

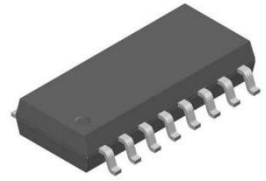
一级代理商：

深圳市弗瑞鑫电子有限公司

地址：深圳市宝安区西乡大道302号金源商务大厦B座三楼

frxelec

1 Features



2 Instructions

3 Application Range

4 Max Absolute rated Value (Normal Temperature=25)

Parameter		Symbol	Rated Value	Unit
Input				
Output				

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

5 Opto-electronic Characteristics (Normal Temperature=25)

Parameter		Symbol	Min	Typ.*	Max	Unit	Condition
Input							
Output							
Transforming Characteristics							

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6 Rank table of current transfer ratio CTR

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7 Order Information

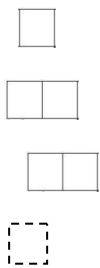
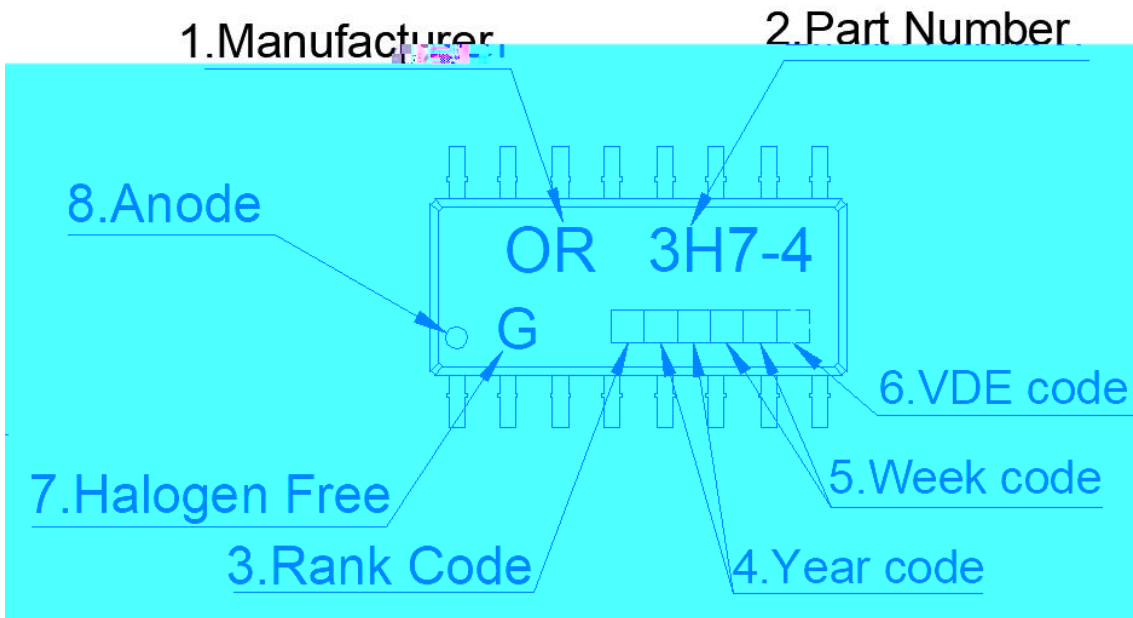
Part Number

