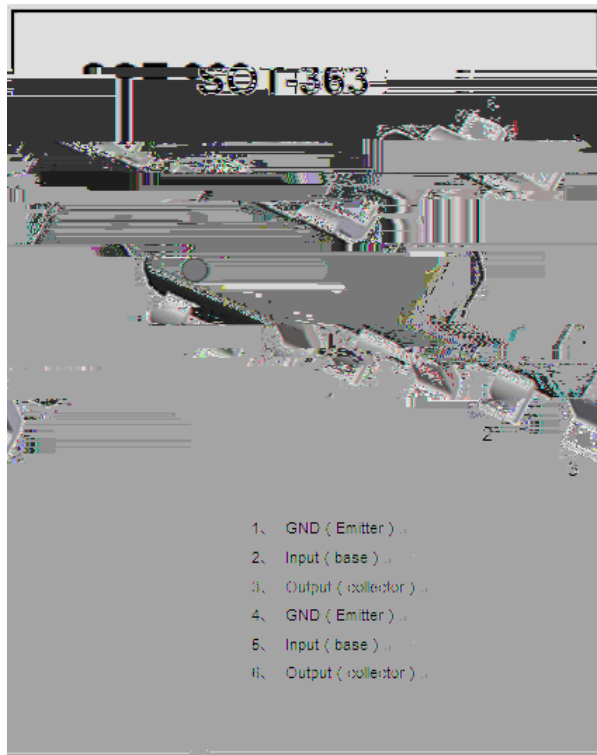


Dual NPN Digital Transistors (Built-in Resistors)



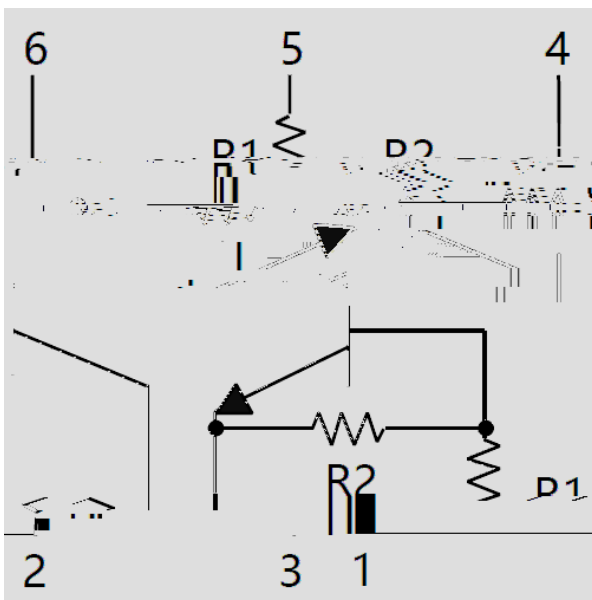
Features

- Epoxy meets UL-94 V-0 flammability rating
- Built-in bias resistors enable the configuration of an inverter circuit without connecting external input resistors
- Surface mount package ideally Suited for Automatic Insertion

Mechanical Data

- **Package:** SOT-363
- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Marking:** H1

Equivalent circuit



V0D[LPXP 5DWLQJ 8QOHVV RWKHU²LVH VSHFLILHG

,7(0	6<0%2/	81,7	&21',7,216	9\$/8(
6XSSO\ 9ROWDJH		9&&	9	
,QSW 9ROWDJH		9,1	9	
2XWSXW &XUUHQW		,2	P\$	
3RZHU 'LVVLSDWLRQ		3'	P:	
-XQFWLRQ 7HPSHUVKUH	7M	-		
6WRUDJH 7HPSHUDWXUH		- 767*		WR

WR

V(OHFWULFDO &KDDFWXQO²WLVH VSHFLILHG

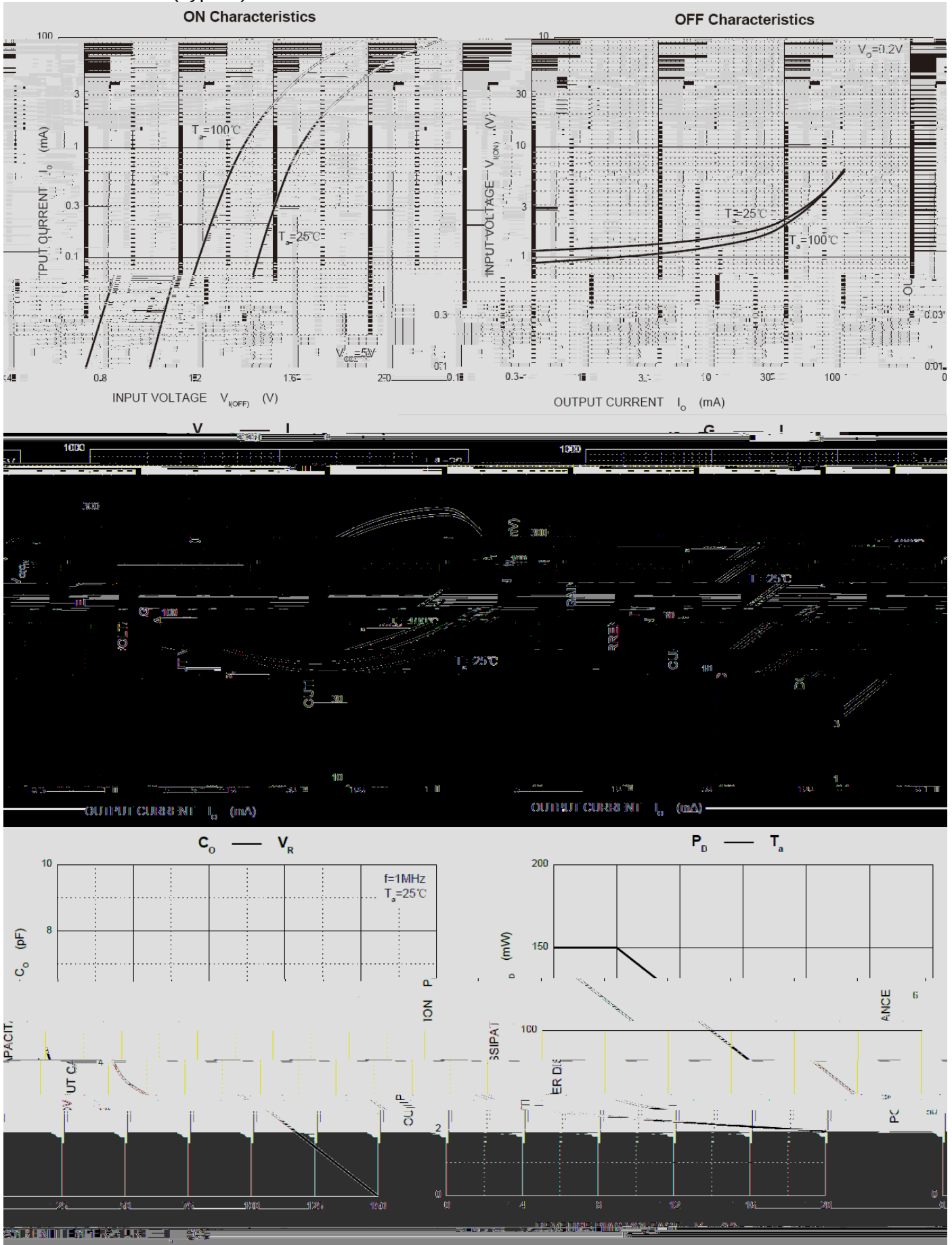
,7(0	6<0%2/	81,7	&21',7,216	0,1	7<3	0\$;
,QSW YROWDJH	9,RII	9	9&& 9 ,F X\$			
	9,RQ	9	9 9 ,F P\$			
2XWSXW YROWDJH	RQ	9R	,R ,L P\$ P\$			
,QSW FXUUHQW	,,	P\$	9, 9			
2XWSXW FXUUHQW	2 RII	,X\$	9&& 9 9L			
'& FXUUHQW JDLQ		*,	9R 9 ,R P\$			
,QSW UHVLVWDQFH		N5				
5HVLVWDQFH UDWLR	5	5				
7UDQVLWLRQ IUHTXHQF\		+] I7	9&(90,(P\$ I 0+]			

v2UGHULQJ ,QIRUP²WRQ

35() (5(' 3 1	3\$&.,1 &2' (	81,7 : (, * +7	0,1,080 3\$&.\$*(SF	,11(5 %2; 48\$17,7< S	287(5 &\$572 48\$17,7< SF	'(/,9(5< 02' (
80+ 1	)	\$SSUR[LPDWH J				

UHH

■ Characteristics (Typical)





Technical drawing of a mechanical part showing dimensions and a table of values.

Dimensions:

- e_1
- e
- E_1

Table of Values:

DIMENSIONS	
DIM	VALUES
MIN	MAX
0.9	1.1
0	0.1
0.9	1
0.15	0.35
0.000	0.000
0.087	0.087
2.2	2.2
0.040	0.040
1.10	1.10
1.30	1.30
0.631yp	0.631yp
1.2	1.4

Table of Values (continued):

DIMENSIONS	
DIM	VALUES
MIN	MAX
0.033	0.043
0	0.004
0.038	0.039
0.006	0.014
0.000	0.000
0.071	0.071
0.085	0.096
0.0261yp	0.0261yp
0.043	0.033

Technical drawing showing a 3x3 grid of squares. The dimensions are indicated as follows:

- Horizontal spacing between vertical center lines: 0.65
- Vertical spacing between horizontal center lines: 1.94
- Horizontal spacing between the left edge of the first column and the center line of the first column: 0.4
- Vertical spacing between the bottom edge of the first row and the center line of the first row: 0.8

4 / 5



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