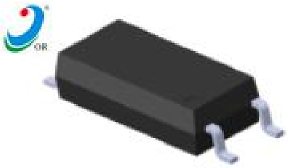
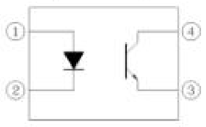
-10

1. Features



Schematic



Pin Configuration
1. Anode
2. Cathode
3. Emitter
4. Collector

2. Description

-10 ,
. 4- .

3.Applications

4. Absolute Maximum Ratings (Ta=25

			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 .

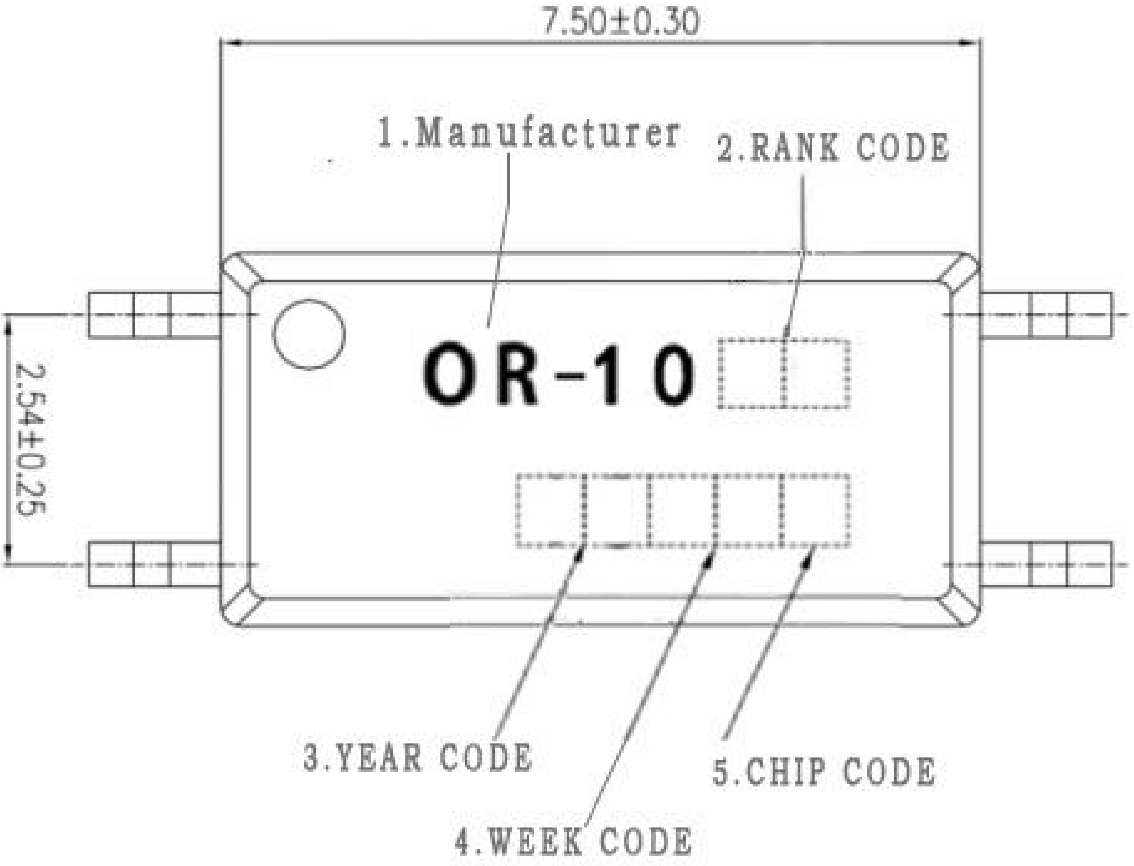
* 2 10

5. Electrical Optical Characteristics at Ta=25°C

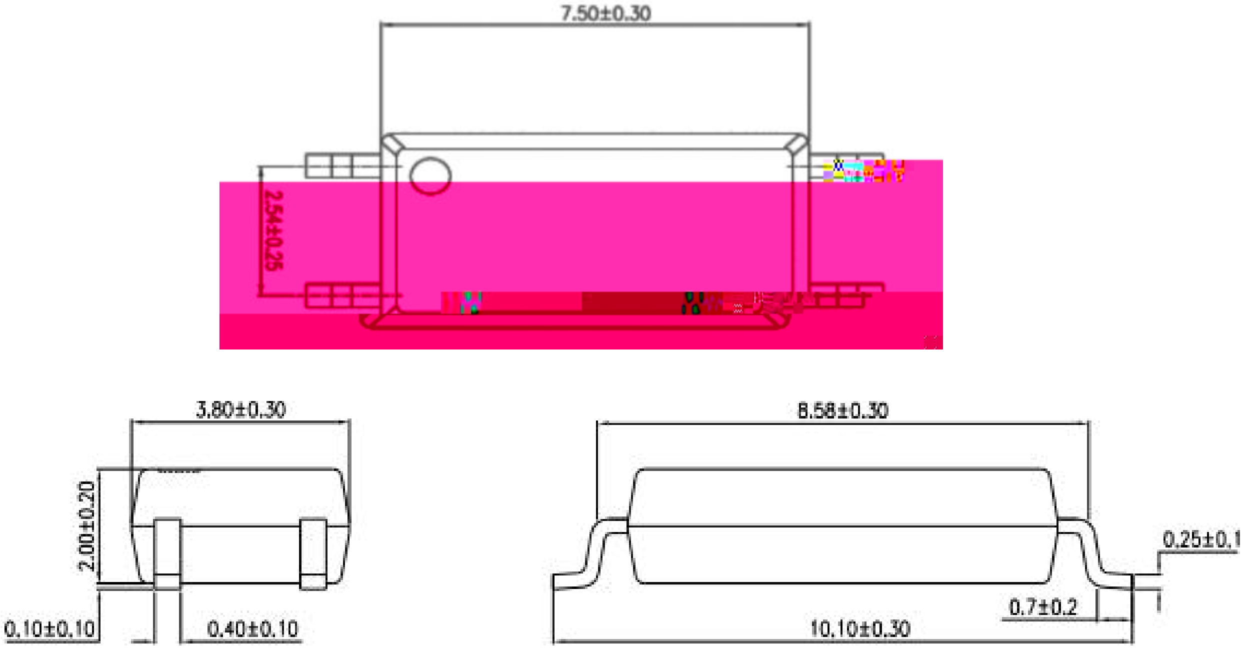
			50	---	1.25	1.6	
			4	---	---	10	
			0, 1	---	50	---	
			20 , 0	---	10	100	
			1 0	0	---	---	
			0.1 0	7	---	---	
			5 5	50	---	600	%
				2.5	---	30	
		( )	10 1	---	---	0.3	
			500 40 60% . .	10^{12}	---	---	
			0, 1	---	0.3	---	
			5 , 2 100	---	3	1	
				---	4.7	1	

