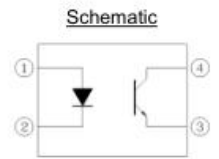
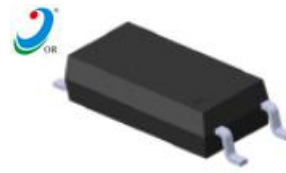




-10

1. Features



Pin Configuration

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



2. Description

-10

4-

3.Applications

4. Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Rated Value	Unit
		60	
		125	
		6	
		100	
		0	
		7	
		50	
		150	
		250	
*1		5000	
		-55 + 110	
		-55 + 125	
*2		260	

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

*2 10

5. Electrical Optical Characteristics at Ta=25°C

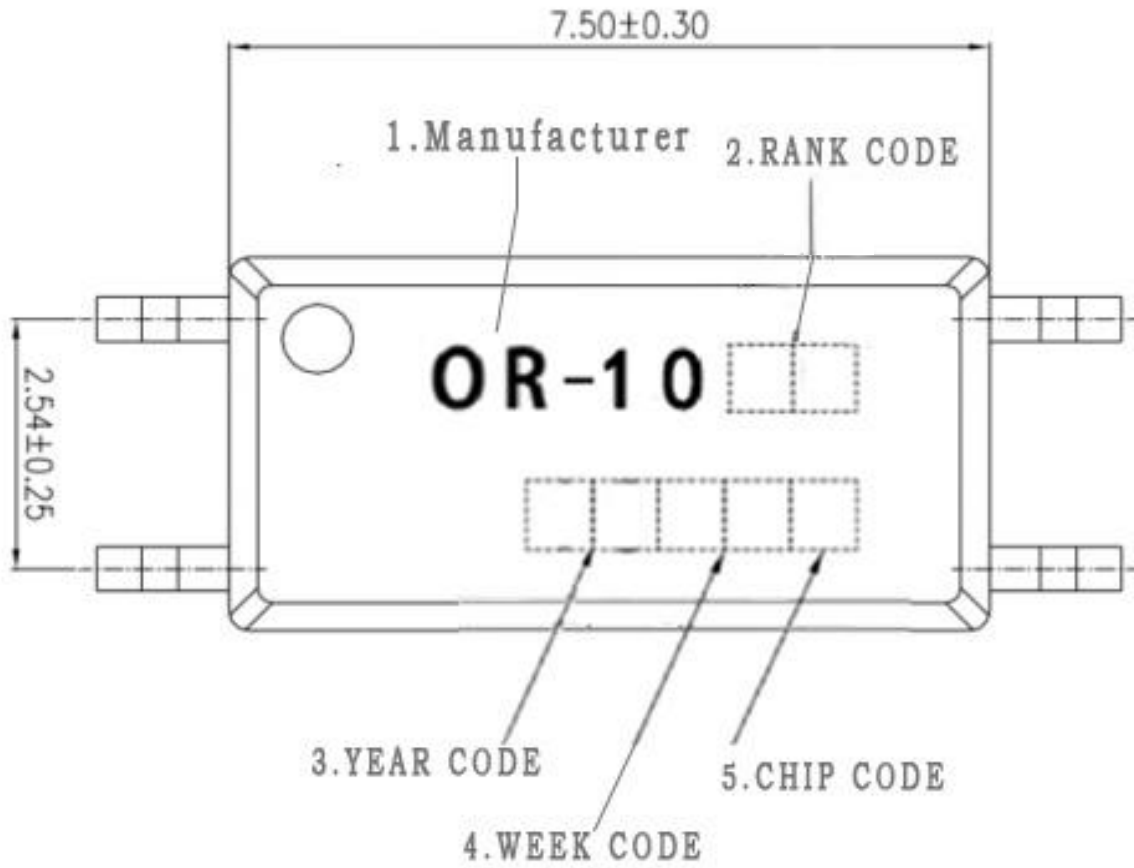
Parameter		Symbol	Condition	Min	Typ.*	Max	Unit
			50	---	1.25	1.6	
			4	---	---	10	
			0, 1	---	50	---	
			20 , 0	---	10	100	
			1 0	0	---	---	
			0.1 0	7	---	---	
			5	50	---	600	%
			5	2.5	---	30	
		()	10 1	---	---	0.3	
			500 40 60% . . .	10 ¹²	---	---	
			0, 1	---	0.3	---	
			5 , 2	---	3	1	
			100	---	4.7	1	



