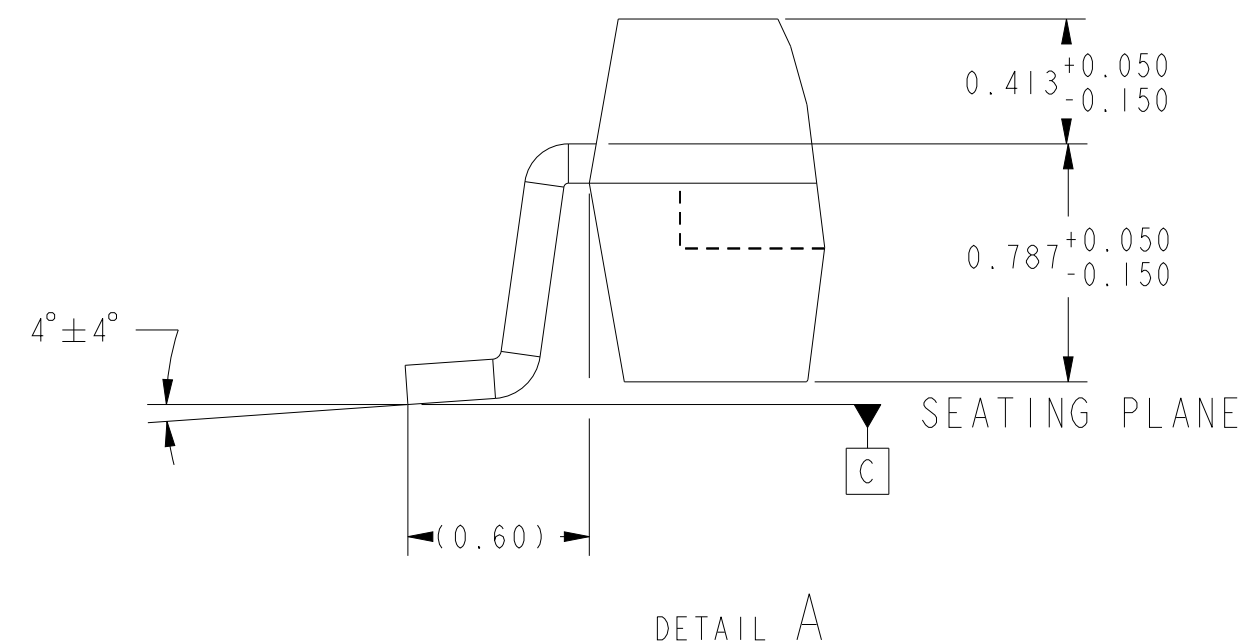