6. Rank Table of Current Transfer Ratio

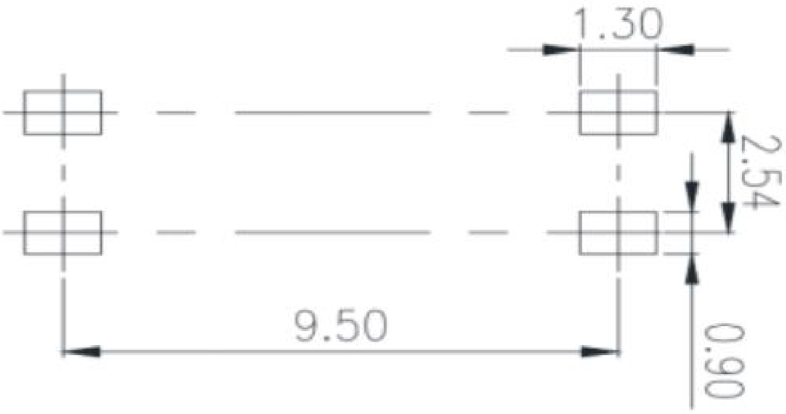
7.Naming Rule



8. Package Dimension

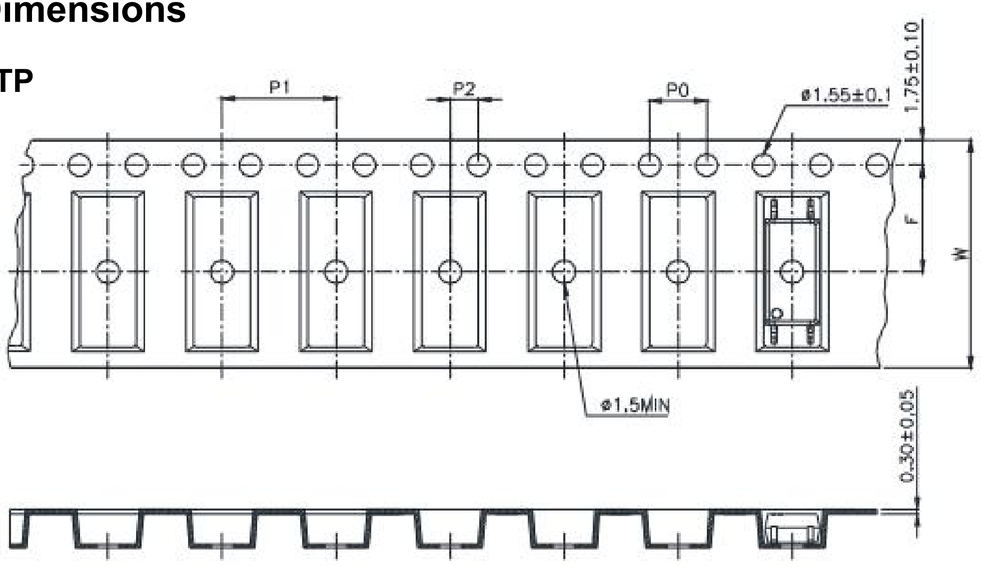


9.RRECOMMENDED FOOT PRINT PATTERNS (MOUNT PAD)