OR-3H7-4X-W-Y-Z

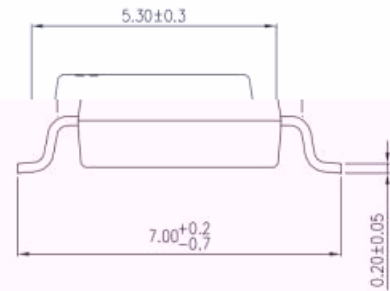
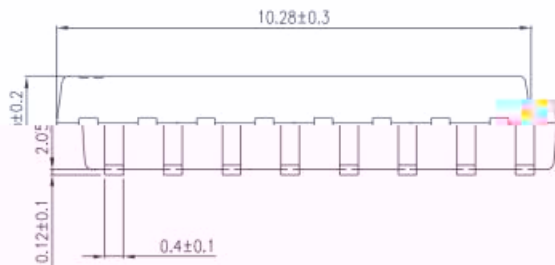
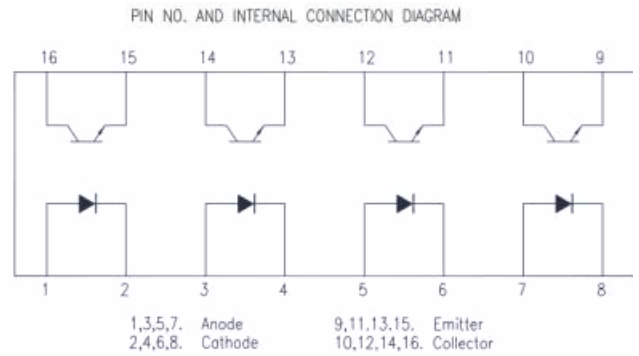
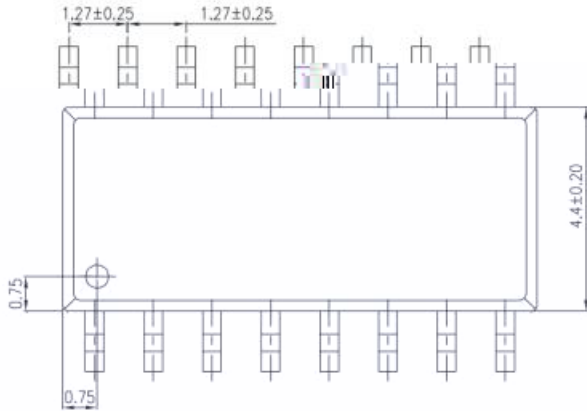
Note

