

-10

A B A3 F
: _____

H G ,L G D , ,G ,518172

1.

(1) C

(C : 50 600% IF = 5 A, CE = 5)

(C : 63 320% IF = 10 A, CE = 5)

(2) H - (= 5,000)

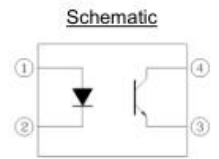
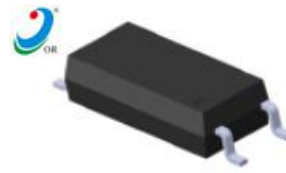
(3) H - (CE = 70)

(4) -55 110

(5) C > 8

(6) E

(7) L - : 2.3 : -10



Pin Configuration

- 1. Anode
- 2. Cathode
- 3. Emitter
- 4. Collector

2.

-10

4-

3.

(1)

(2)

(3)

(4) H

(5)

(2)

		60	
		125	
		6	
		100	
		0	
		7	
		50	
		150	
		250	
*1		5000	
		-55 + 110	
		-55 + 125	
*2		260	

*1 1 , . . . 40 60% . . . , 1,2 , 3,4 .

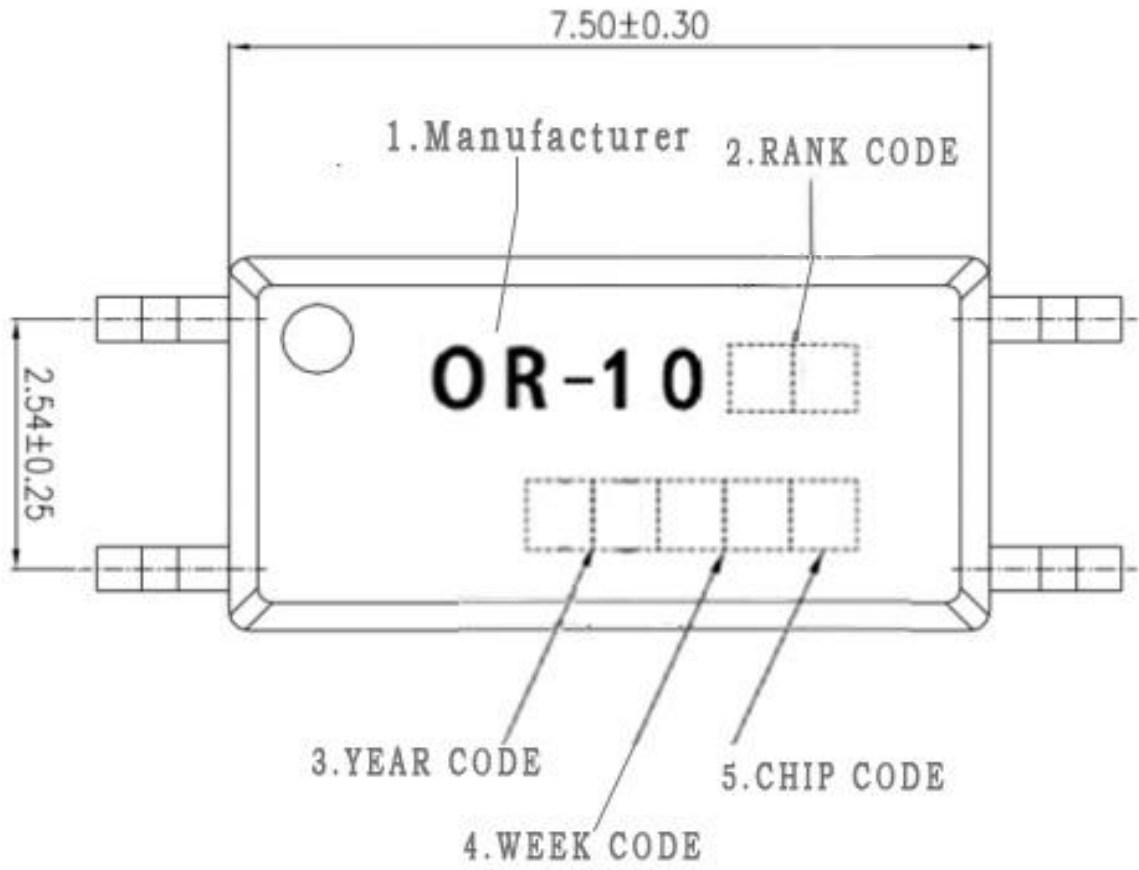
*2 10

2

	F C		50	---	1.25	1.6	
			4	---	---	10	
	C		0, 1	---	50	---	
	C C		20 , 0	---	10	100	
	C E		1 0	0	---	---	
	E C		0.1 0	7	---	---	
	*1 C		5	50	---	600	%
	C C		5	2.5	---	30	
	C E	()	10 1	---	---	0.3	
	I I		500 40 60% . . .	10 ¹²	---	---	
	F C		0, 1	---	0.3	---	
			5 , 2	---	3	1	
	D		100	---	4.7	1	

*1 C C = I_C / I_F 100%, C : 3%.

C	.	.	.	C
-1000	50		600	
-1001	100		160	
-1004	100		200	
-1005	50		150	
-1006	100		300	
-1007	80		160	% IF=5 A, CE=5 , =25
-1008	130		260	
-1009	200		400	
-1010	150		300	□
-1019	250		500	
-1020	300		400	
-1002	22			



(1)