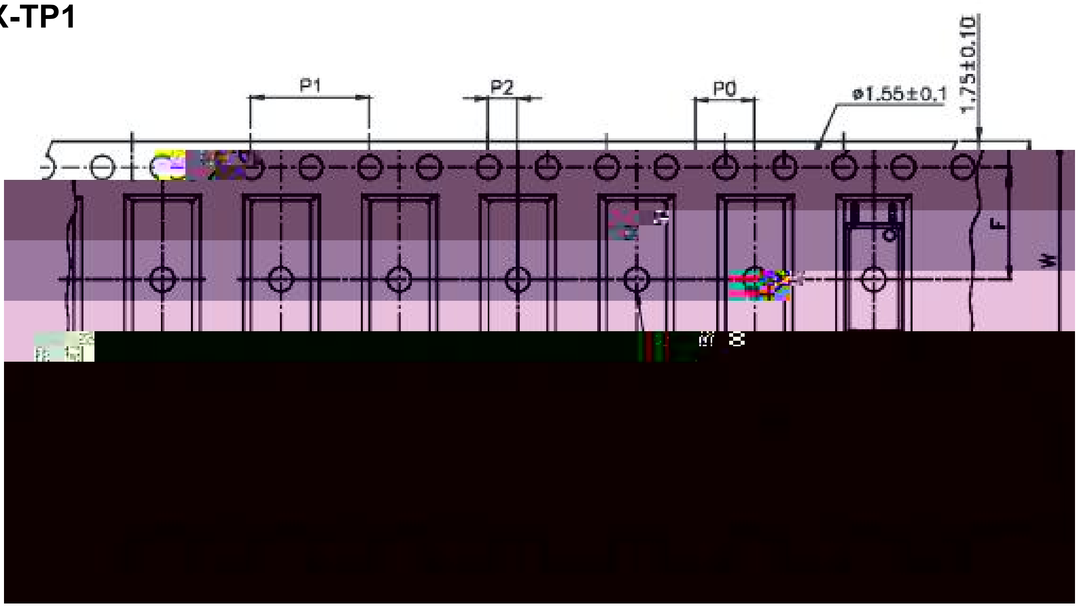


Taping Dimensions

(1) OR-10XX-TP

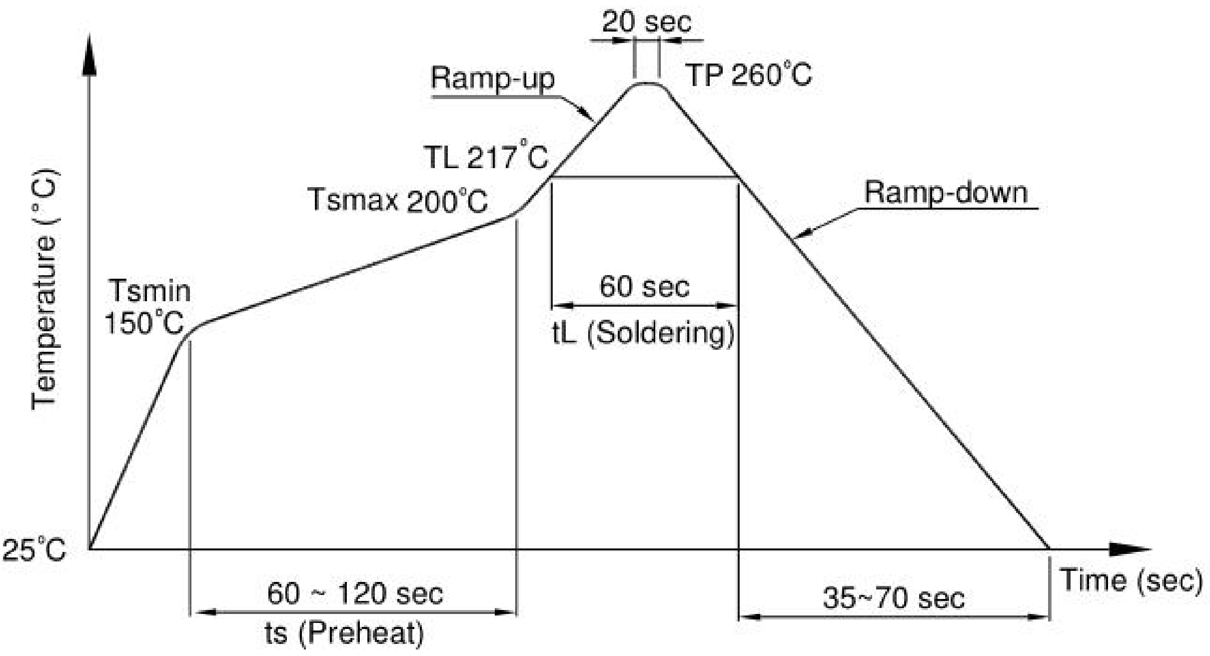


(2) OR-10XX-TP1



11.Temperature Profile Of Soldering

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



12.Characteristics Curves

