：_____-3 4-4_____

：_____

：_____

一级代理商：

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TEL：0755-29563634
FAX：0755-27447020
www.frxelec.com

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) - .

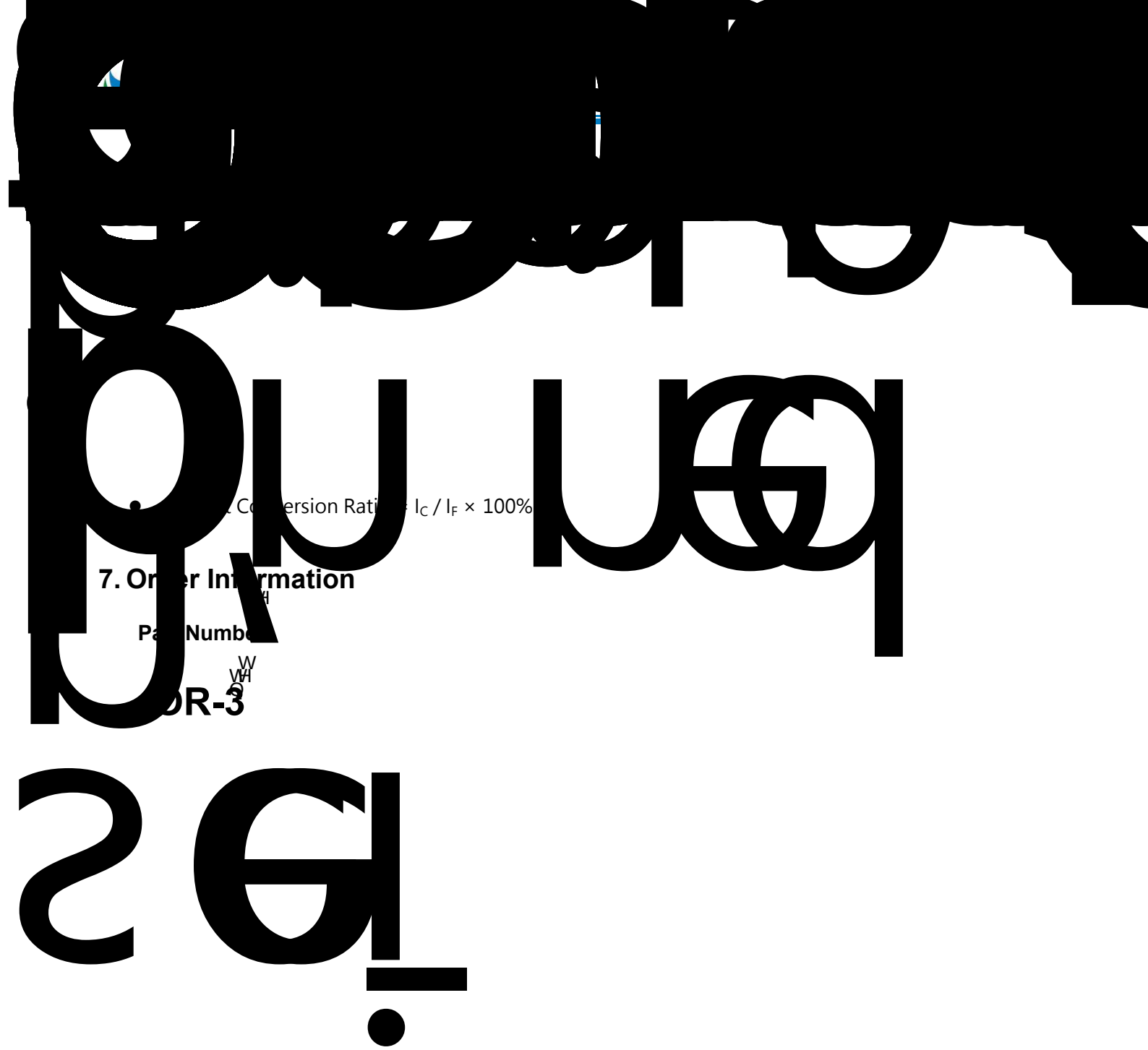
(3) .

