

: _____ -3 4-4 _____
: _____
: _____

一级代理商：

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1. Features

1. (): .20% = 1 , = 5 , =25
2. - .(=3,750)
3. = 80 ()
4. :-55 125
5. ,
- 6.

2. Instructions

-3 4-4

16-

2 3

3. Application Range

- (1).
- (2).
- (3).

4. Max Absolute rated Value (Normal Temperature=25)

		50	
	(=10)	1	
		6	
		65	
		125	
		80	
		7	
		50	
		150	
		125	
		200	
*1		3750	
		-55 +125	
		-55 +150	
*2		260	

*1. 1 , . . = 40 60%

(1)

(2)

(3)

*2. 10

5. Opto-electronic Characteristics(Normal Temperature=25)

Parameter		Symbol	Min	Typ.*	Max	Unit	Condition
Input			---	1.2	1.4		= 20
			---	60	---		=0, =1
Output			---	---	100		=20 , =0
	-		80	---	---		=0.1 =0
	-		7	---	---		=0.1 =0
	*1		20	---	400	%	=± 1 =5
			2	---	40		
Transforming Characteristics	-	()	---	---	0.4		= 8 = 2.4
			5 10 ¹⁰	1 10 ¹¹	---		500 40 60% . .
			---	0.8	1		=0, =1
			---	3	18		=10 , =2 ,
			---	4	18		=100 , =100

● = / 100%

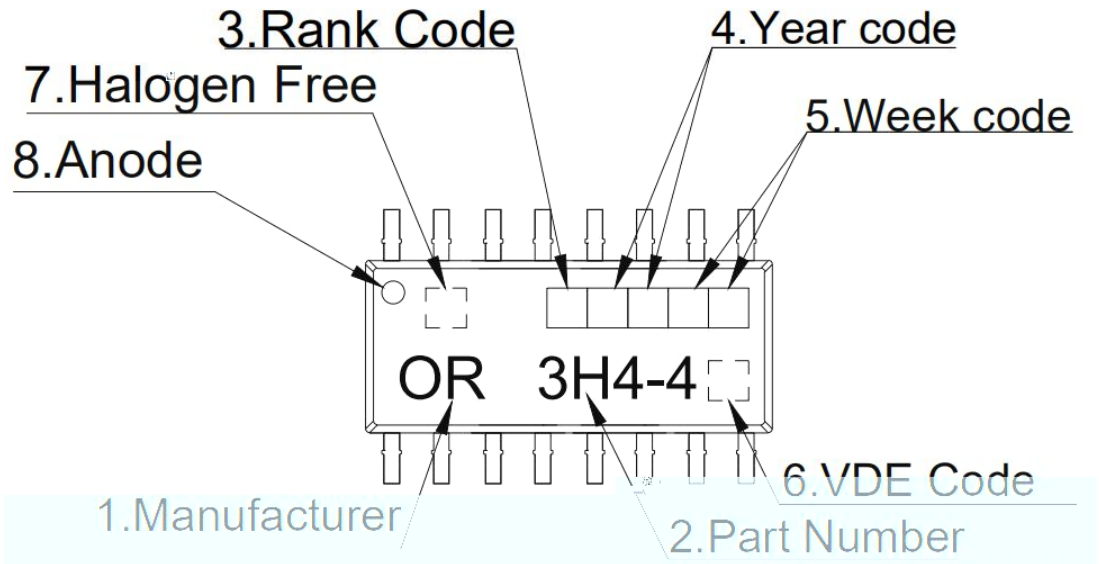
Conversion Ratio = $I_C / I_F \times 100\%$