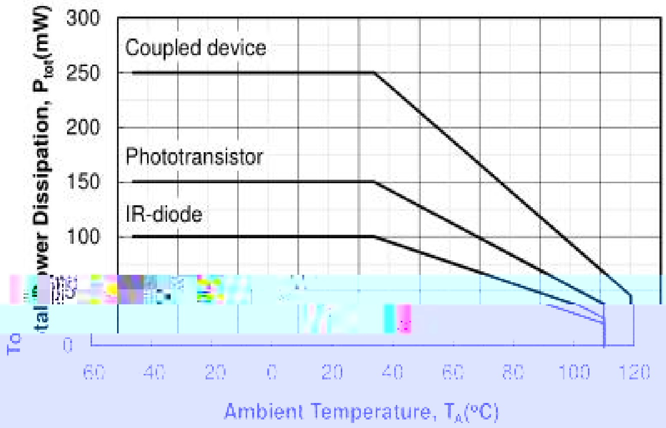


Figure 1. P_{tot} vs. T_A

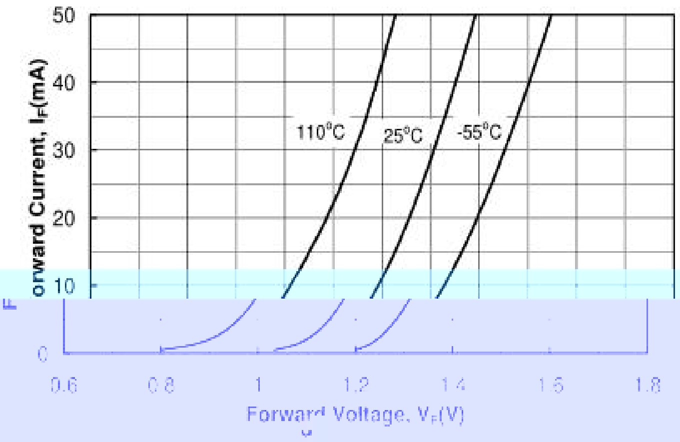


Figure 4. I_F vs. V_F

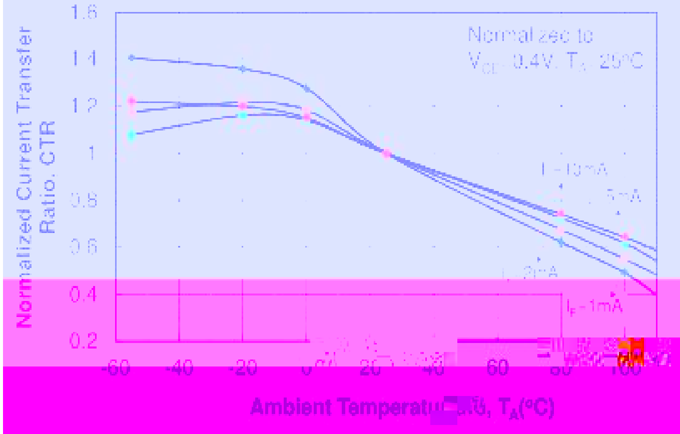


Figure 2. Saturated Normalized CTR vs. T_A

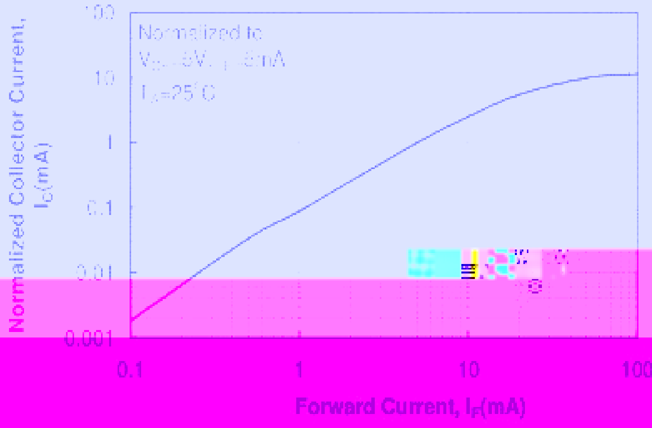


Figure 5. Normalized I_C vs. I_F