(2) □

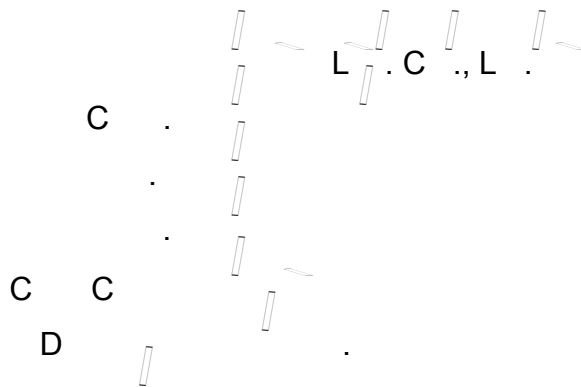
(3) □

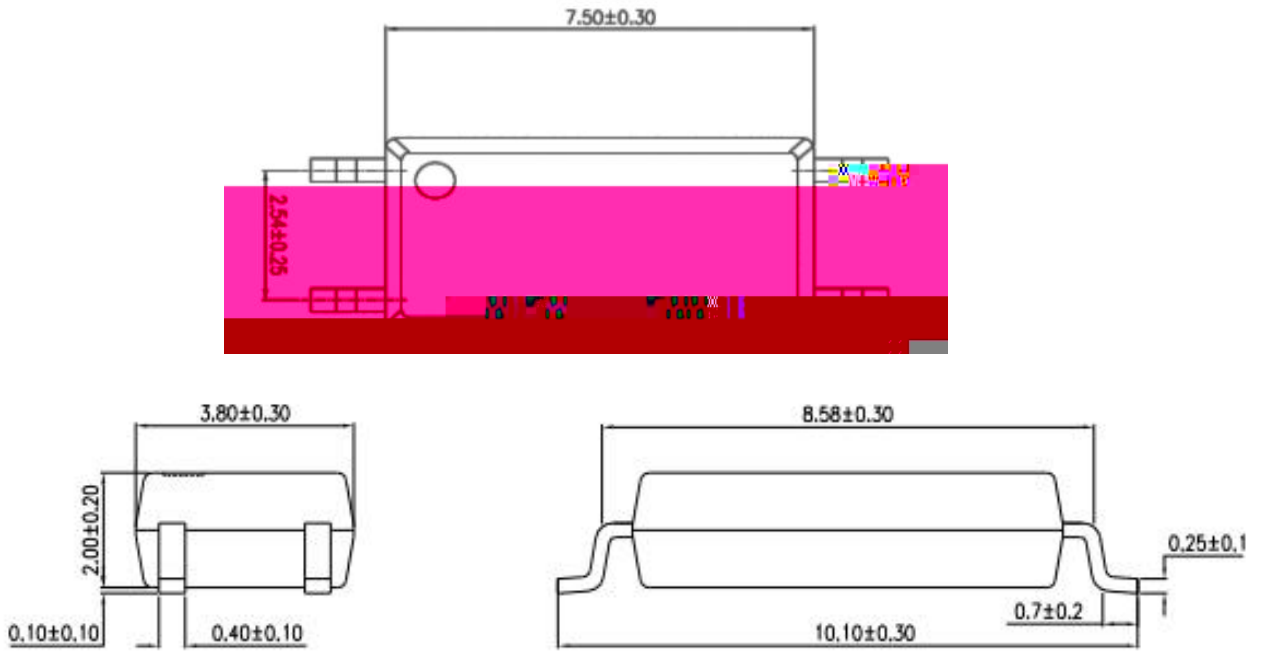
(4) □

(5) □

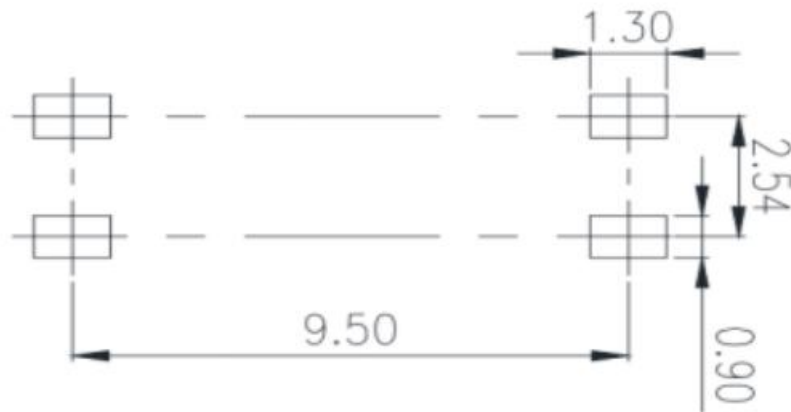
(6) -10

(7) :