Option	Description	Packing quantity

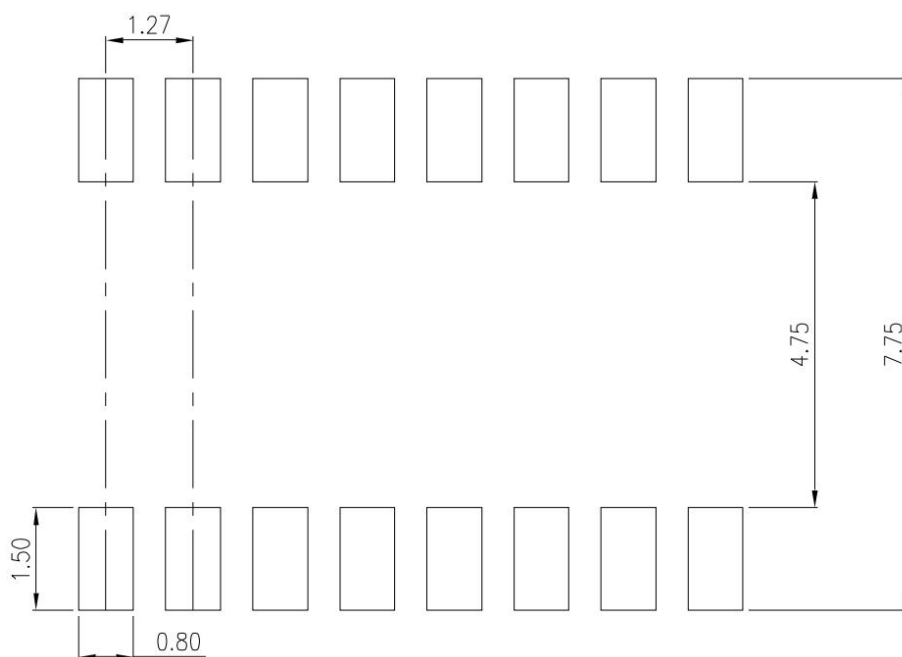
8 Naming Rule



9 Outer Dimension

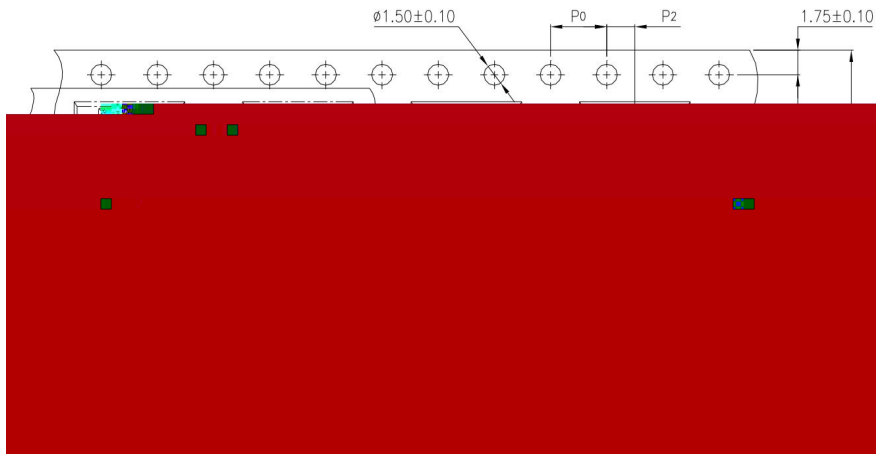


10 Recommended Foot Print Patterns (Mount Pad) (Unit:mm)

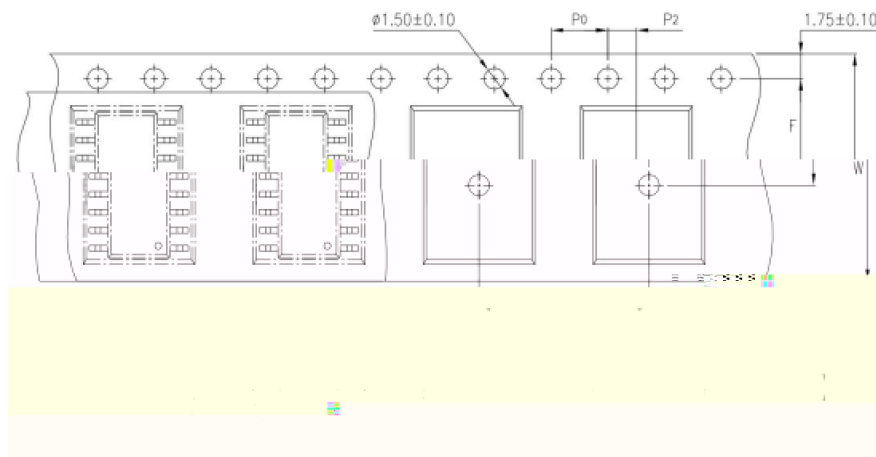


11 Taping Dimensions

(1)OR-3H7-4-TA1



(2)OR-3H7-4-TA

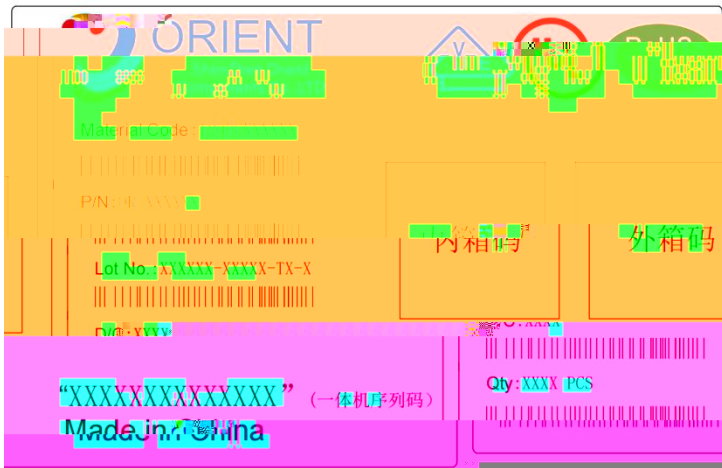


12 Package Dimension

(1) package dimension

Packing Information	