7. Order Information

Part Number

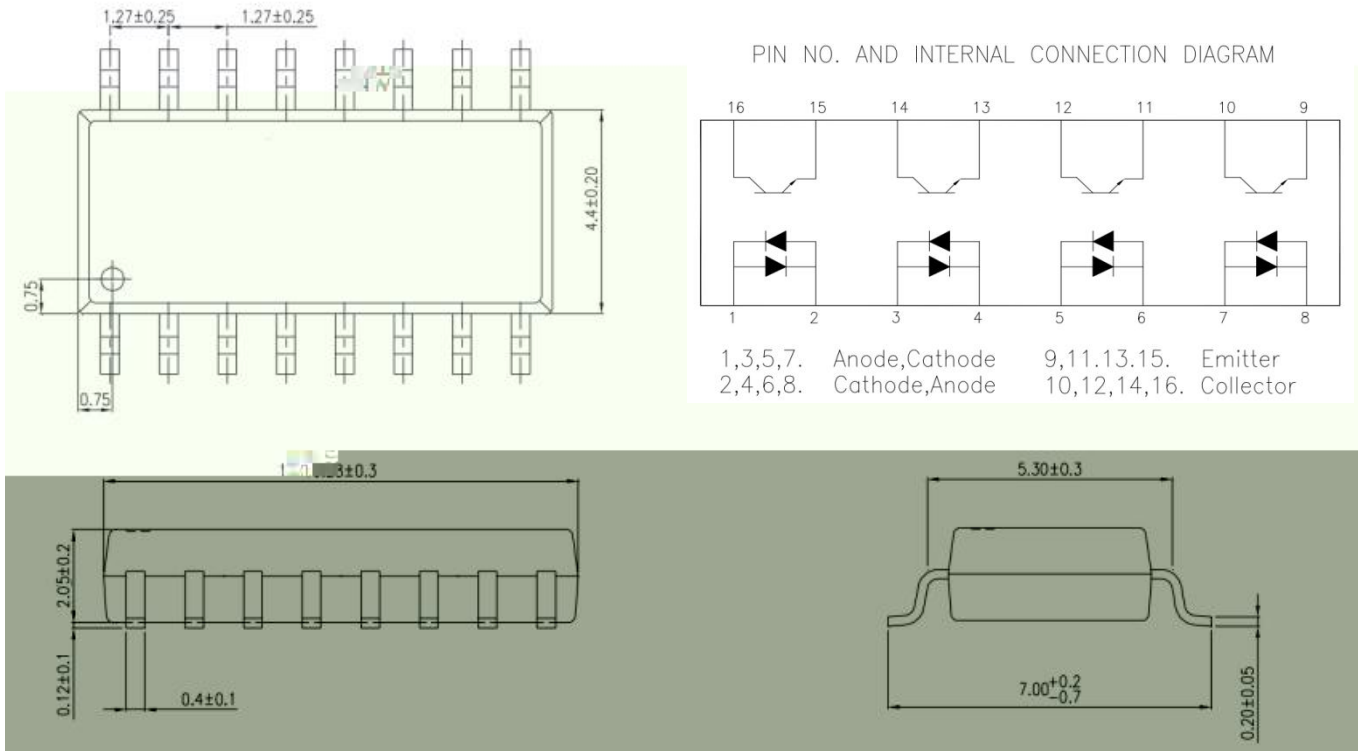
OR-3

8. Naming Rule

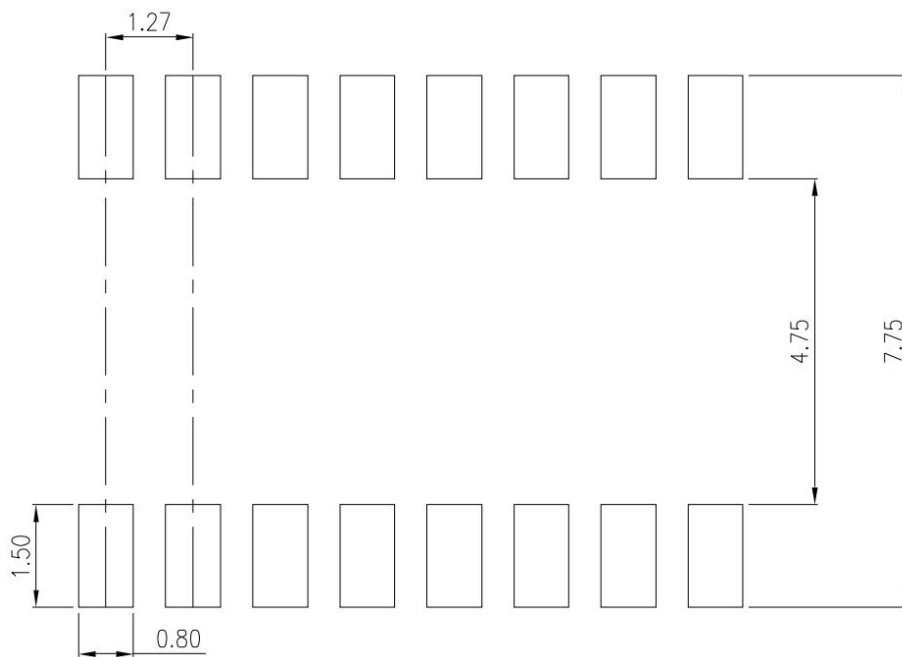


1. : .
 2. : 3 4-4.
 3. □
 4. □□ '21' '2021' .
 5. □□ 01 , 02 .
 6. □.
 7. □ :
 8. .
- *
*

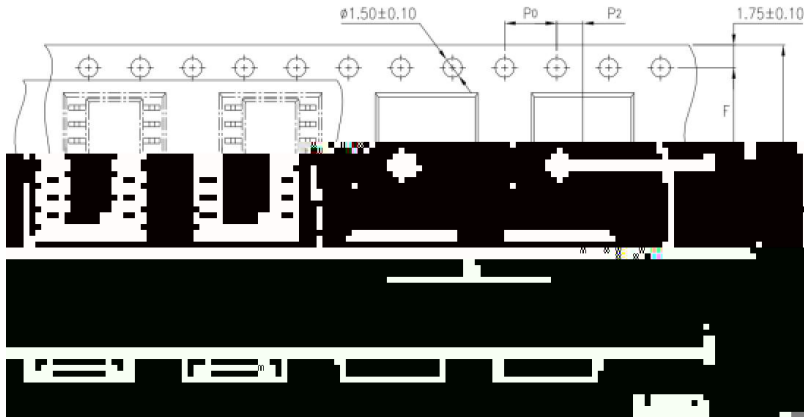
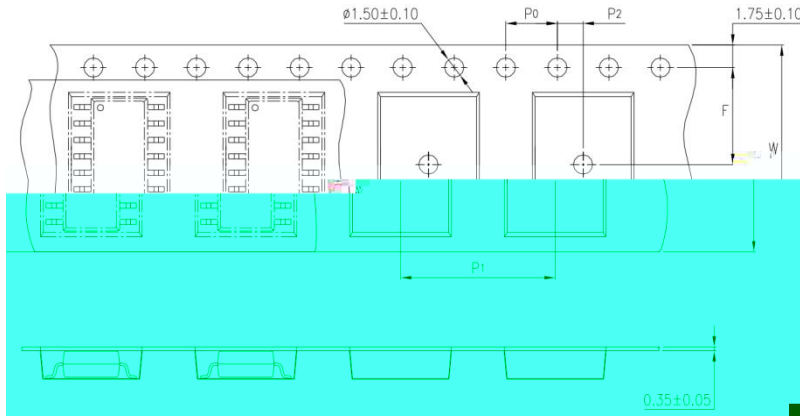
9. Outer Dimension



10. Recommended Foot Print Patterns (Mount Pad) (Unit:mm)



11. Taping Dimensions



type	Symbol	Dimensions: mm (in.)
bandwidth h	W	16±0.3 (0.47)
pitch	P0	4±0.1 (0.15)
pitch	F	7.5±0.1 (0.217)
	P2	2±0.1 (0.079)
interval	P1	12±0.1 (0.315)

Encapsulation type	TA1/TA
Quantity (pieces)	2000

12. Package Dimension

Packing Information	
Packing type	Reel type
Tape Width	16mm
Qty per Reel	2000
Small box (inner) Dimension	345*345*60mm
Max qty per reel	



1. MTL NO:Contents with "Order Information" in the specification.
2. LOT NO:The production cycle of the product.
3. BATCH:The CTR RANK of the product.
4. Quantity:Product packaging quantity.
5. Product Data: The data when product be made.