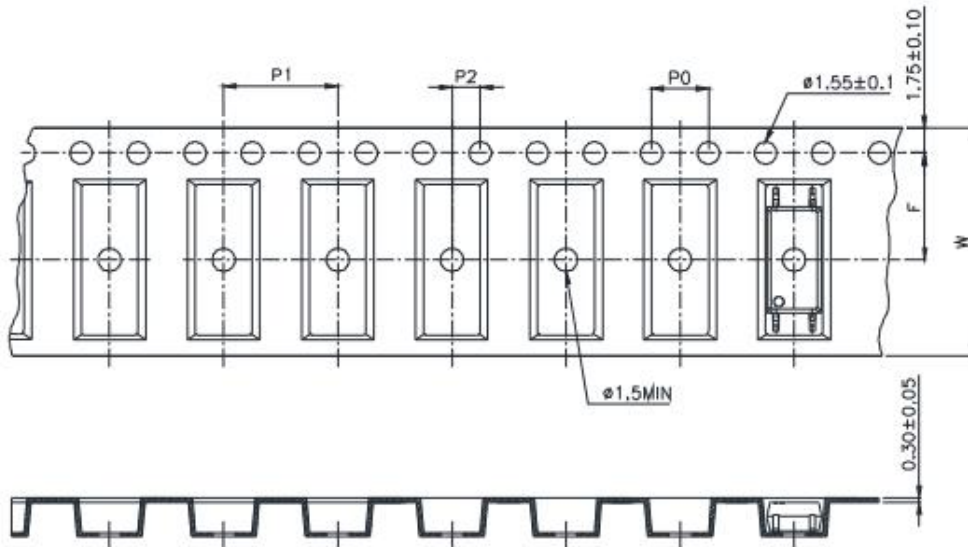




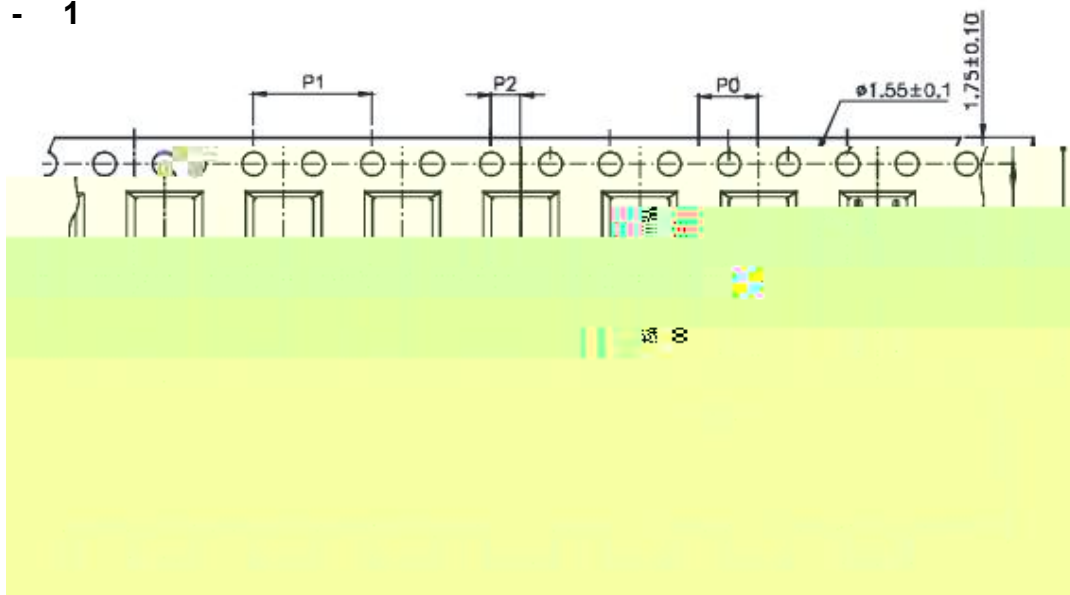
()



(1) -10 -



(2) -10 - 1



D		D ()
		16 0.3 (0.63)