(2) Packing Label Sample



Note

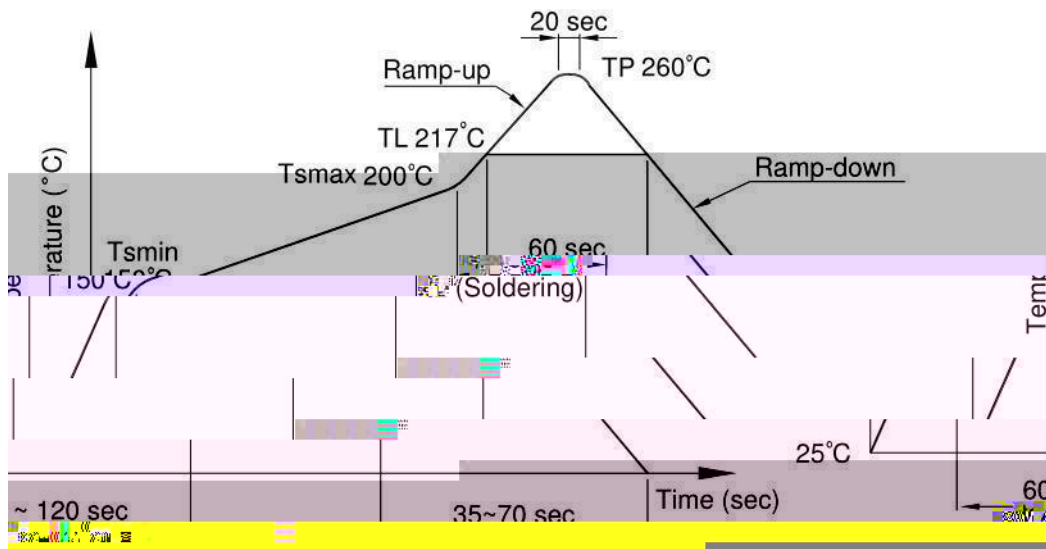
13 Reliability Test

NO.	ITEMS					
		QTY. (Pcs)	Condition	Process	Device	Standard
	RSH					
	HTSL					
	LTSL					
	TC					
	TS		1			
	HTOL		o			
	ESD-HBM					
	SD					

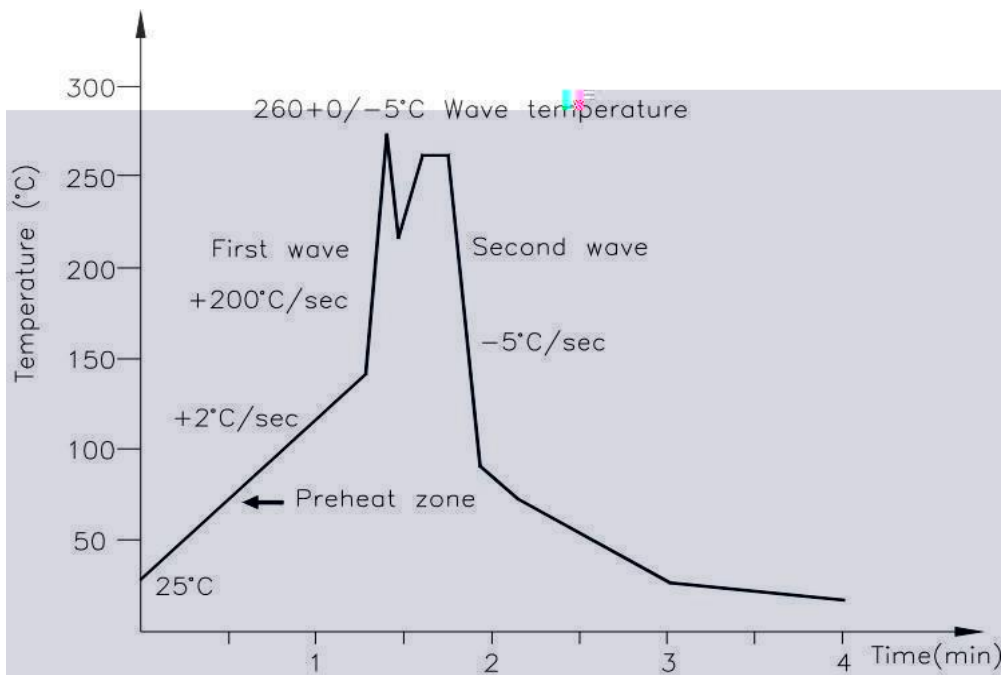
14 Temperature Profile Of Soldering

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

Profile item	Conditions



(2).Wave soldering (JEDEC22A111 compliant)