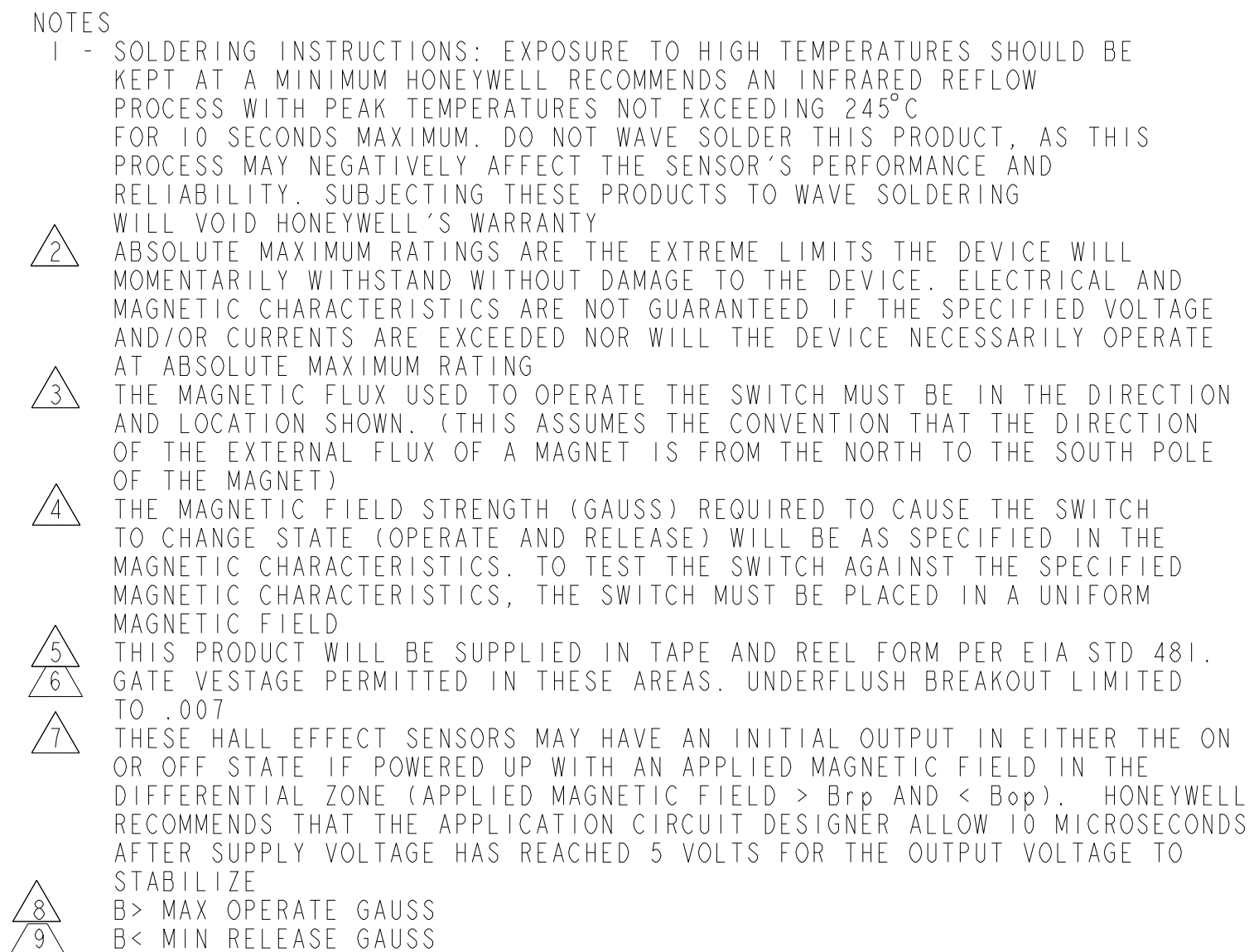
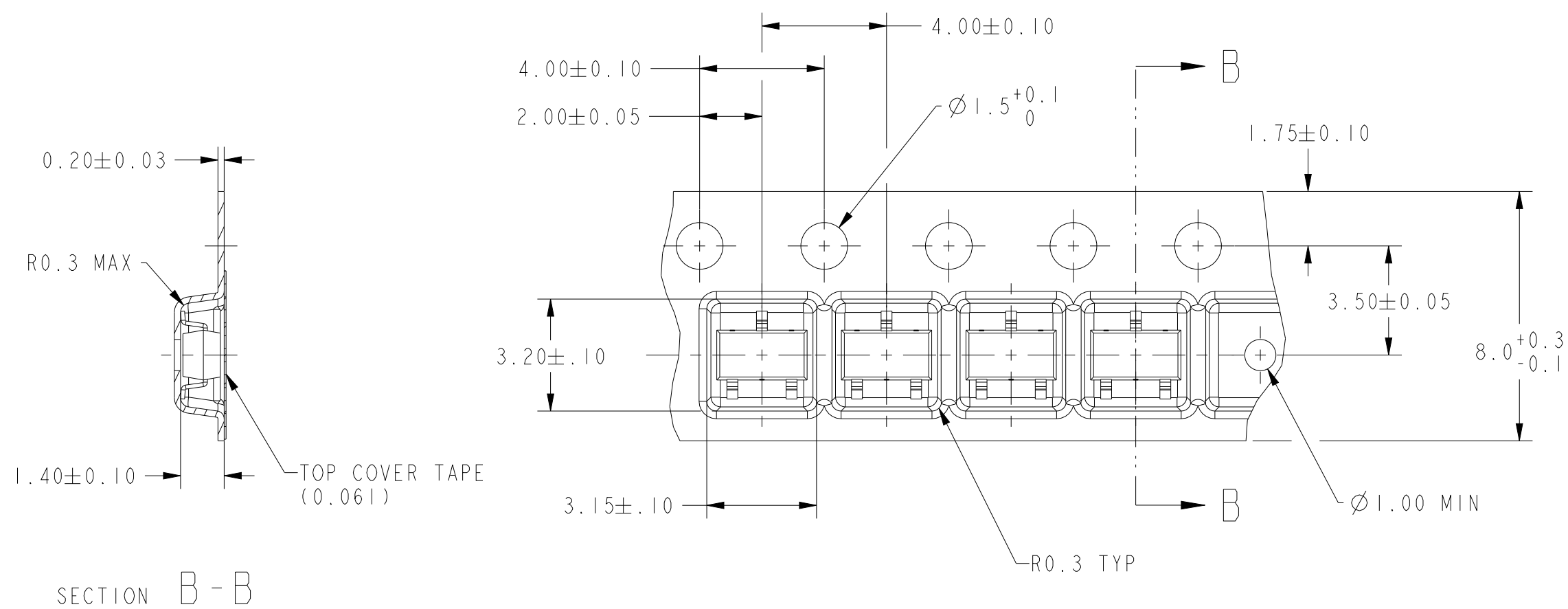