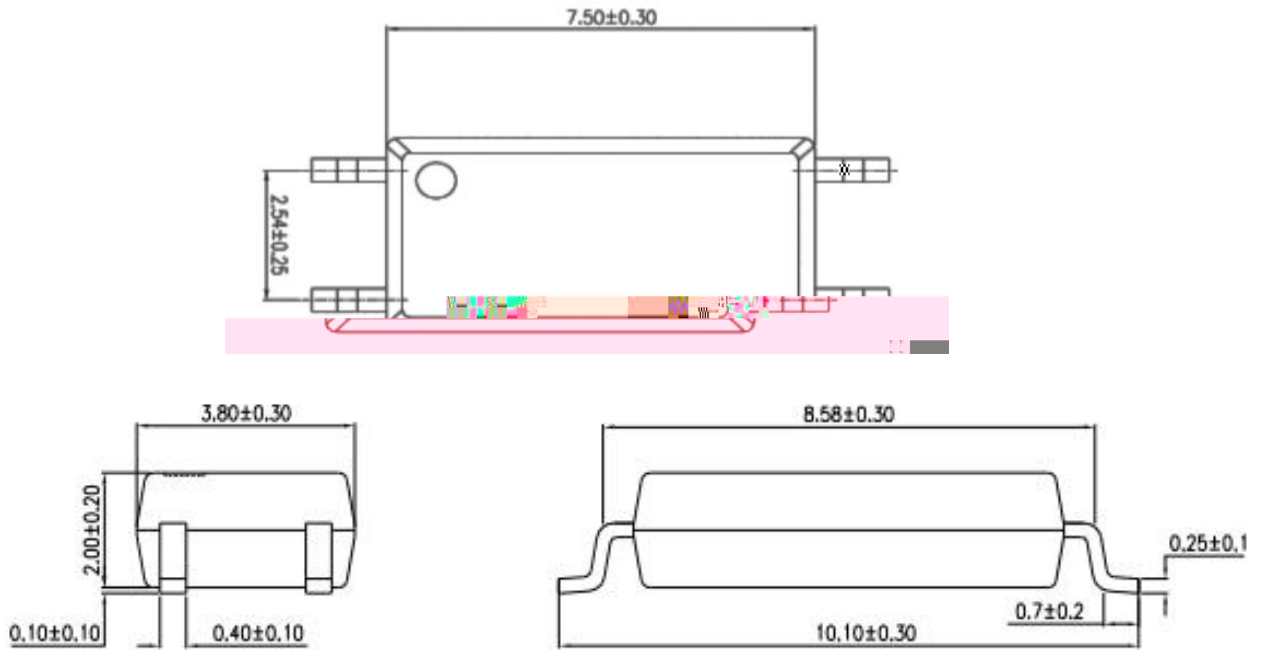
6. Rank Table of Current Transfer Ratio

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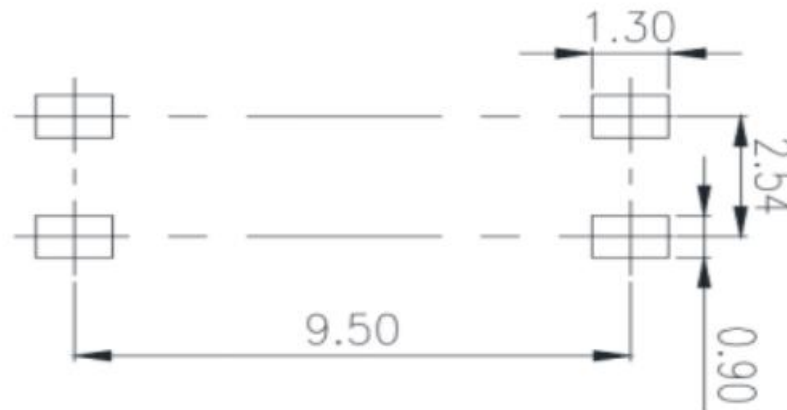
7.Naming Rule