(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

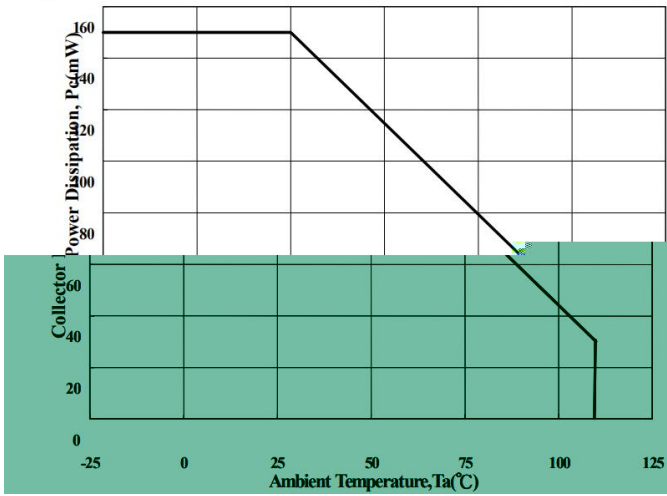


Figure 2. Forward Current vs. Ambient Temperature

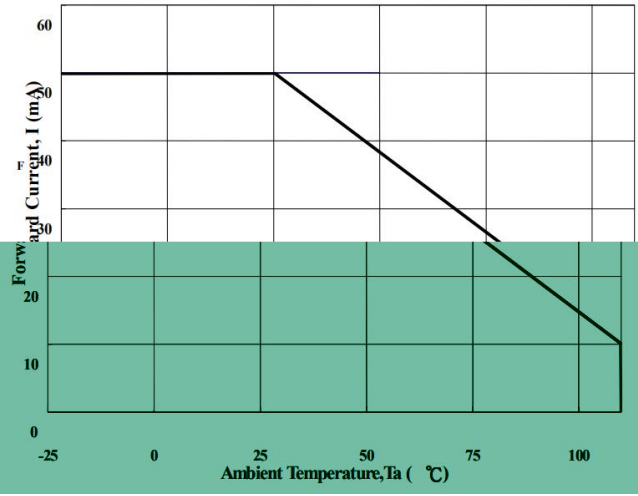


Figure 3. Forward Current vs. Forward Voltage

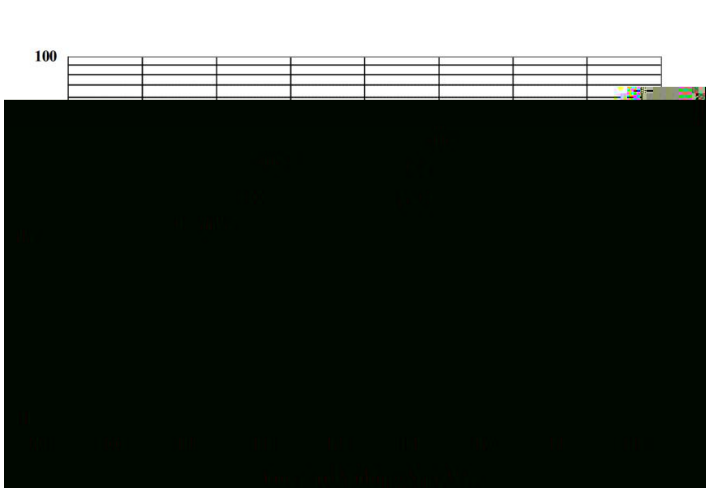


Figure 4. Forward Voltage Temperature Coefficient vs. Forward Current