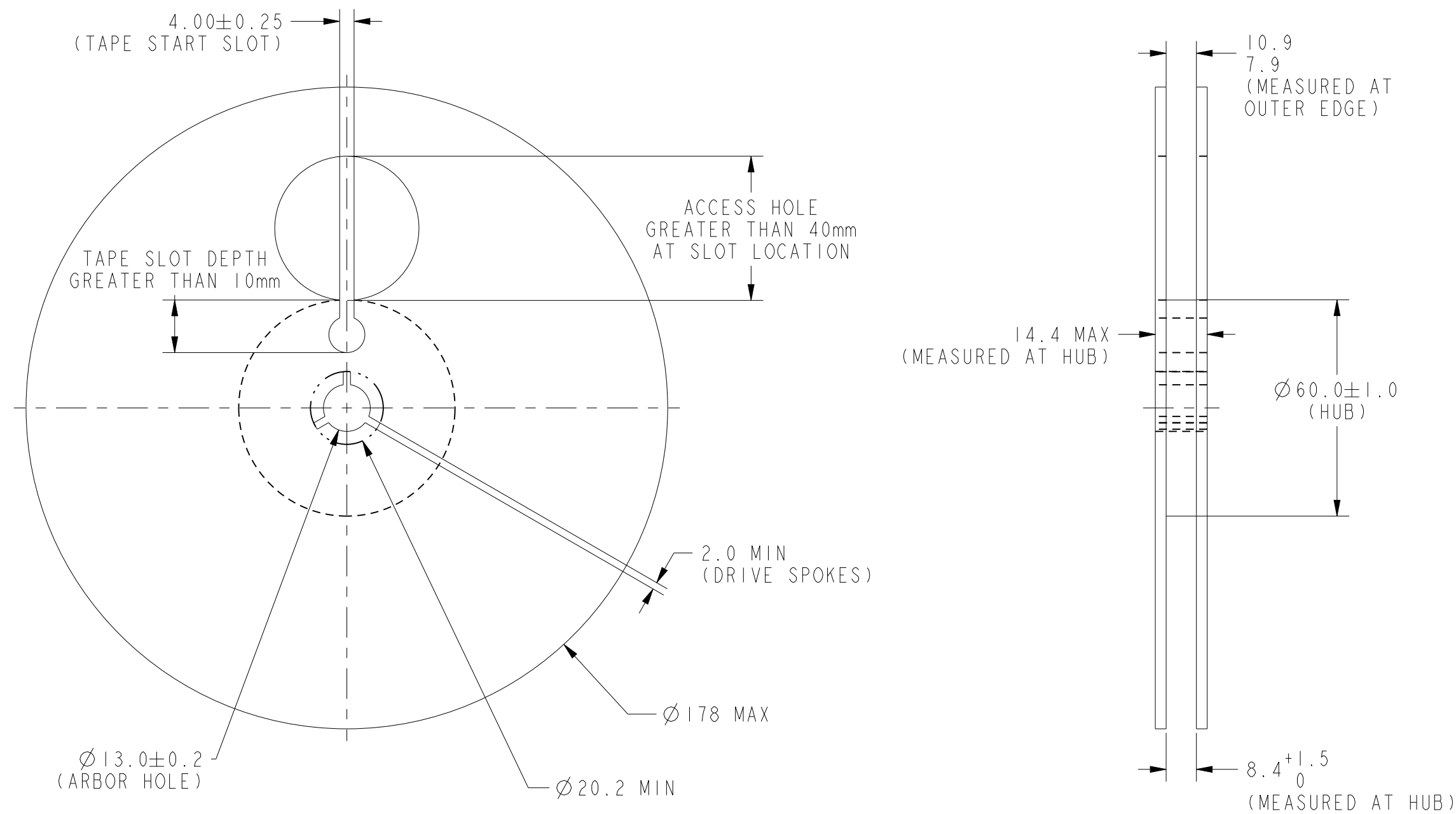


REV	DOCUMENT	CHANGED BY	CHECK
B	0068435	MH 19AUG10	RS



TAPE AND REEL DIMENSIONS 5

DIRECTION OF FEED FROM REEL



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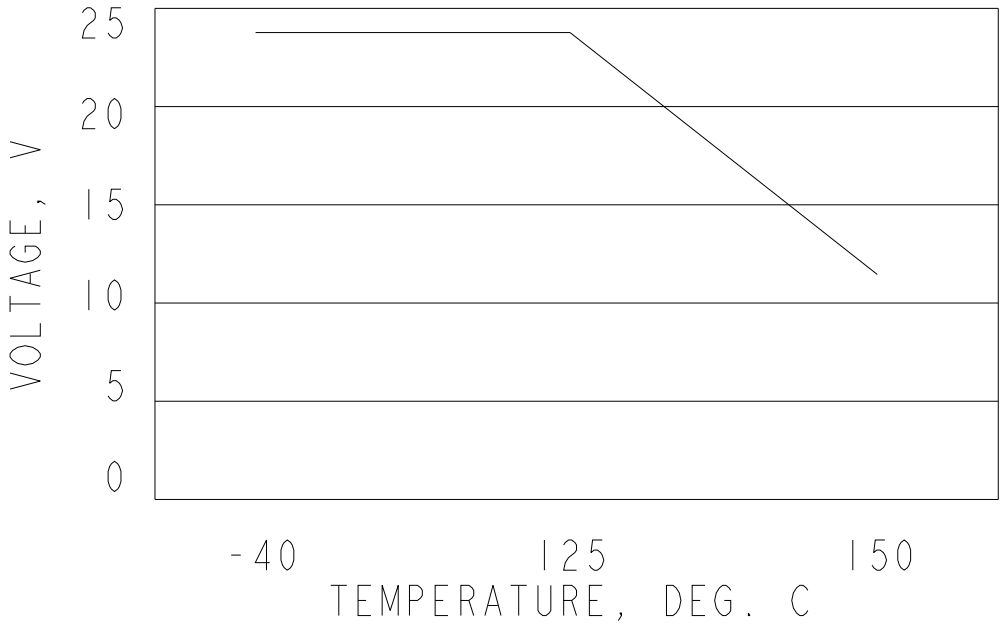
Honeywell

SIZE	TYPE	CAGE CODE	DRAWING NAME	REV
C	I	-	SS340R SERIES CHART 1	B
SCALE	NONE		SHEET	2 OF 4

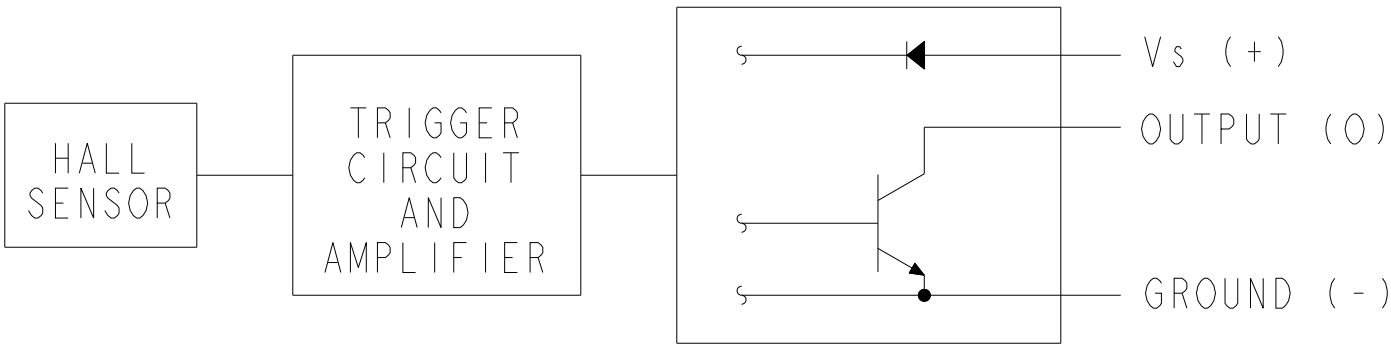
CHARACTERISTICS ARE AT V_s=3.0 TO 24 VOLTS WITH 20 mA LOAD WITH  
T_A=-40°C TO +150°C UNLESS OTHERWISE NOTED

PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SUPPLY VOLTAGE	-40°C TO 125°C	3.0		24.0	VOLTS
	150°C	3.0		12.0	
SUPPLY CURRENT	VSUPPLY=5V AT 25°C		4.0	6.0	mA
	VSUPPLY=3V AT 25°C		3.5	5.0	
				8.0	
OUTPUT CURRENT				20.0	mA
Vsat				0.4	VOLTS
OUTPUT LEAKAGE				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					
SS341RT		35	75	135	GAUSS
SS343RT		45	135	205	GAUSS
SS349RT		240	305	460	GAUSS
RELEASE					
SS341RT		10	35	120	GAUSS
SS343RT		40	85	180	GAUSS
SS349RT		135	225	370	GAUSS
DIFFERENTIAL					
SS341RT		5	40	80	GAUSS
SS343RT		5	50	120	GAUSS
SS349RT		30	80	170	GAUSS
OPERATING TEMP		-40		+150	°C
STORAGE TEMP		-40		+150	°C