	0	4 0.3 (0.15)
D	F	7.5 0.1 (0.295)
	2	2 0.1 (0.079)
D	1	8 0.1 (0.315)

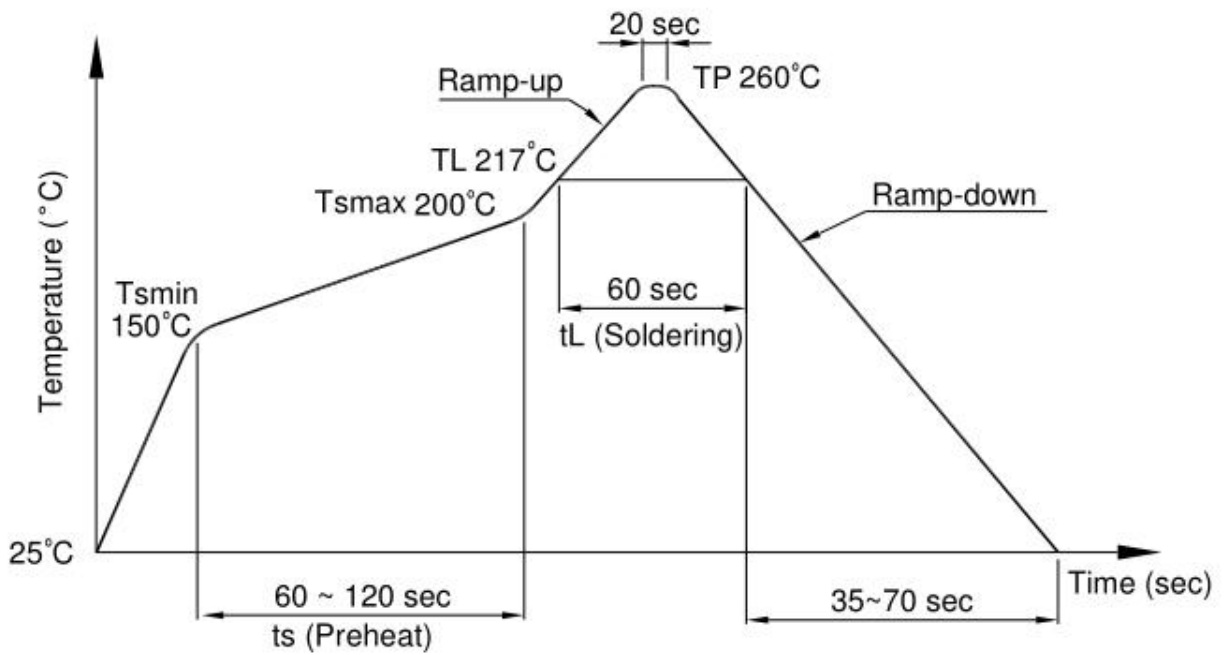
	-10 (/ 1)
()	3000

11.