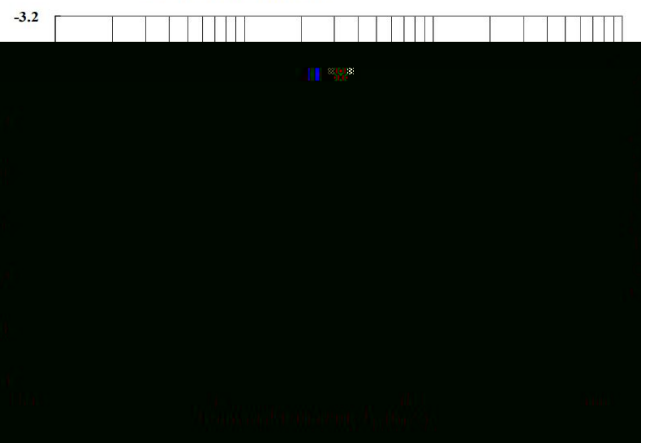


Figure 5. Pulse Forward Current vs. Duty Cycle Ratio

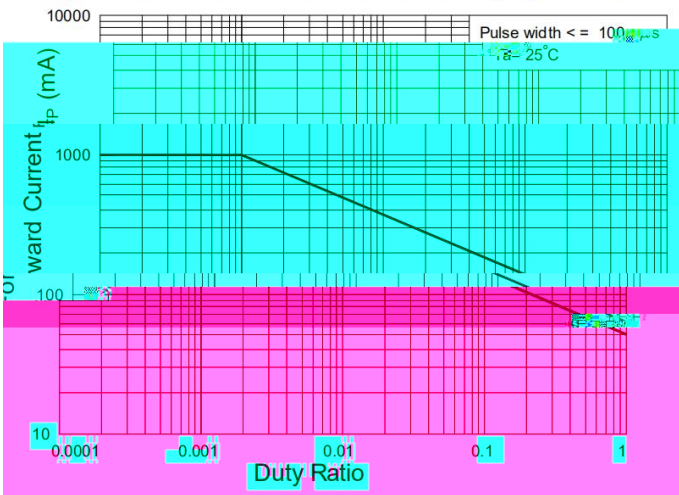


Figure 6. Pulse Forward Current vs. Pulse Forward Voltage

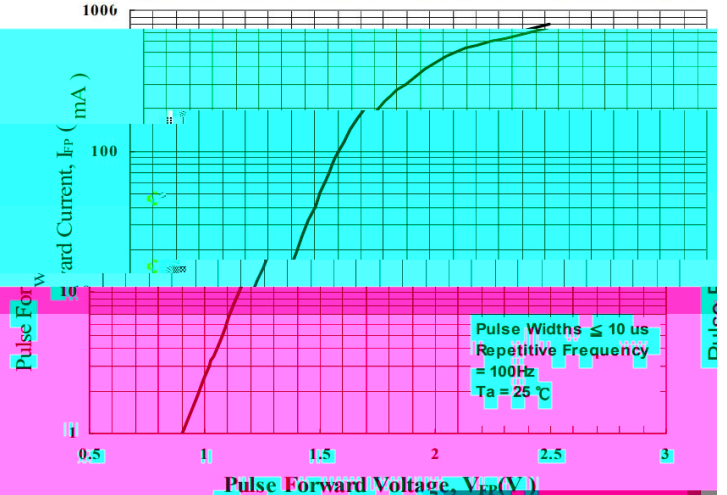


Figure 7. Collector-Emitter Saturation Voltage vs. Forward

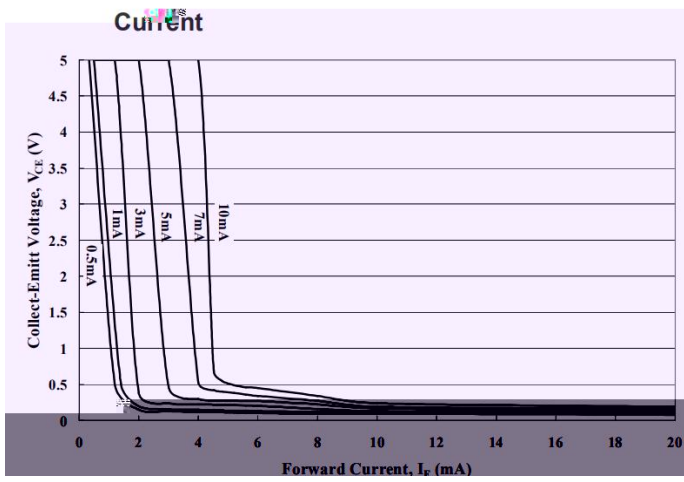