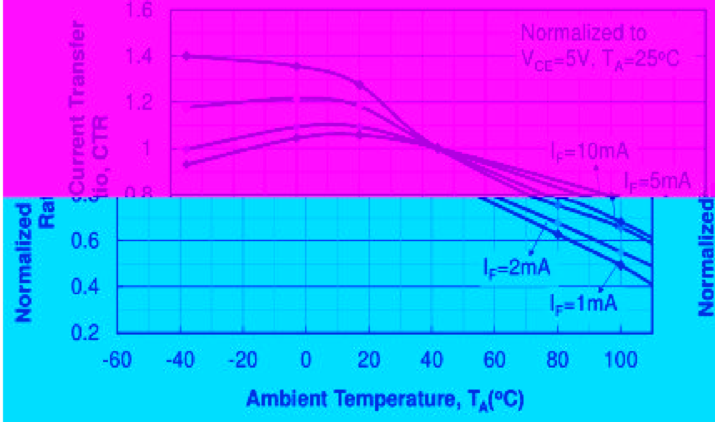


Figure 3. Non-saturated Normalized CTR vs. T_A

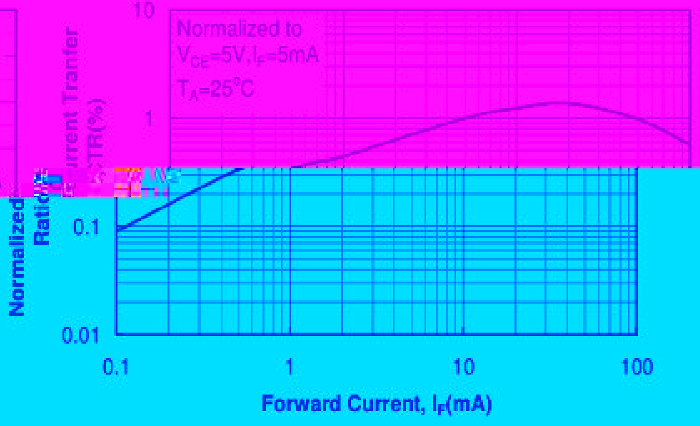


Figure 6. Normalized CTR vs. I_F

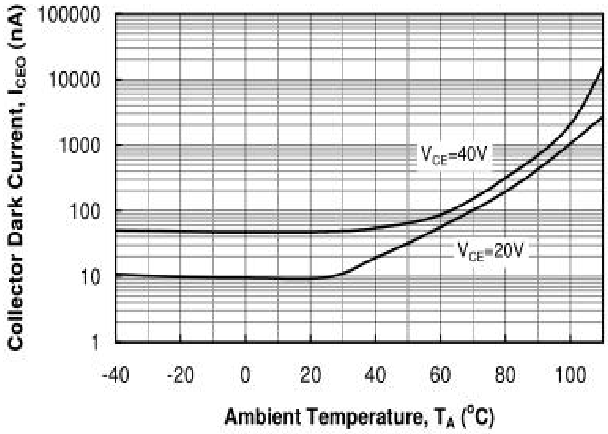


Figure 7. I_{CEO} vs. T_A

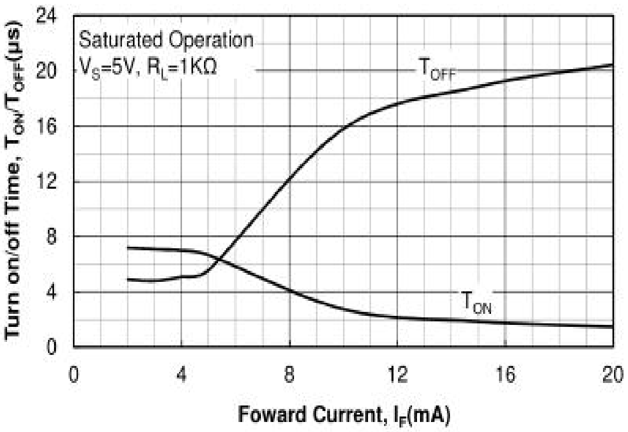