13. Reliability Test

NO.	ITEMS	QTY. (Pcs)	Condition	Process	Standard
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		22	±		
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		77			
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		77			
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		77			
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		77			
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				3 C *	
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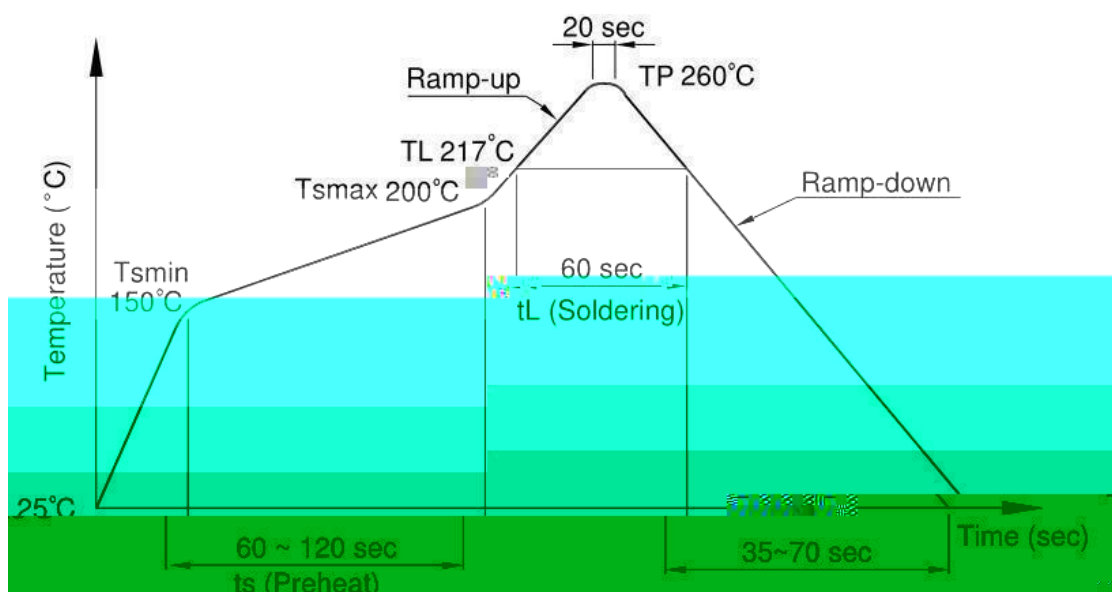
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14. Temperature Profile Of Soldering

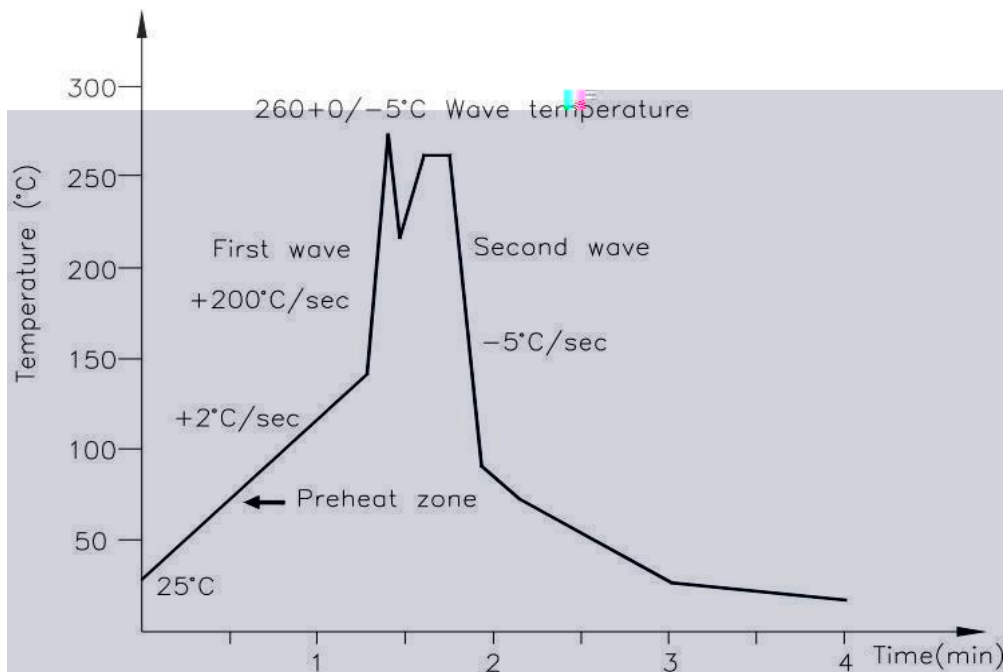
1 IR Reflow soldering (JEDEC-STD-020C compliant)