8. Package Dimension

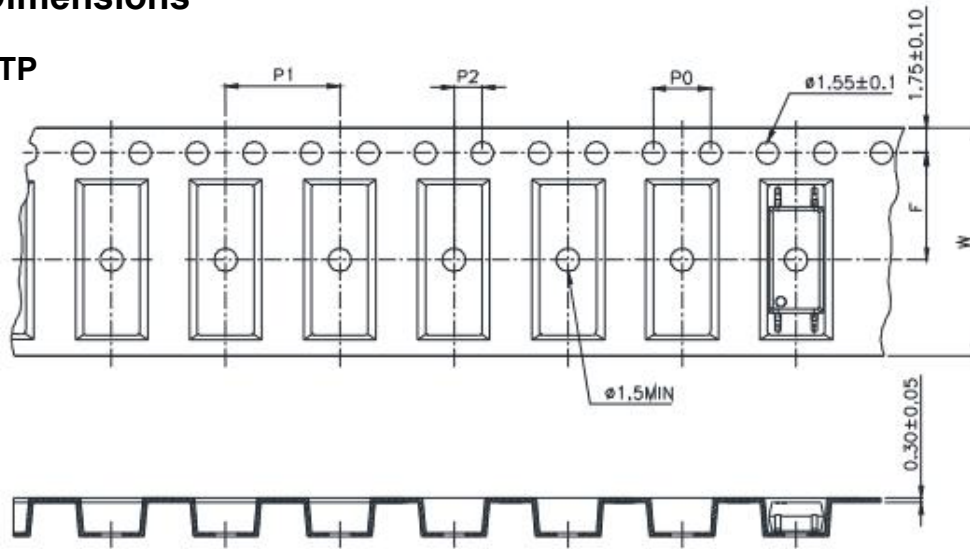


9. RECOMMENDED FOOT PRINT PATTERNS (MOUNT PAD)

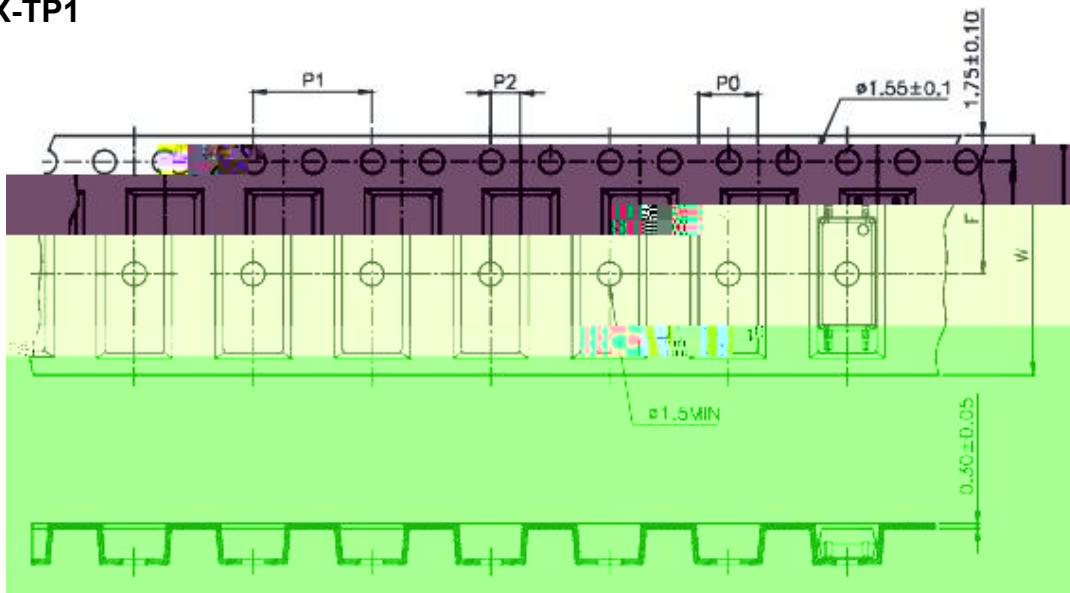


10. Taping Dimensions

(1) OR-10XX-TP

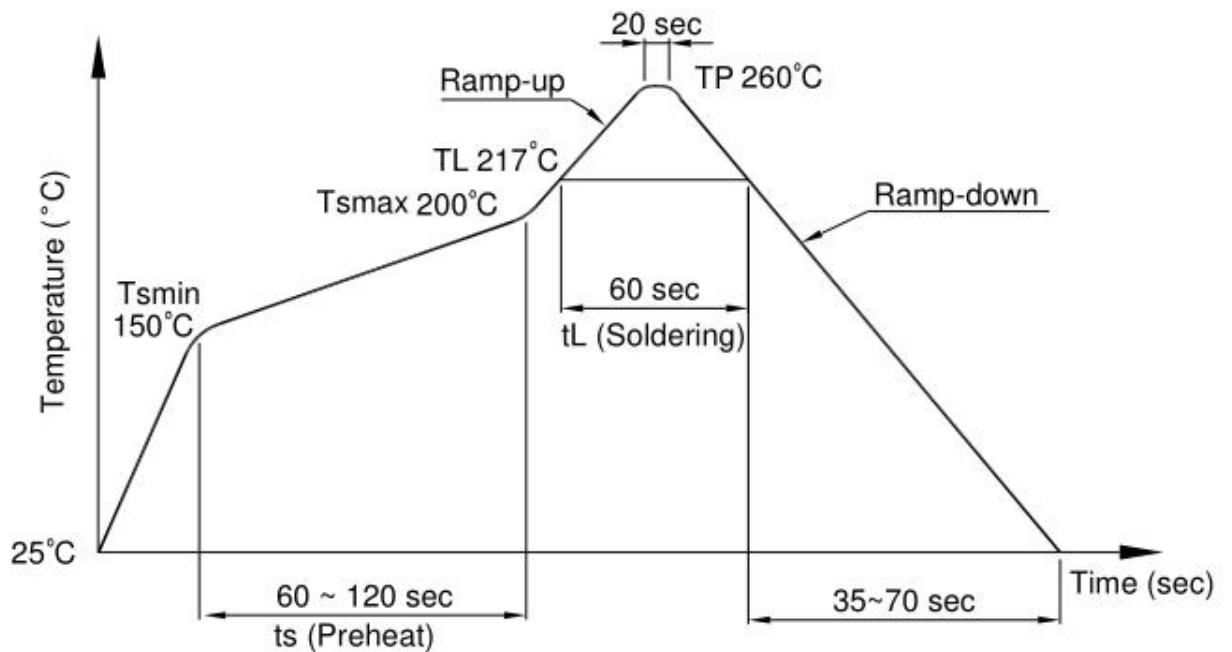


(2) OR-10XX-TP1

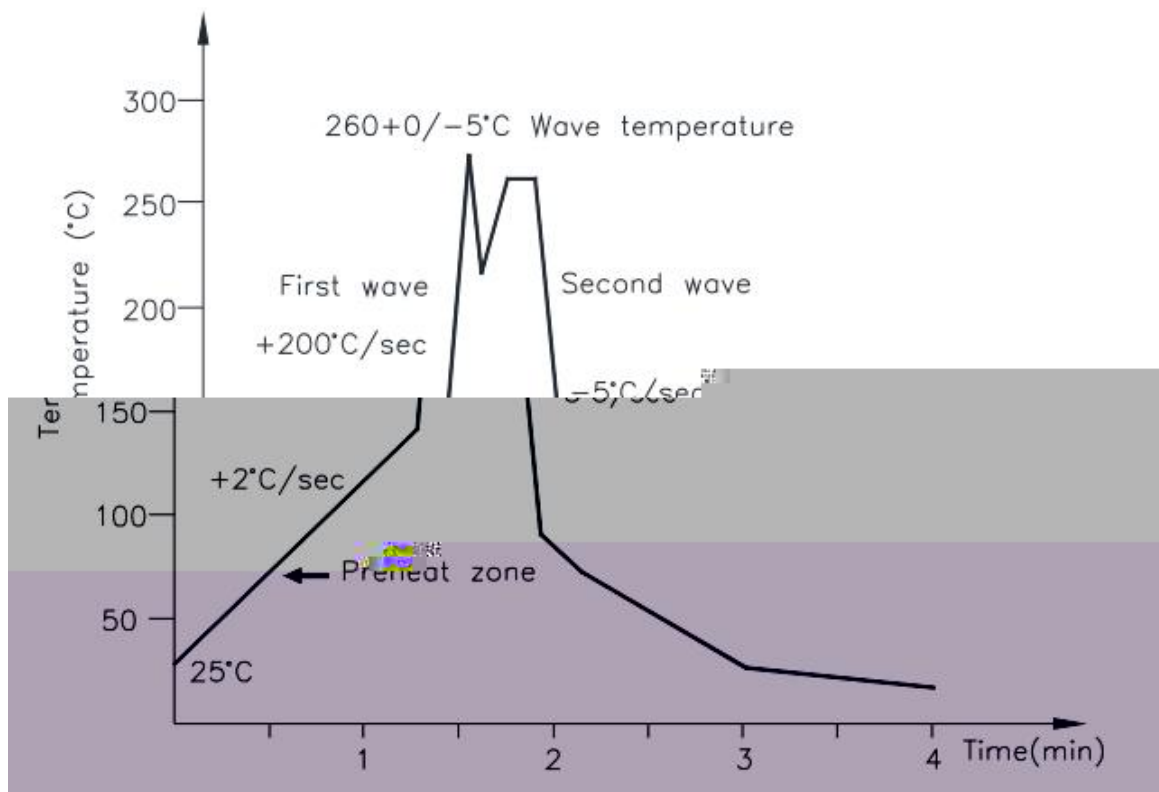


11. Temperature Profile Of Soldering

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



(2).Wave soldering (JEDEC22A111 compliant)