Figure 10. T_{ON} / T_{OFF} vs. I_F

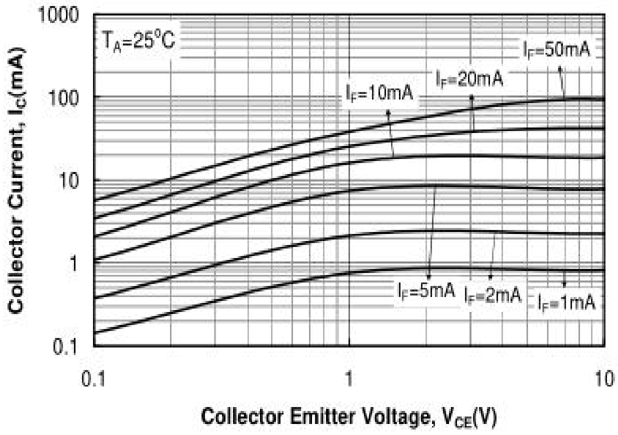


Figure 8. I_C vs. V_{CE}

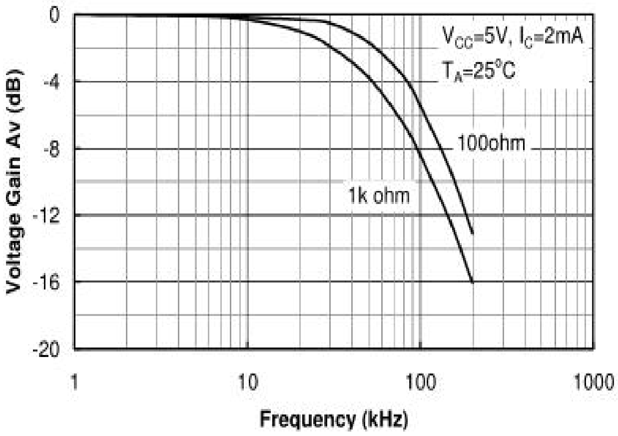


Figure 11. Frequency Response

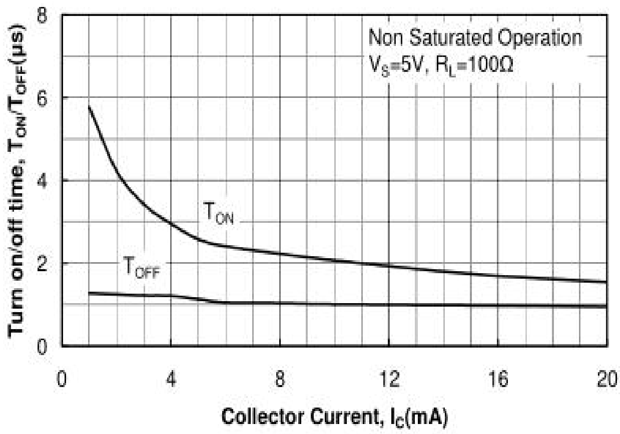


Figure 9. T_{ON} / T_{OFF} vs. I_C

►Notes: