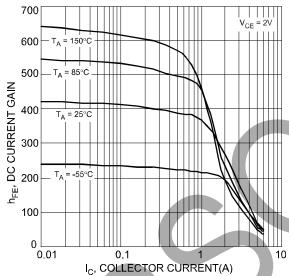


Fig. 1 Power Dissipation vs. Ambient Temperature (Note 3)



I<sub>C</sub>, COLLECTOR CURRENT(A)
Fig. 3 Typical DC Current Gain vs. Collector Current

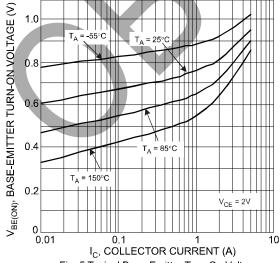


Fig. 5 Typical Base-Emitter Turn-On Voltage vs. Collector Current

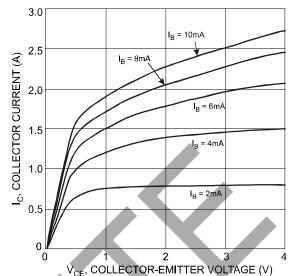


Fig. 2 Typical Collector Current vs. Collector-Emitter Voltage

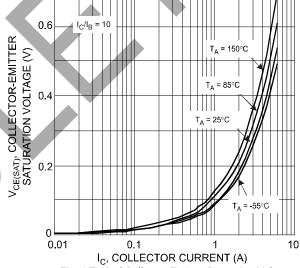


Fig. 4 Typical Collector-Emitter Saturation Voltage vs. Collector Current

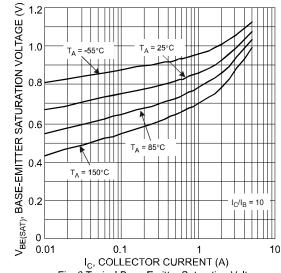


Fig. 6 Typical Base-Emitter Saturation Voltage vs. Collector Current

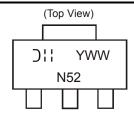


## **Ordering Information** (Note 5)

Device	Packaging	Shipping	
DXT3150-13	SOT89-3L	2500/Tape & Reel	

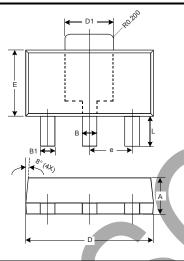
Notes: 5. For packaging details, go to our website at http://www.diodes.com/ap02007.pdf.

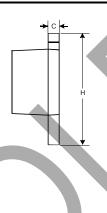
### **Marking Information**



N52 = Product Type Marking Code YWW = Date Code Marking Y = Last digit of year ex: 7 = 2007 WW = Week code 01 - 52

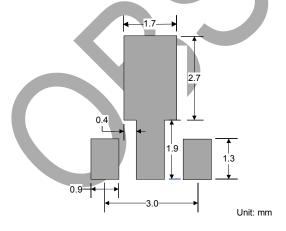
## **Package Outline Dimensions**





SOT89-3L				
Dim	Min	Max	Тур	
Α	1.40	1.60	1.50	
В	0.45	0.55	0.50	
B1	0.37	0.47	0.42	
n	0.35	0.43	0.38	
D	4.40	4.60	4.50	
D1	1.50	1.70	1.60	
Е	2.40	2.60	2.50	
Ф	l	1	1.50	
Н	3.95	4.25	4.10	
L	0.90	1.20	1.05	
All Dimensions in mm				

# **Suggested Pad Layout**





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