*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
			2	---	40		=5
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%



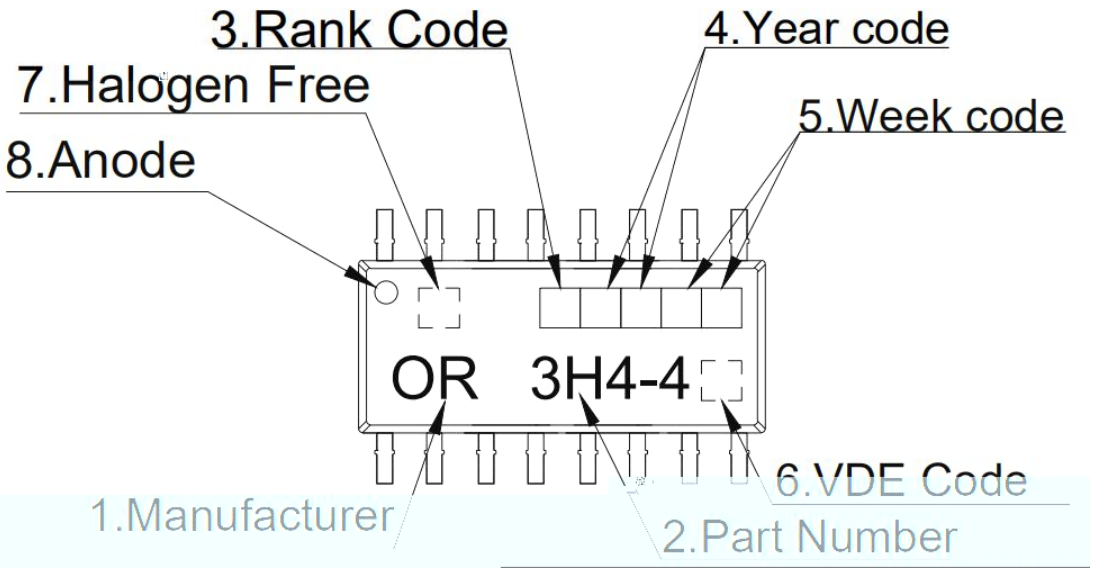
- t Co ersion Rati = $I_C / I_F \times 100\%$