Figure 8. Collector Current vs. Collector-Emitter

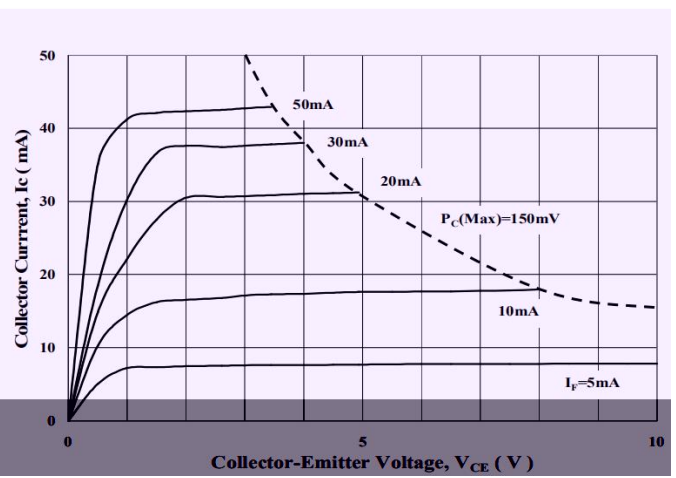


Figure 9. Collector Current vs. Small Collector Emitter

Figure 10. Normalized CTR vs. Forward Current



Figure 11. Collector Dark Current vs. Ambient Temperature

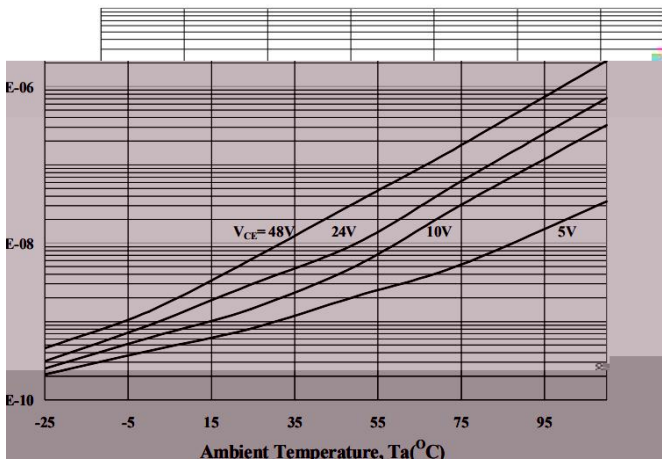
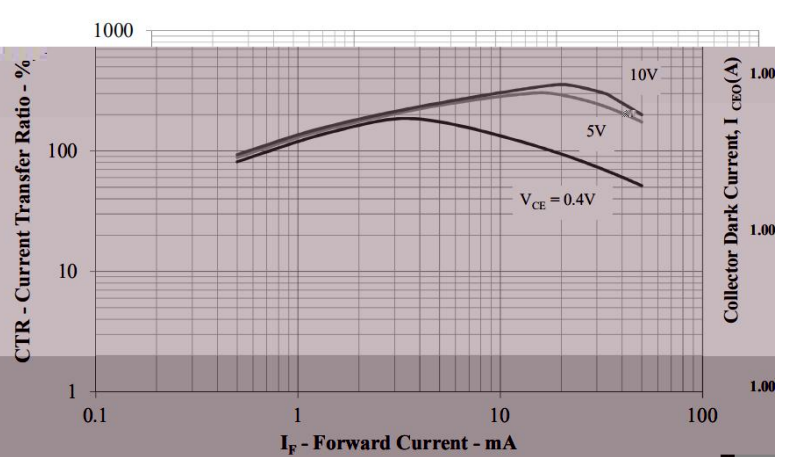


