

Description

HA5881

H E

20 A.

(A).

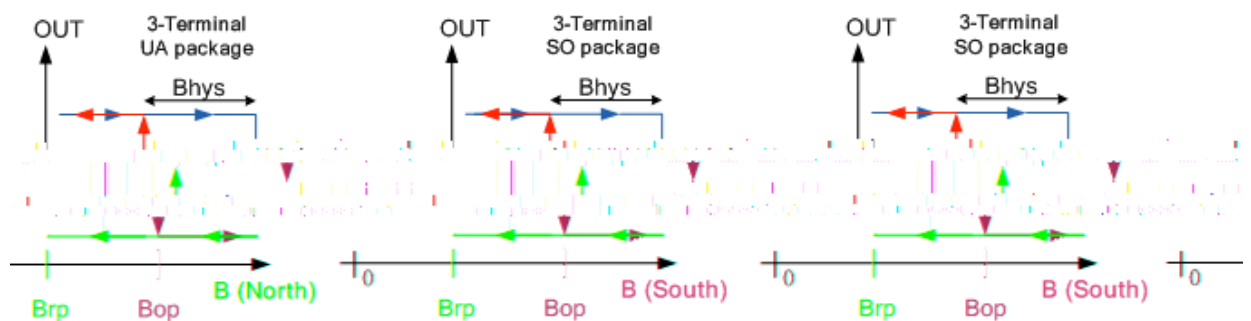
A

2.5 24

Features

- D H (2.5 24)
- H
- H (B B)

Output state



Name	Terminal		TYPE	DESCRIPTION
	UA	SO		
DD	1	1		2.5 24
G D	2	3	G	G
	3	2		-

Absolute Maximum Ratings

		MIN	MAX	UNIT
DD		-0.5	30	
		-0.5	40	
I _I		0	30	A
, J		-40	175	°C
		-65	150	°C
E D	HB E D	-4.0	4.0	
	E D	-400	400	

Electrical Characteristics

PARAMETER		TEST CONDITIONS	MIN	TYP	MAX	UNIT
DD			2.5	--	24	
I _{DD}		DD=2.5 24	1	1.5	3.5	A
	-		--	35	50	μ
I	-	H-	--	--	1	μA
D ()	FE -	DD=5 , I =10 A, A=25°C	--	20	--	Ω
		B=0G B + 100G	--	13	25	μ
		1=1 C =50 F	--	--	0.5	μ
		1=1 C =50 F	--	--	0.2	μ

Magnetic Characteristics

B _B	B		20	--	--	H
B		A	45	+65	85	G
B			25	+45	65	G
B _H	H		-	20	-	G
B		23	45	+65	85	G
B			25	+45	65	G
B _H	H		-	20	-	G
B		23-3	-85	-65	-45	G
B			-65	-45	-25	G
B _H	H		-	20	-	G

Function Description Overview

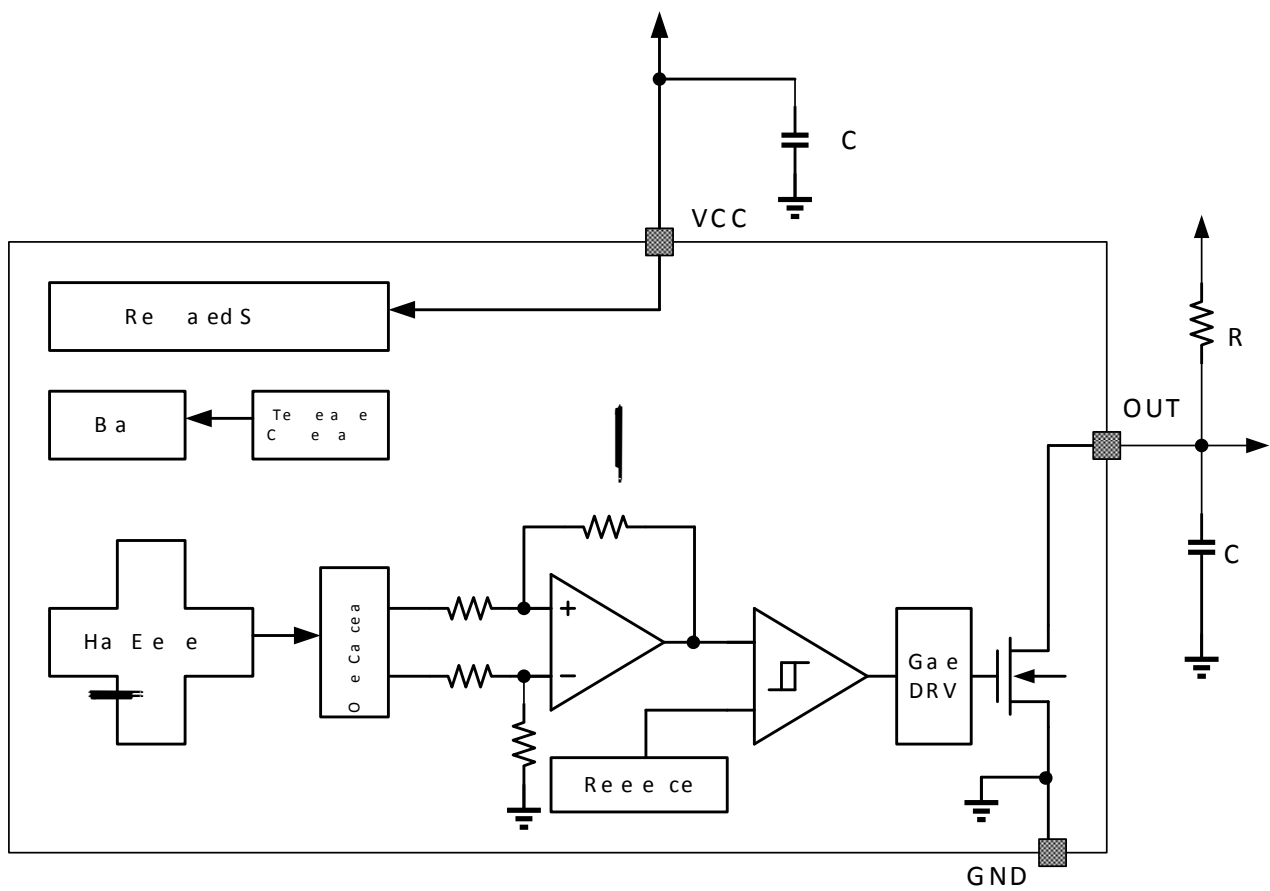
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 H , B .
 A - , ()
 20 A. , B ,
 () .
 , B_H , -

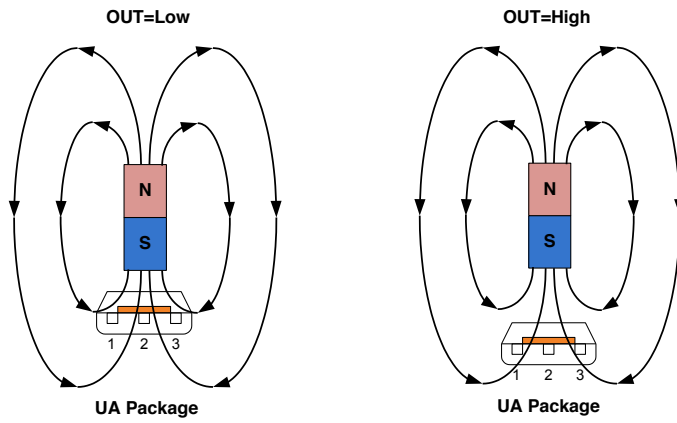
Functional Block Diagram



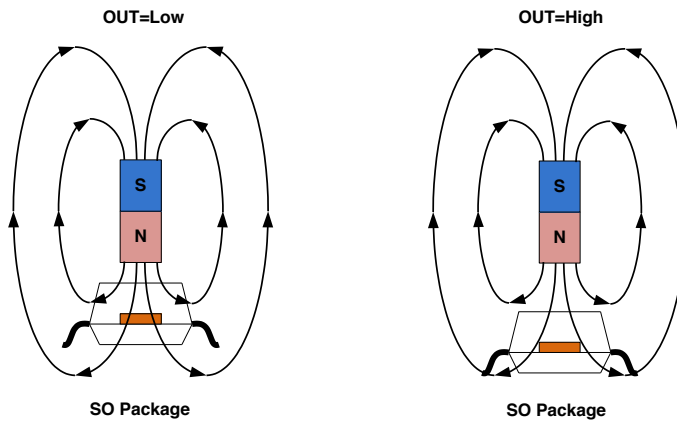
Field Direction Definition

A

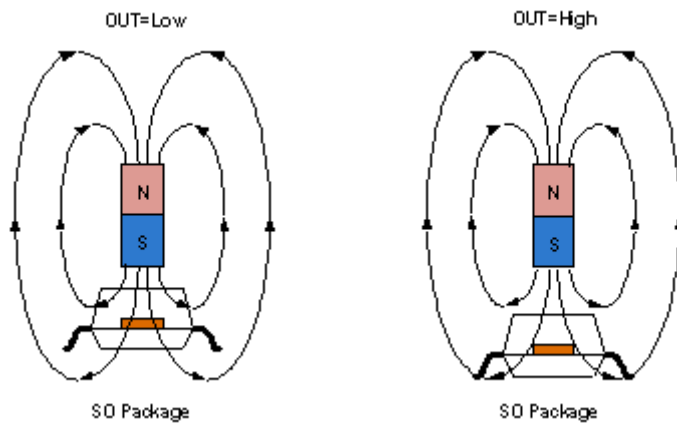
TO-92S Package



SOT23-3 Package



SOT23 Package

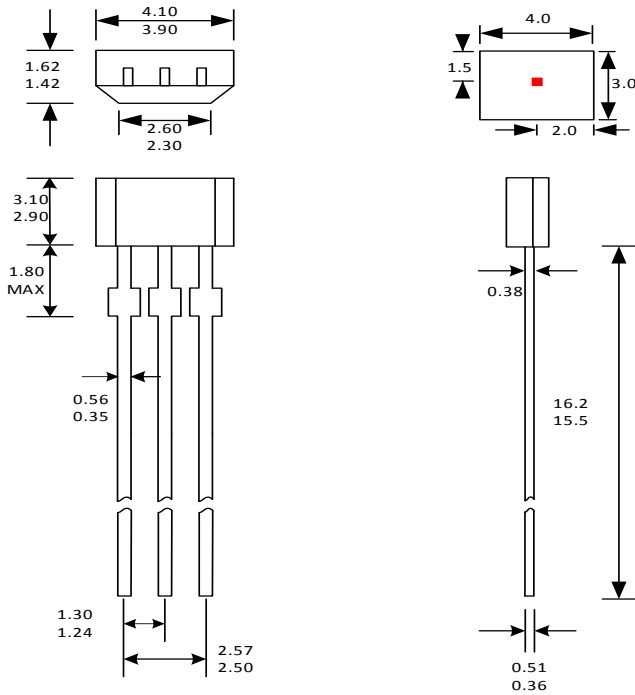


I H F A B B , B , . I B , . F , B , . I B , .

Package Designator (UA)

3-Terminal
UA Package

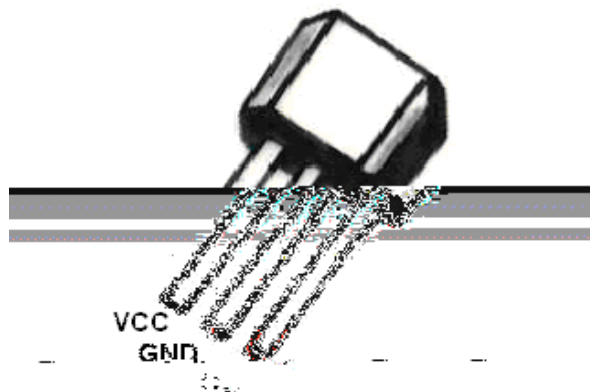
Dimension:mm



Notes:

1. Exact body and lead configuration at vendor's option within limits shown.
2. Height does not include mold gate flash.

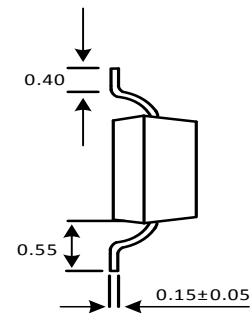
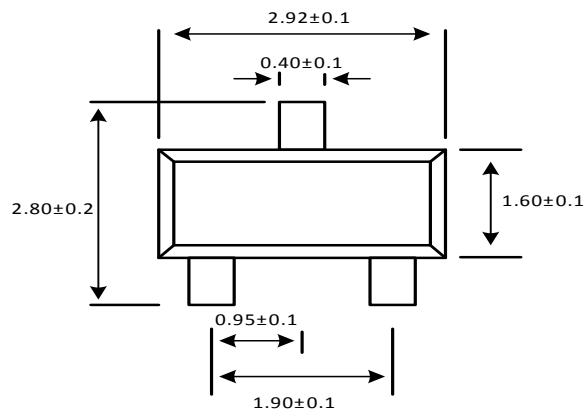
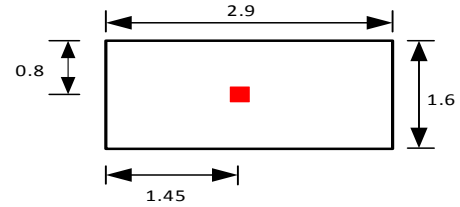
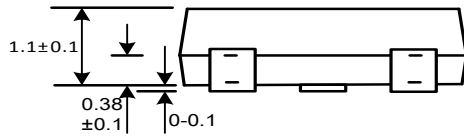
Where no tolerance is specified, dimension is nominal.



Package Designator (SOT23-3)

3-Terminal
SO Package

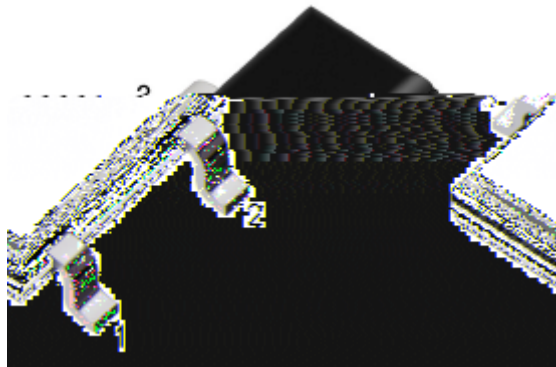
Dimension:mm



Notes:

1. Exact body and lead configuration at vendor's option within limits shown.
2. Height does not include mold gate flash.

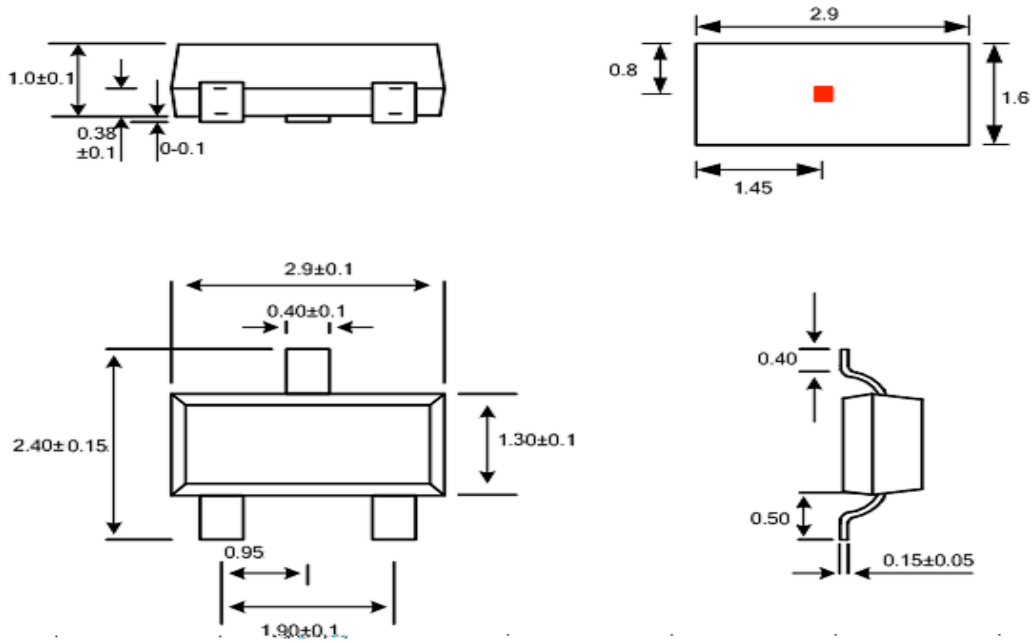
Where no tolerance is specified, dimension is nominal.



Package Designator (SOT23)

3-Terminal
SO Package

Dimension:mm



Notes:

1. All dimensions are in millimeters unless otherwise specified.
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