(1). (- -020)



	C
- ()	150 C
- ()	200 C
- () ()	90 30
- (L)	217 C
- (L)	60
()	260 C
-	3 C /
-	3 6 C /



12.

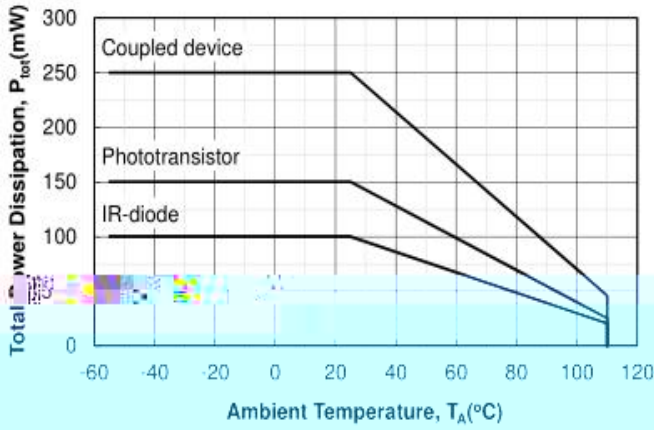


Figure 1. P_{tot} vs. T_A

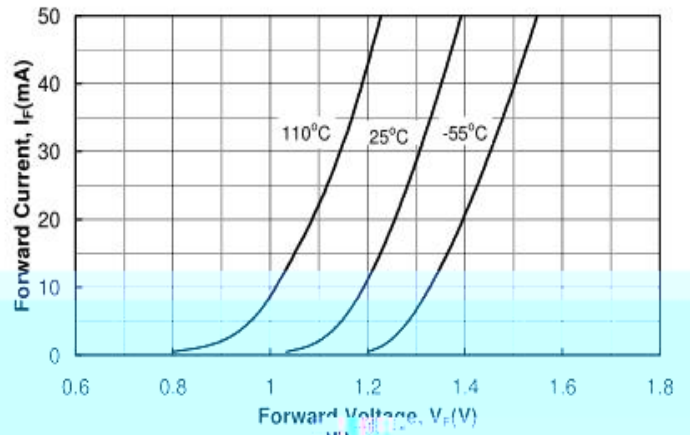
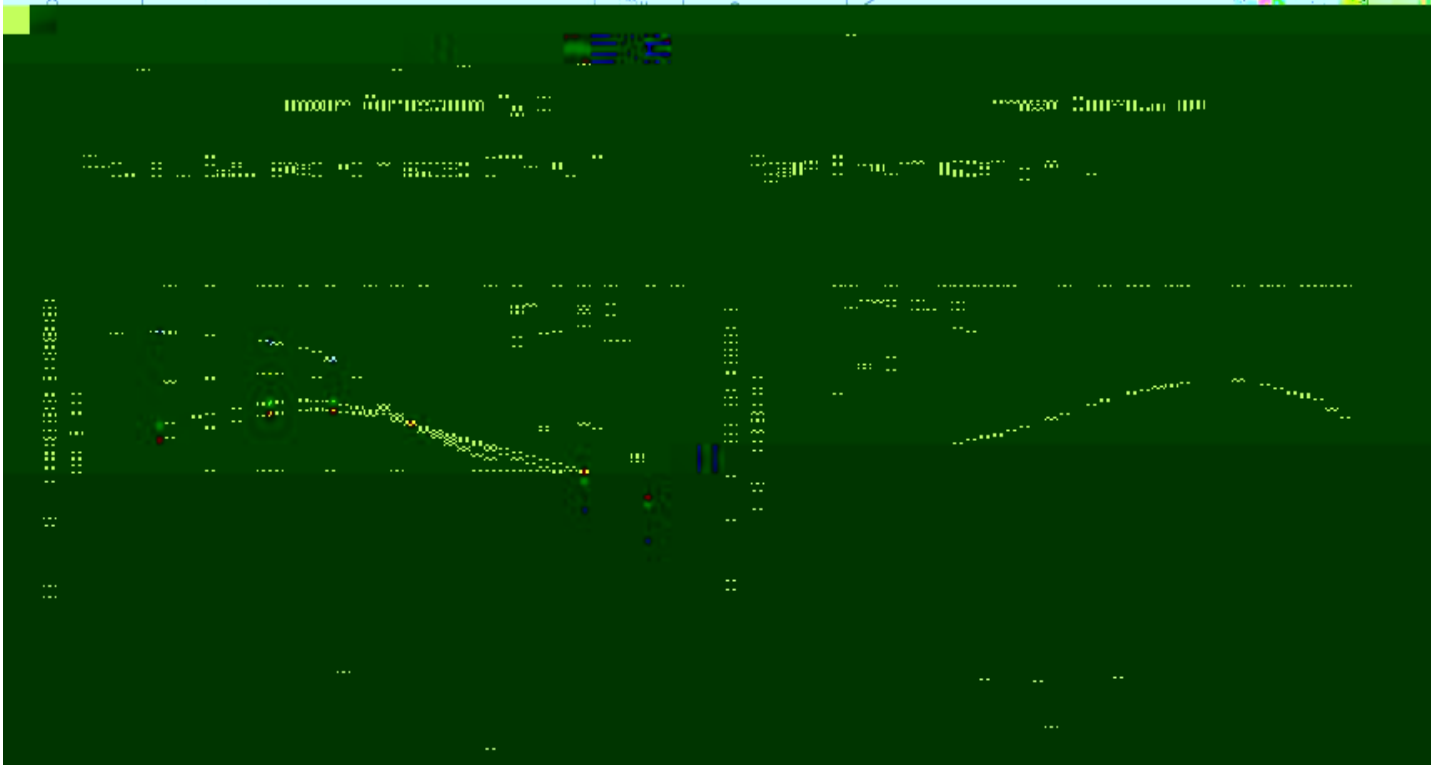
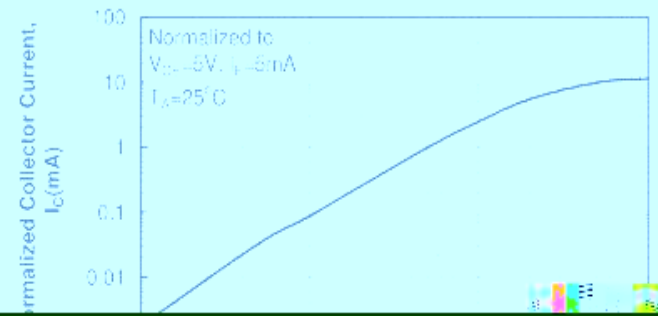
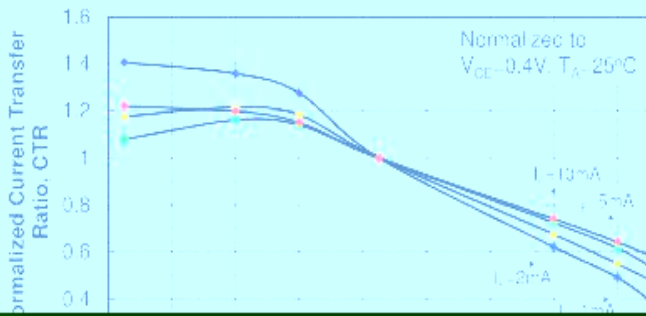


Figure 4. I_F vs. V_F



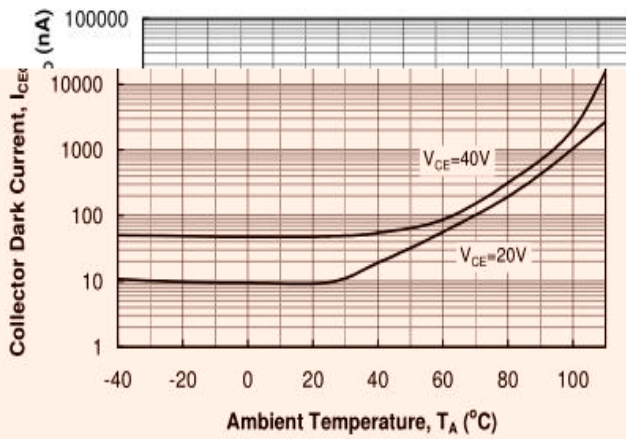


Figure 7. I_{CEO} vs. T_A

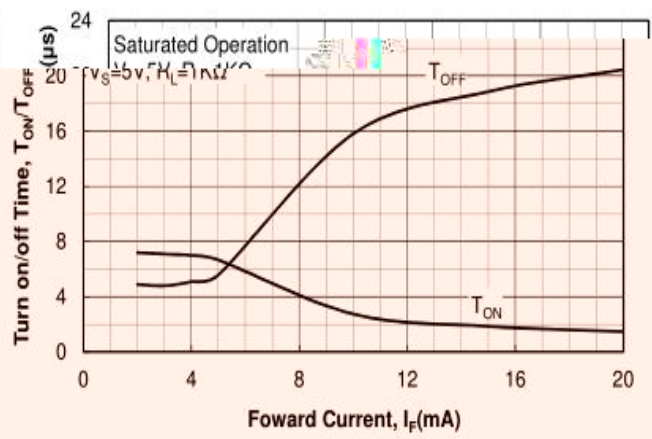


Figure 10. T_{ON} / T_{OFF} vs. I_F

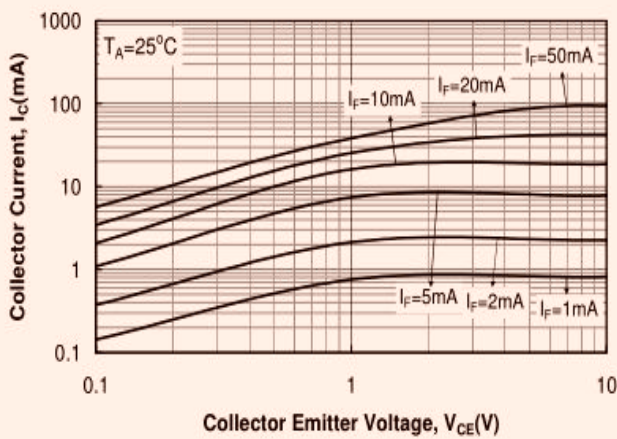


Figure 8. I_C vs. V_{CE}

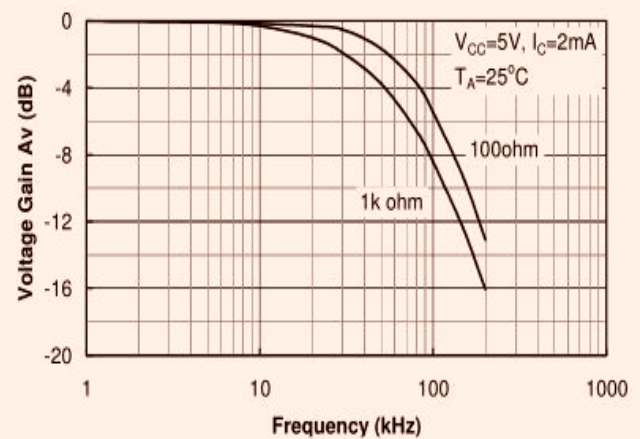


Figure 11. Frequency Response

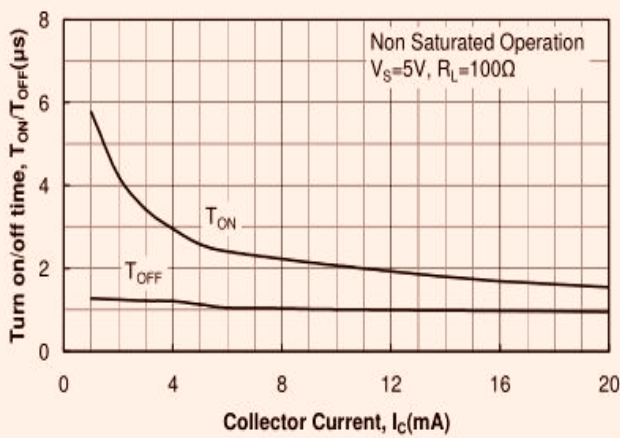


Figure 9. T_{ON} / T_{OFF} vs. I_C