Figure 12. Current Transfer Ratio vs. Forward Current



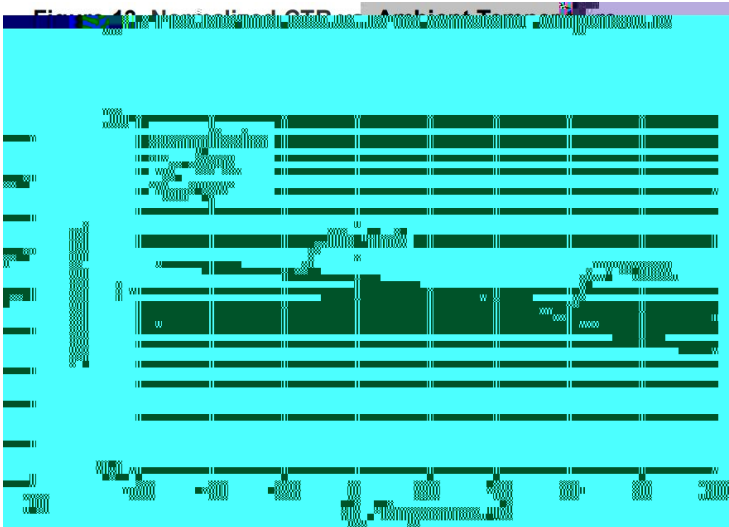


Figure 15. Collector Current vs. Ambient Temperature

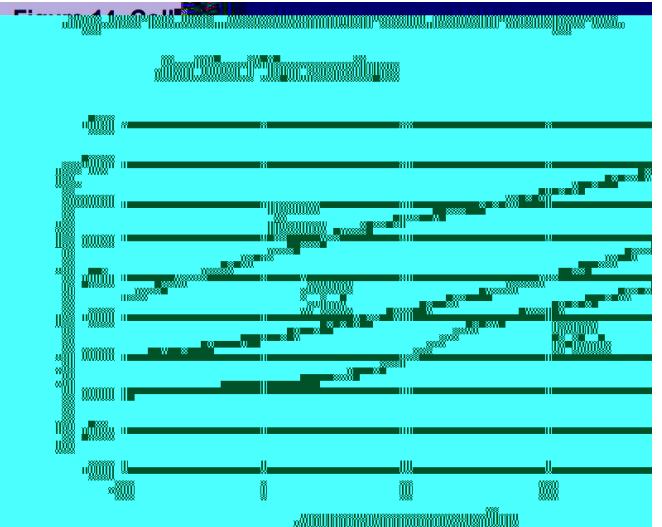


Figure 16. Switching Time vs. Load Resistance

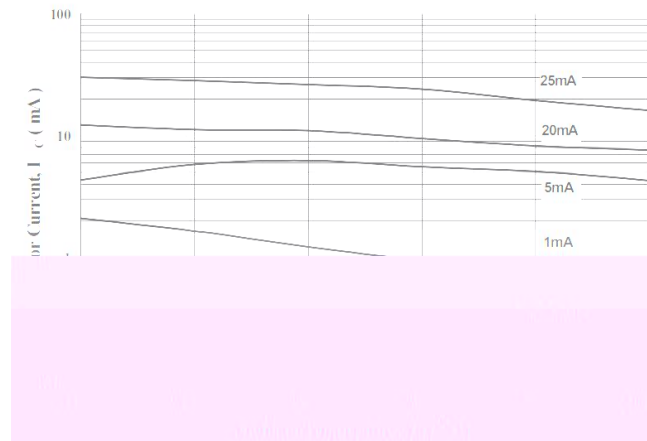


Figure 17. Switching Time vs. Ambient Temperature

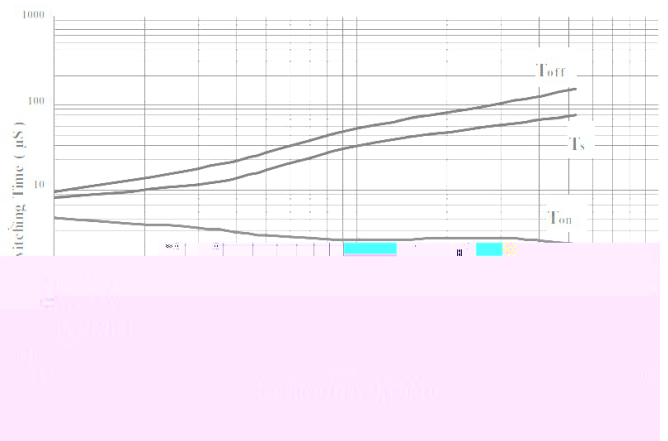


Figure 18. Frequency Response