RATED SUPPLY VOLTAGE



BLOCK DIAGRAM CURRENT SINKING OUTPUT



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

CATALOG LISTING	MAGNETIC TYPE	CATALOG LISTING ID
SS341RT	UNIPOLAR	S341R
SS343RT	UNIPOLAR	S343R
SS349RT	UNIPOLAR	S349R



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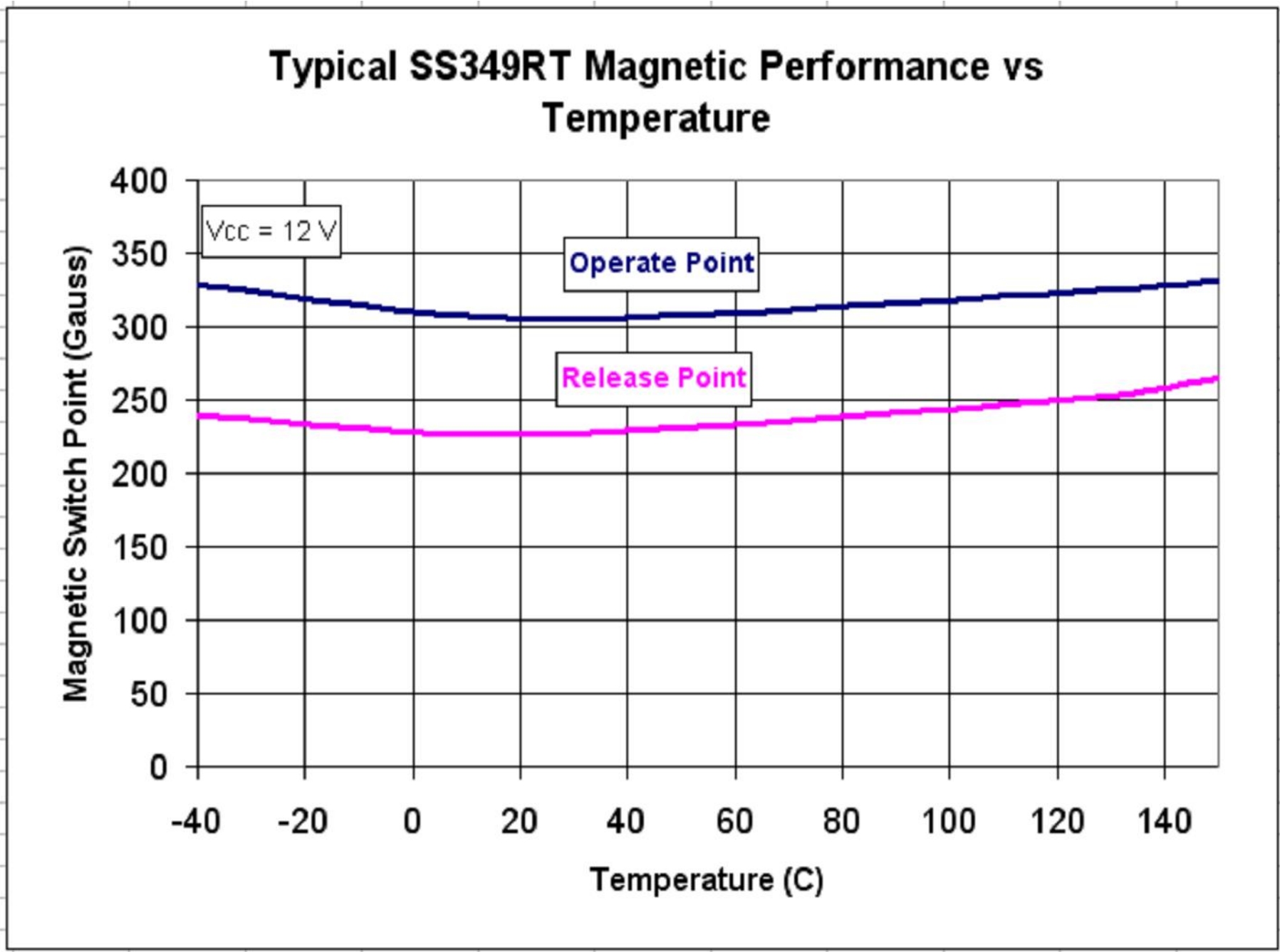
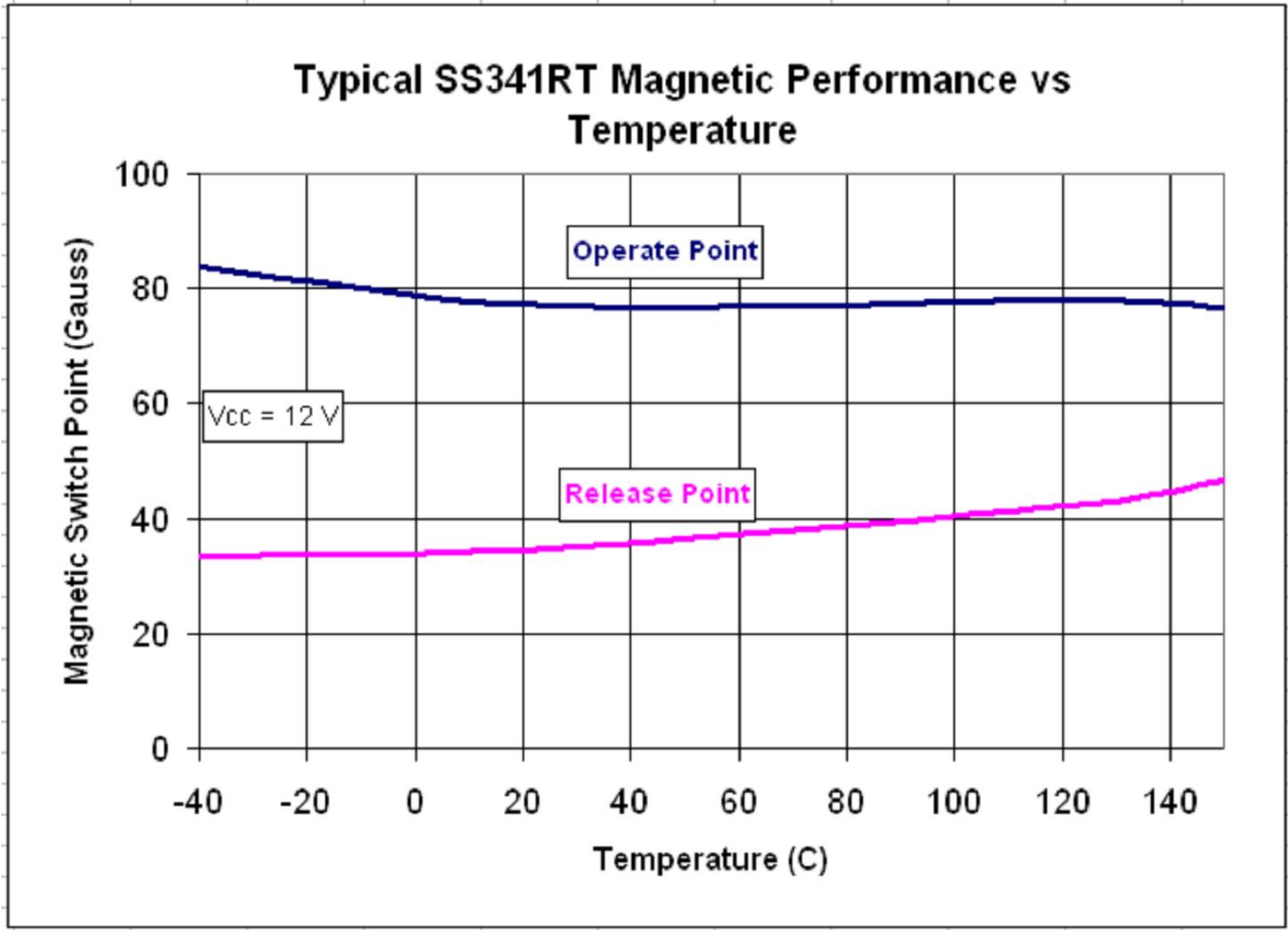
Honeywell					
SIZE	TYPE	CAGE CODE	DRAWING NAME	REV	
C	I	-	SS340R SERIES CHART 1	B	
SCALE	NONE		SHEET	3 OF 4	