Profile item	Conditions
- ()	150
- ()	200
- () ()	90 30
- ()	217
- ()	60
	260
	20
-	3 /
-	3 6 /
	3



2 Wave soldering (JEDEC22A111 compliant)

	260+0/-5
	10
	25 140
	30 80



3 Hand soldering by soldering iron

Temperature	380+0/-5°C
Time	3 sec max

15. Characteristics Curve

Figure 1. Collector Power Dissipation vs. Ambient Temperature

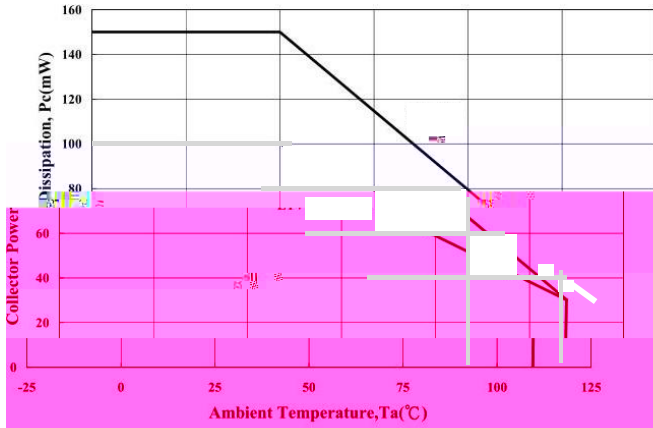


Figure 2. Forward Current vs. Ambient Temperature

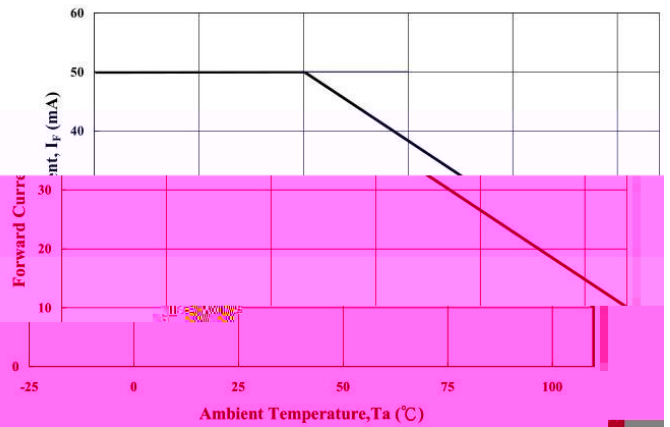


Figure 3. Forward Current vs. Forward Voltage



Figure 4. Forward Voltage Temperature Coefficient vs. Forward Current

Figure 5. Pulse Forward Current vs. Duty Cycle Ratio

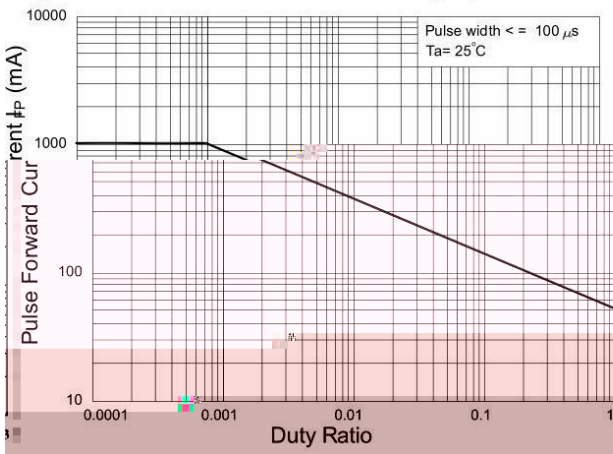


Figure 6. Pulse Forward Current vs. Pulse Forward Voltage

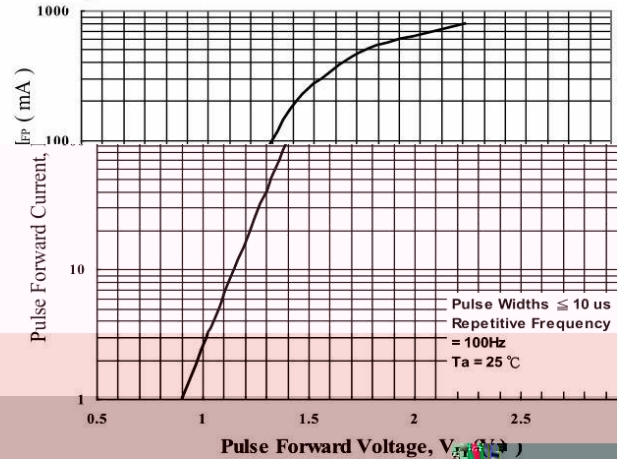


Figure 7. Collector-Emitter Saturation Voltage vs. Forward

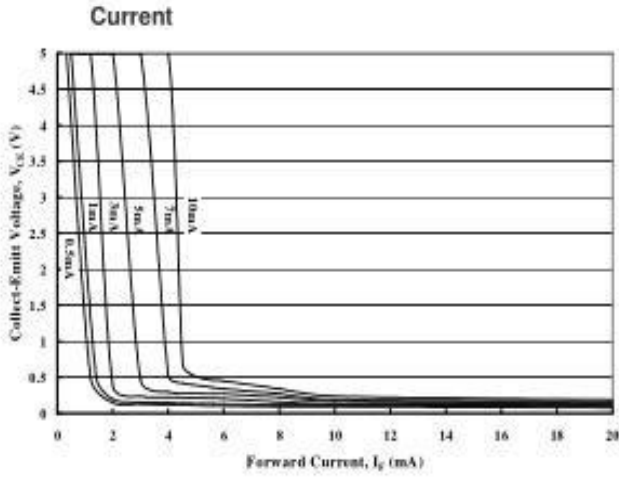


Figure 8. Collector Current vs. Collector-Emitter

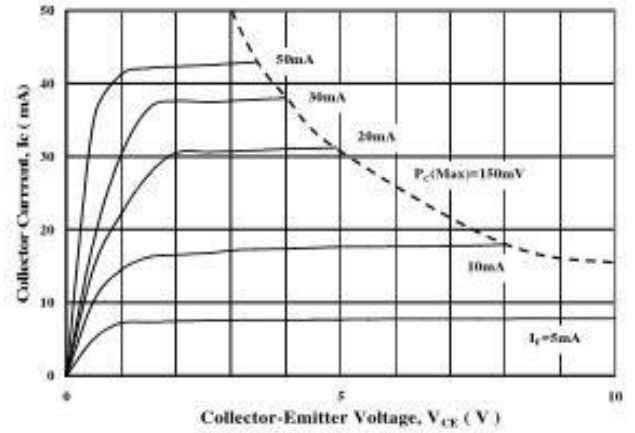


Figure 9. Collector Current vs. Small Collector-Emitter

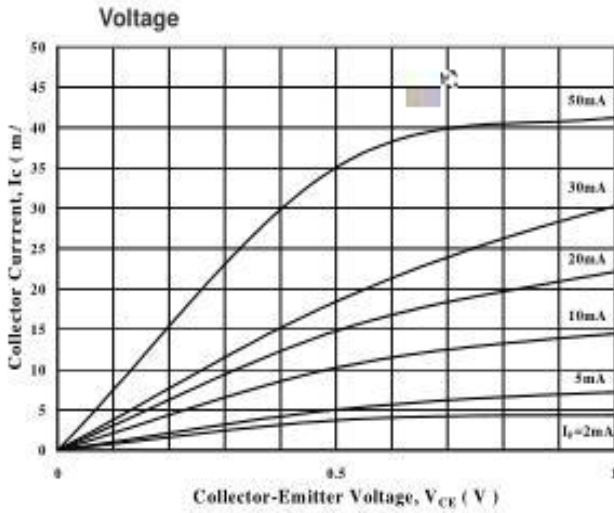


Figure 10. Normalized CTR vs. Forward Current

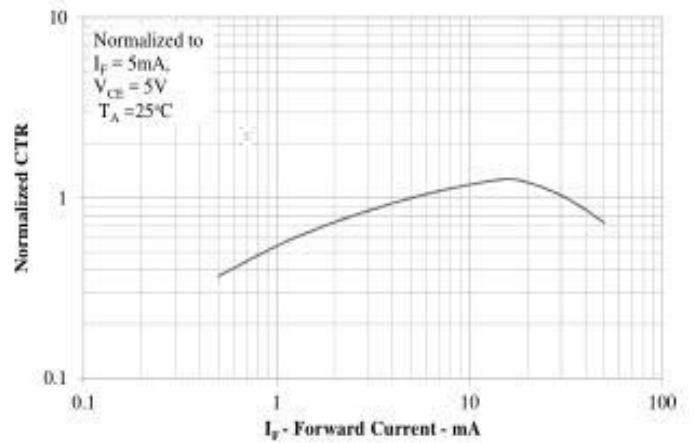


Figure 11. Collector Dark Current vs. Ambient Temperature

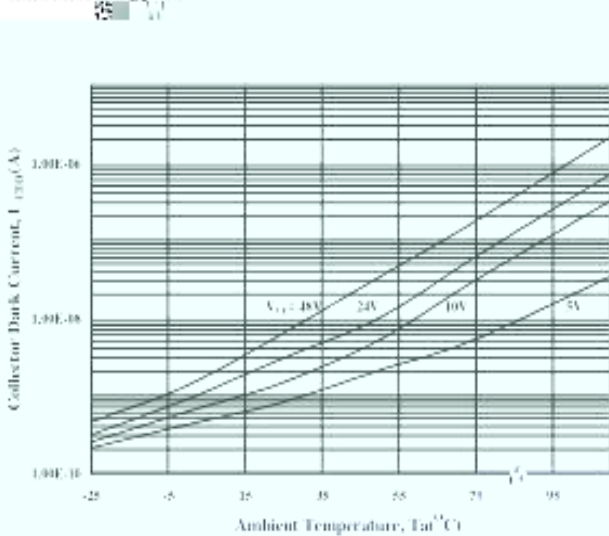


Figure 12. Current Transfer Ratio vs. Forward

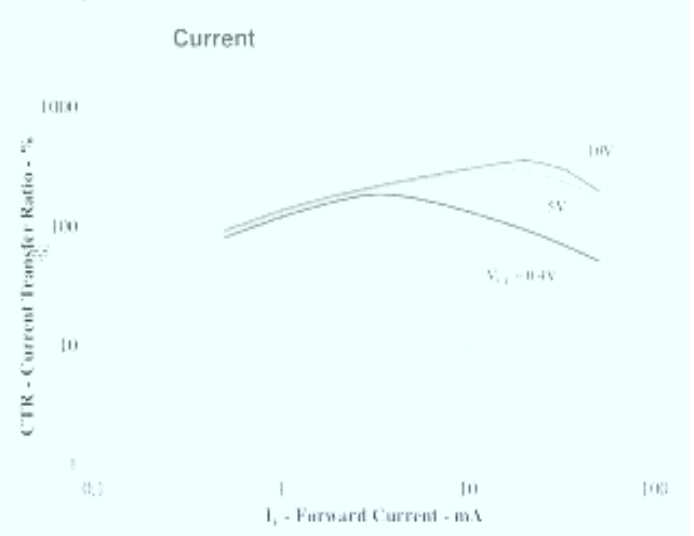


Figure 13. Normalized CTR vs. Ambient Temperature

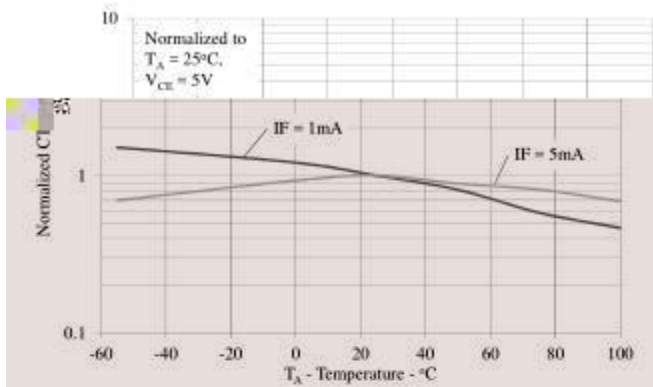


Figure 14. Collector-Emitter Saturation Voltage vs. Ambient Temperature

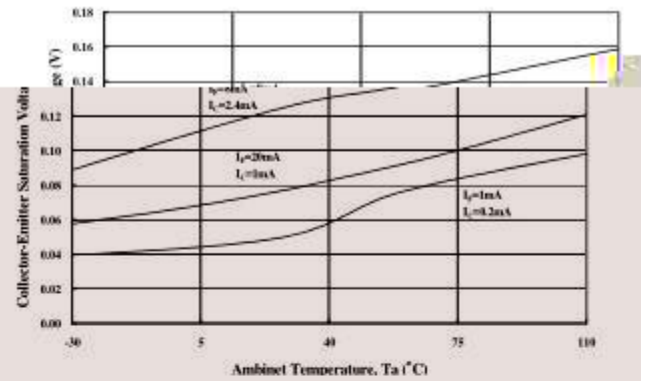


Figure 15. Collector-Emitter Saturation Current vs. Ambient Temperature

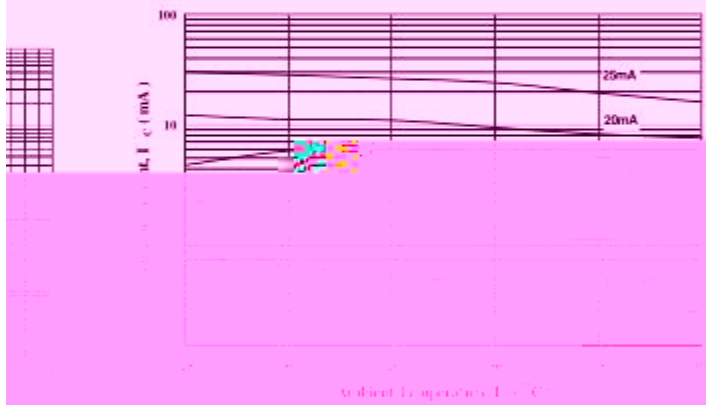


Figure 16. Switching Time vs. Load Resistance

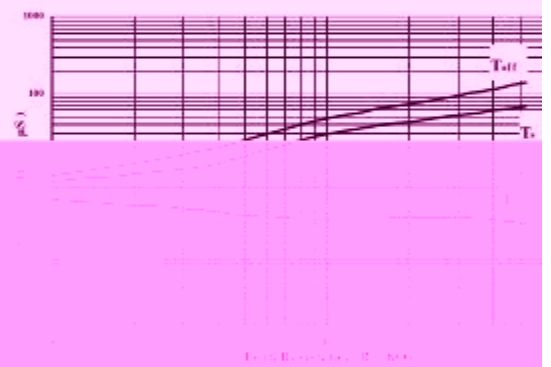


Figure 17. Switching Time vs. Ambient Temperature

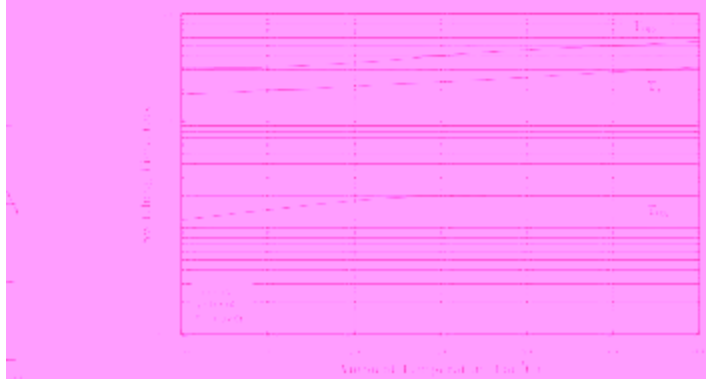


Figure 18. Frequency Response