(3).Hand soldering by soldering iron

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12.Characteristics Curves

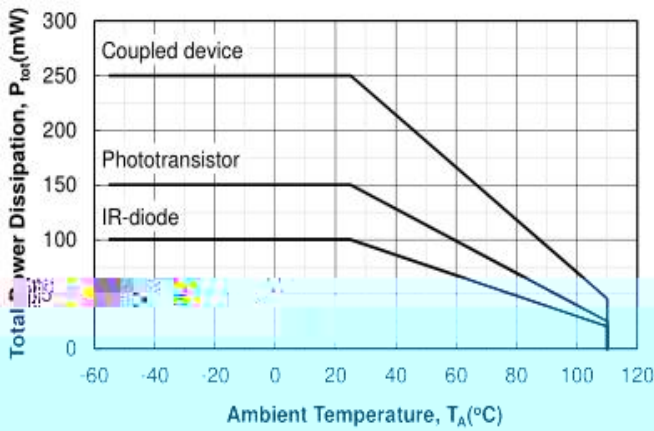


Figure 1. P_{tot} vs. T_A

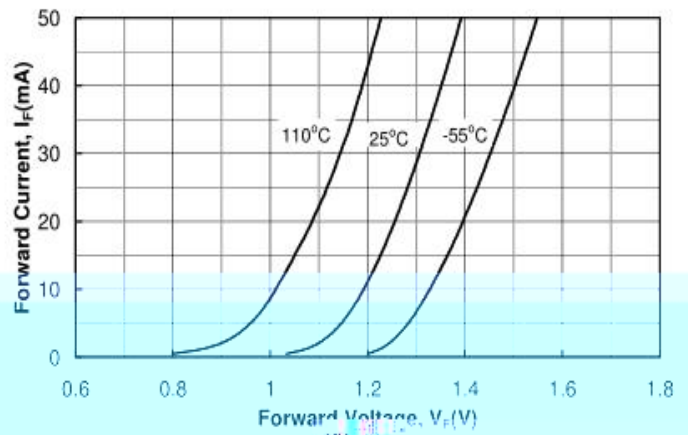


Figure 4. I_F vs. V_F

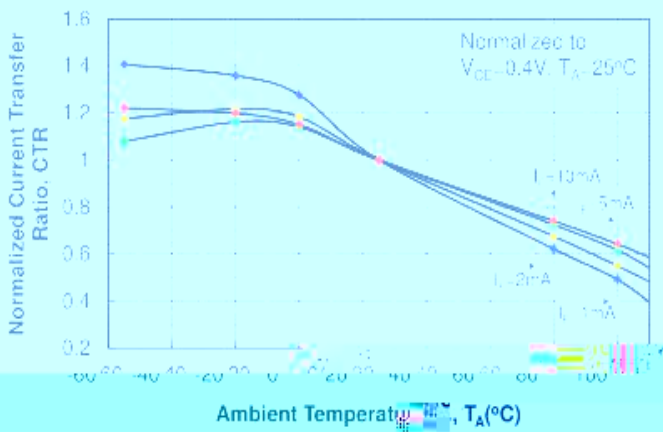


Figure 2. Saturated Normalized CTR vs. T_A

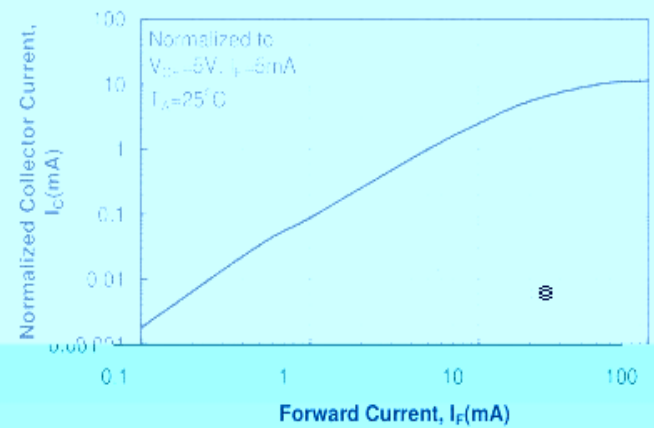


Figure 5. Normalized I_C vs. I_F

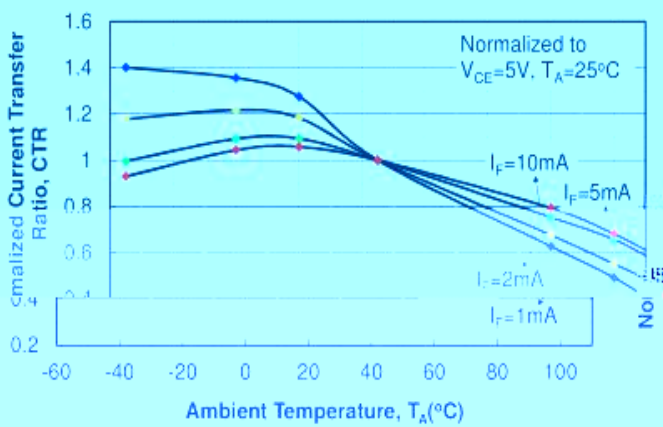


Figure 3. Non-saturated Normalized CTR vs. T_A

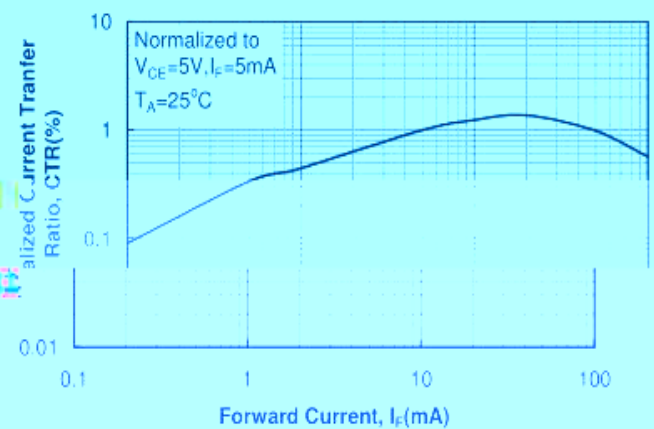


Figure 6. Normalized CTR vs. I_F

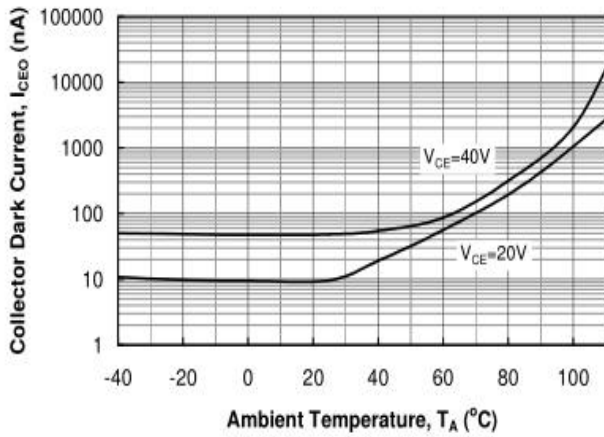


Figure 7. I_{CEO} vs. T_A

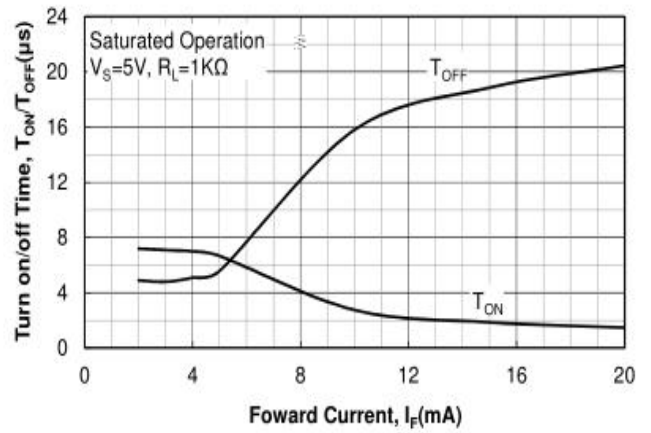


Figure 10. T_{ON} / T_{OFF} vs. I_F

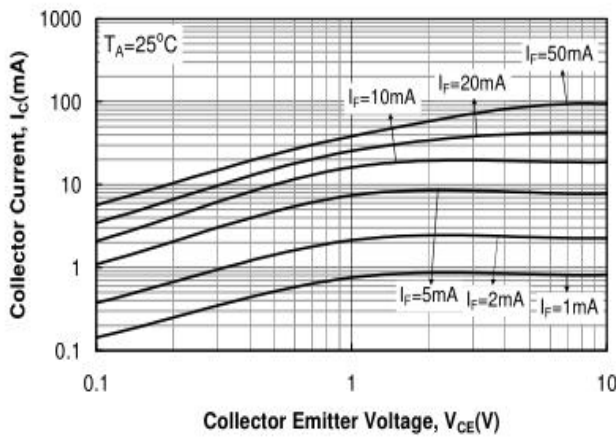


Figure 8. I_C vs. V_{CE}

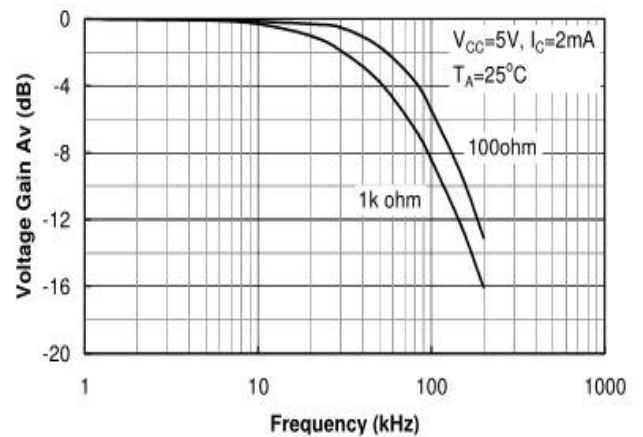


Figure 11. Frequency Response

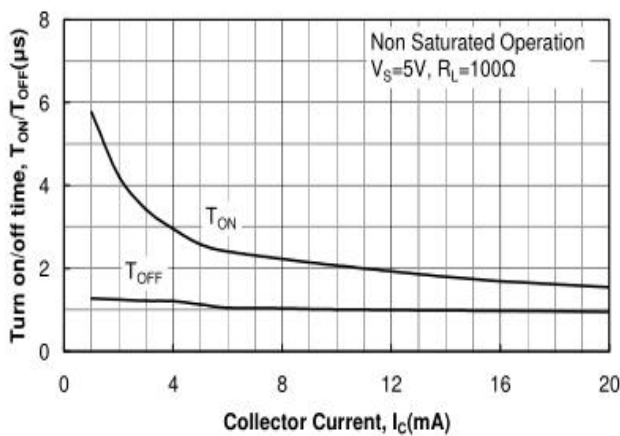


Figure 9. T_{ON} / T_{OFF} vs. I_C



► **Notes:**