D

C

B

A

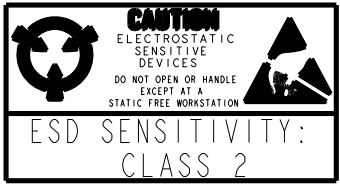
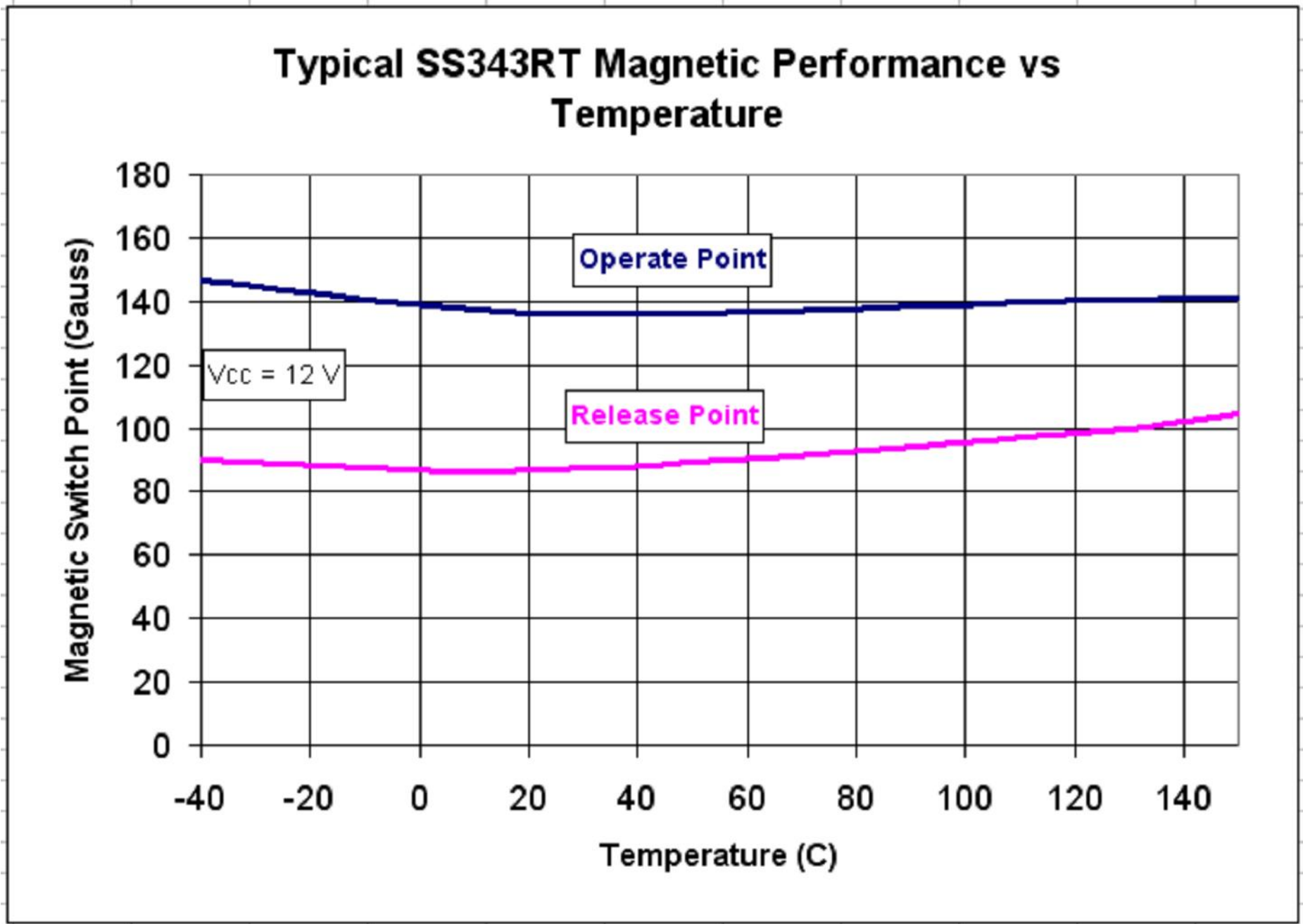


D

C

B

A



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Honeywell				
SIZE	TYPE	CAGE CODE	DRAWING NAME	REV
C	I	-	SS340R SERIES CHART 1	B
SCALE NONE		SHEET 4 OF 4		