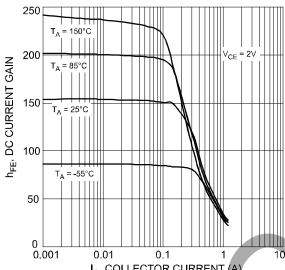
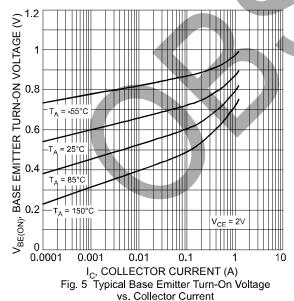
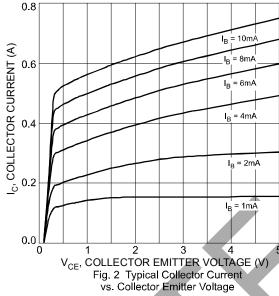


Fig. 1 Power Dissipation vs. Ambient Temperature



I_C, COLLECTOR CURRENT (A)
Fig. 3 Typical DC Current Gain vs. Collector Current





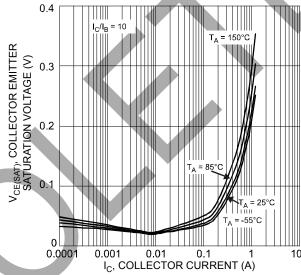


Fig. 4 Typical Collector Emitter Saturation Voltage vs. Collector Current

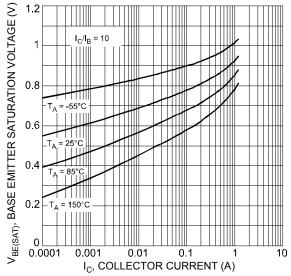
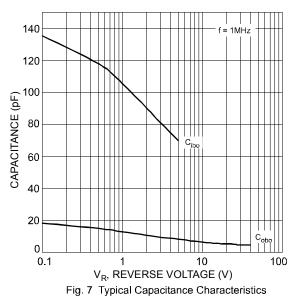


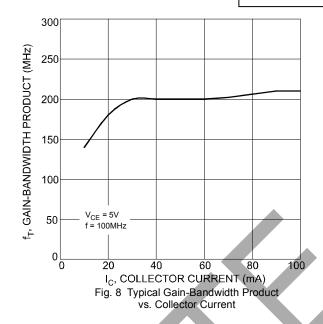
Fig. 6 Typical Base Emitter Saturation Voltage vs. Collector Current

2 of 5

DCP55/-16





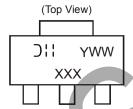


Ordering Information (Note 6)

Device	Packaging	Shipping
DCP55-13	SOT-223	2500 / Tape & Reel
DCP55-16-13	SOT-223	2500 / Tape & Reel

6. For packaging details, please visit our website at http://www.diodes.com/datasheets/ap02007.pdf. Note:

Marking Information

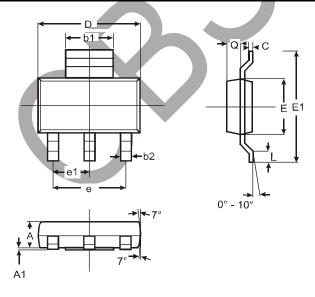


DII = Manufacturer's code marking XXX = Product type marking code Ex: N16 = DCP55

N16-16 = DCP55-16

YWW = Date code marking Y = Last digit of year ex: 7 = 2007 WW = Week code 01 - 52

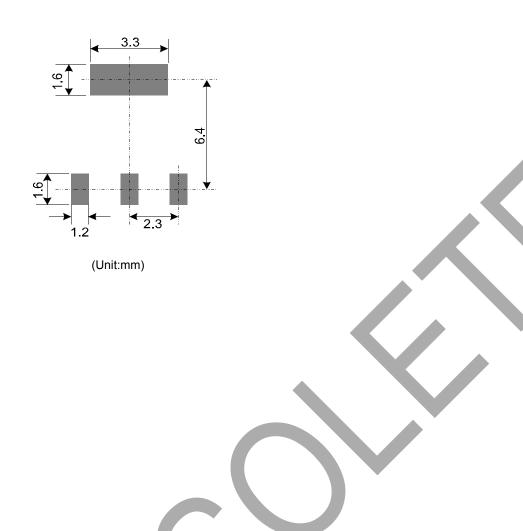
Package Outline Dimensions



SOT-223				
Dim	Min	Max	Тур	
Α	1.55	1.65	1.60	
A 1	0.010	0.15	0.05	
b1	2.90	3.10	3.00	
b2	0.60	0.80	0.70	
С	0.20	0.30	0.25	
D	6.45	6.55	6.50	
Е	3.45	3.55	3.50	
E1	6.90	7.10	7.00	
е		-	4.60	
e1	_	_	2.30	
L	0.85	1.05	0.95	
Q	0.84	0.94	0.89	
All Dimensions in mm				



Suggested Pad Layout: (Based on IPC-SM-782)





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