7. Or er Int rmation

Pa Numb

OR-3

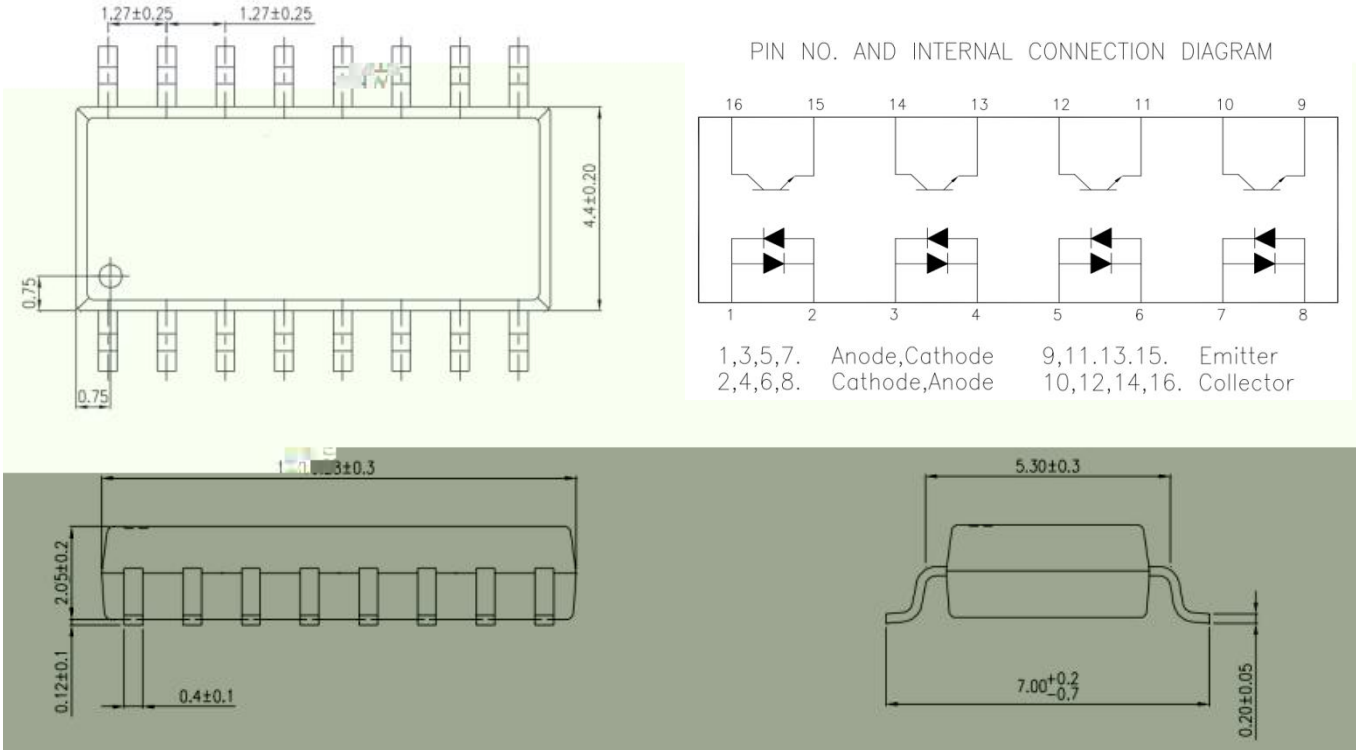
8. Naming Rule



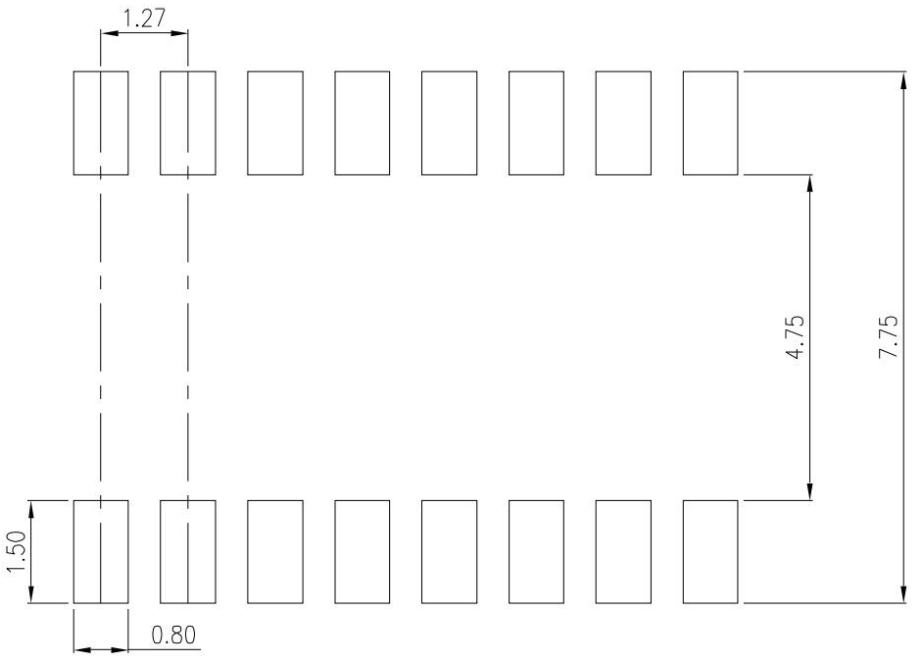
1. : .
2. : 3 4-4.
3. □
4. □□ '21' '2021' .
5. □□ 01 , 02 .
6. □.
7. □ : .
8. .

* .
* .

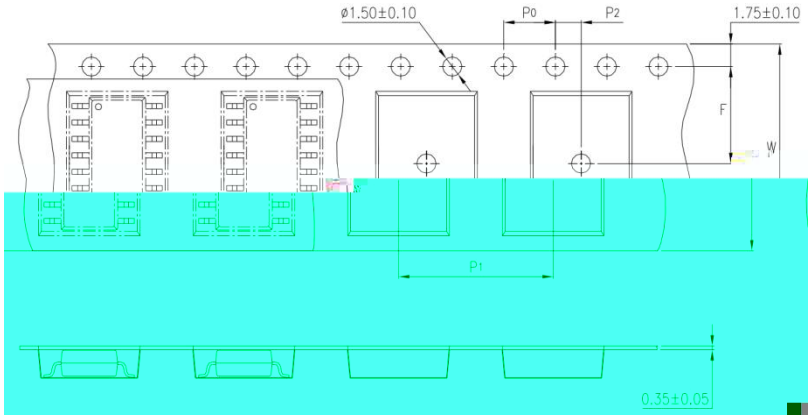
9. Outer Dimension

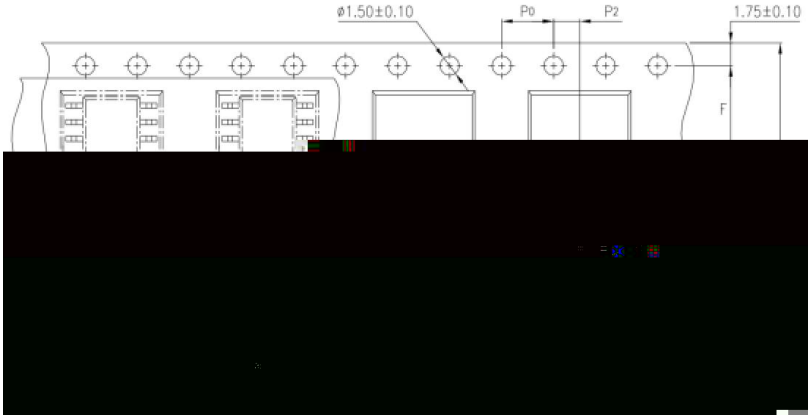


10. Recommended Foot Print Patterns (Mount Pad) (Unit:mm)



11. Taping Dimensions





type	Symbol	Dimensions: mm (in.)
bandwidth	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	

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

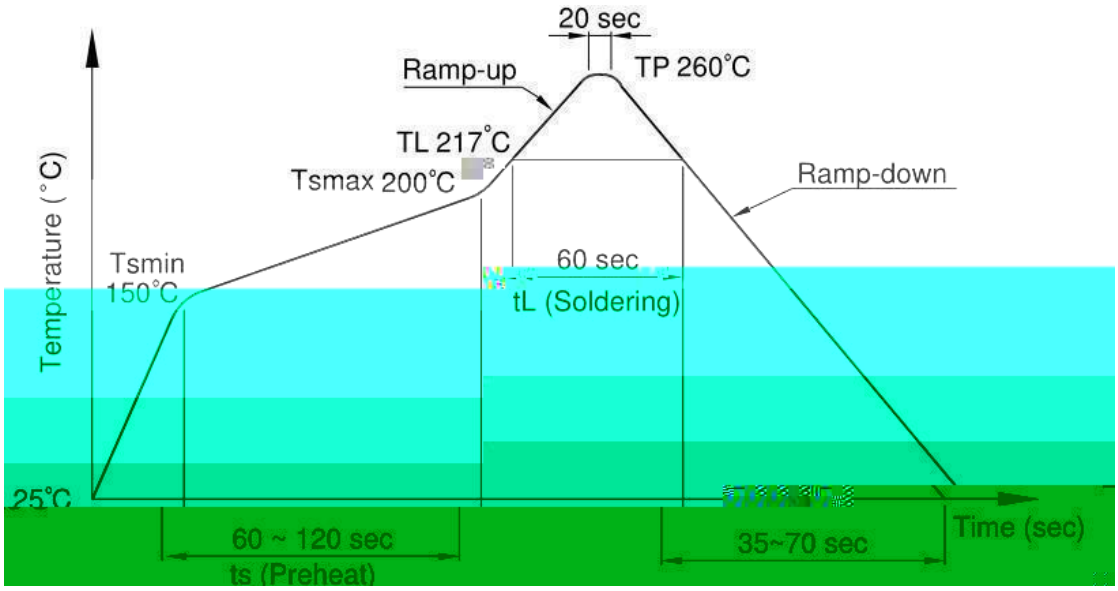
NO.	ITEMS	QTY. (Pcs)	Condition	Process	Standard
		22	±		
		77			
		77			
		77	∫		
		77	∫		

14. Temperature Profile Of Soldering

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

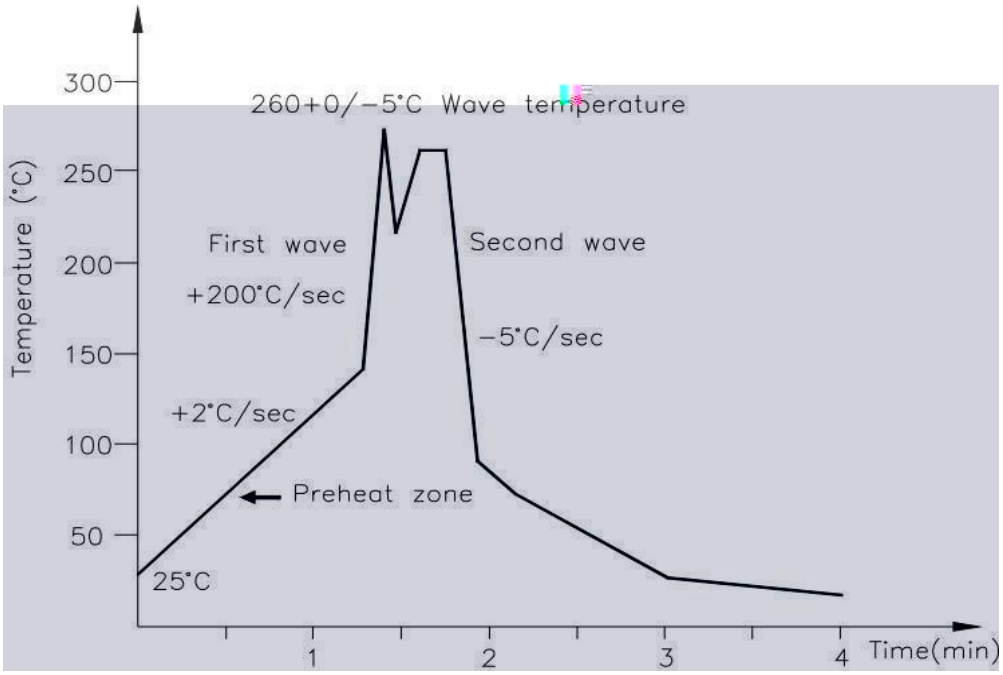
. .

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

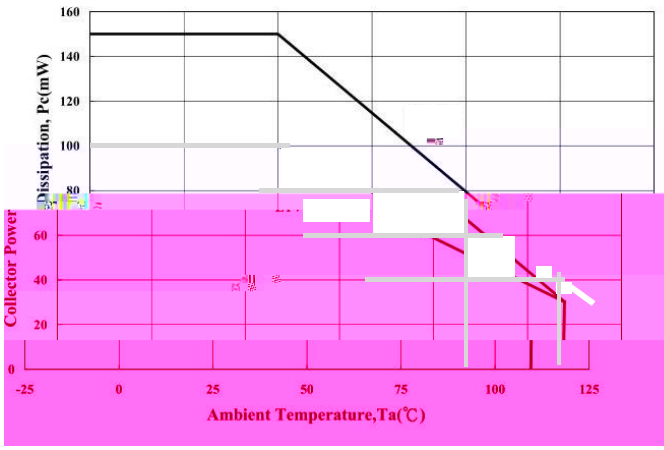


Figure 2. Forward Current vs. Ambient Temperature

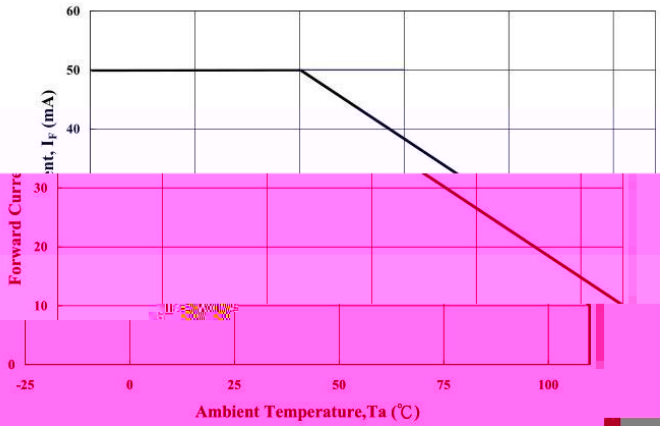


Figure 3. Forward Current vs. Forward Voltage

Figure 4. Forward Voltage Temperature Coefficient vs.

Figure 5. Pulse Forward Current vs. Duty Cycle Ratio

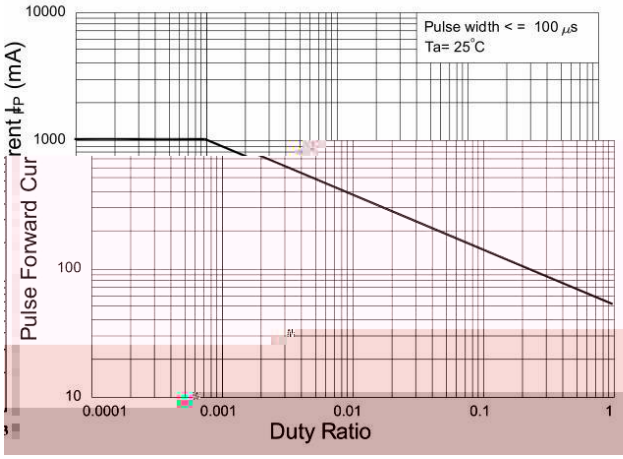


Figure 6. Pulse Forward Current vs. Pulse Forward

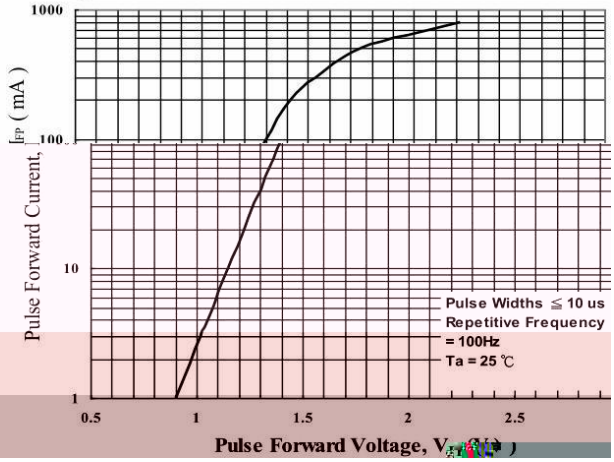


Figure 7. Collector-Emitter Saturation Voltage vs. Forward Current

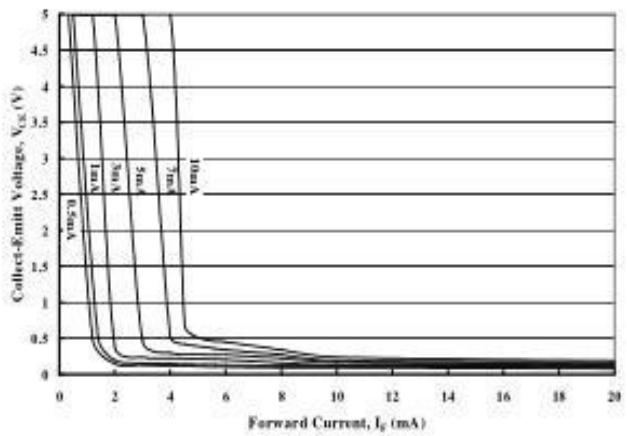


Figure 8. Collector Current vs. Collector-Emitter

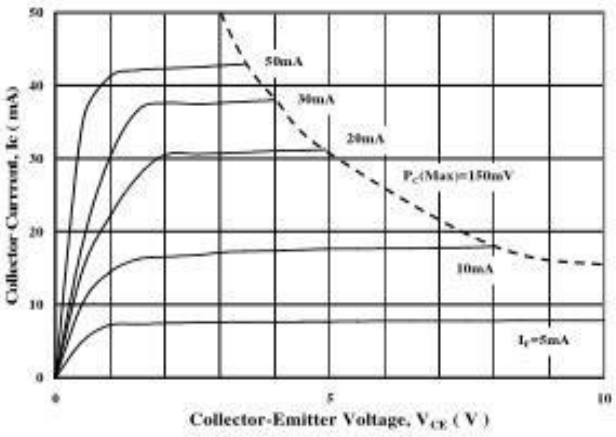


Figure 9. Collector Current vs. Small Collector-Emitter Voltage

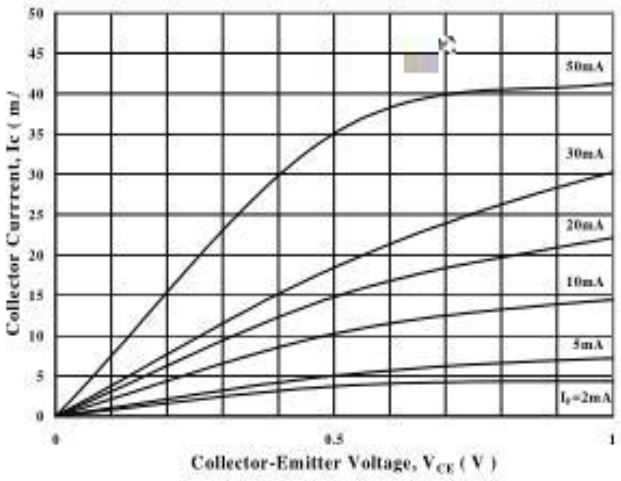


Figure 10. Normalized CTR vs. Forward Current

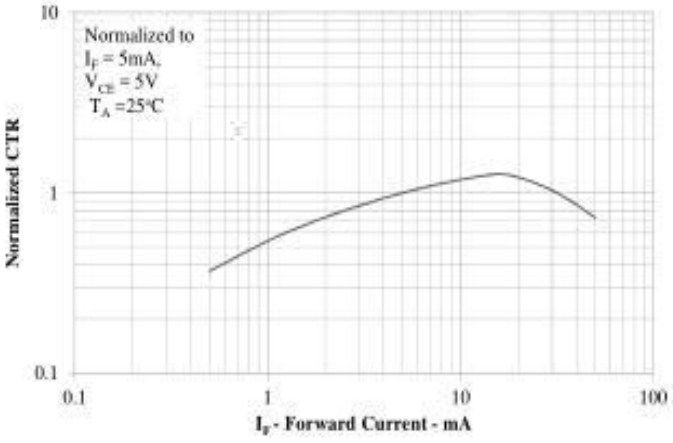


Figure 11. Collector Dark Current vs. Ambient Temperature

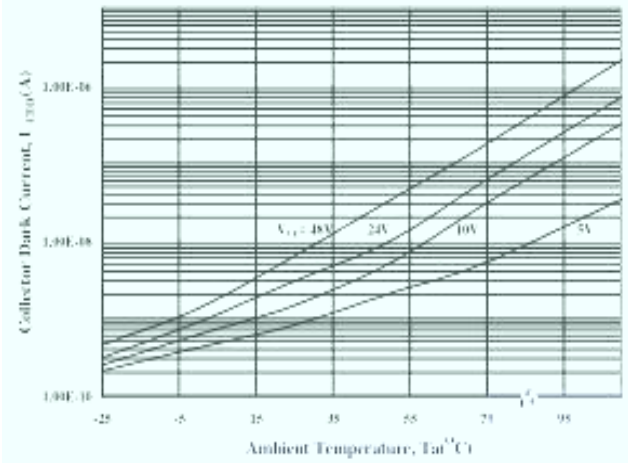


Figure 12. Current Transfer Ratio vs. Forward Current

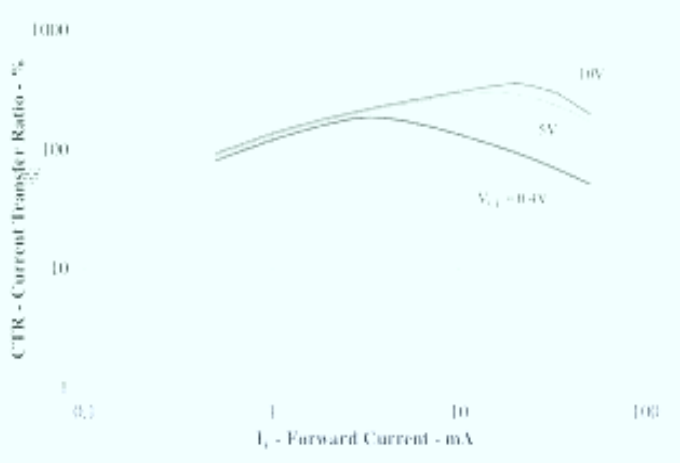


Figure 13. Normalized CTR vs. Ambient Temperature

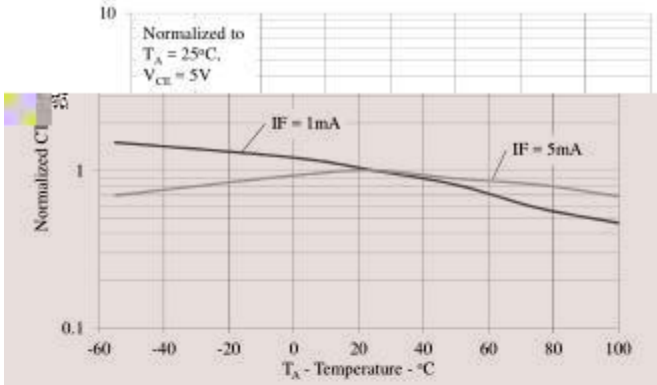


Figure 14. Collector-Emitter Saturation Voltage vs. Ambient Temperature

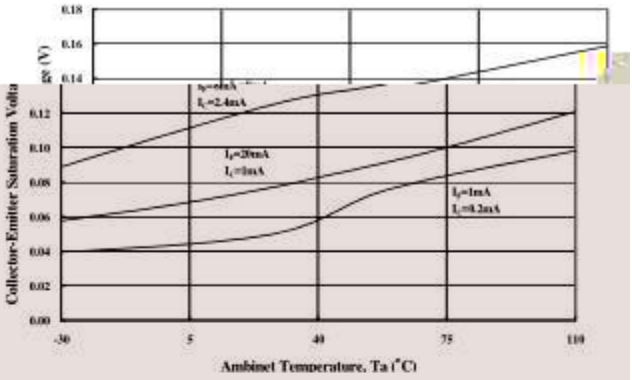


Figure 15. [illegible] Ambient Temperature

Figure 16. Switching Time vs. Load Resistance

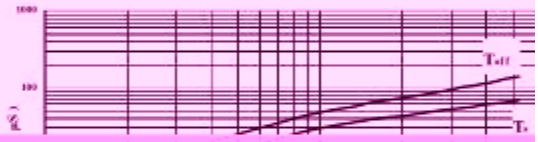


Figure 17. Switching Time vs. Ambient Temperature

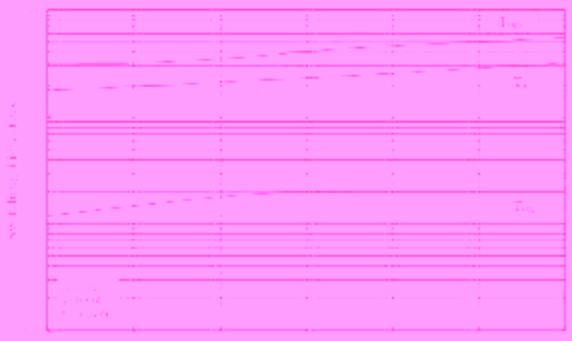


Figure 18. Frequency Response