

Fig. 1 Power Dissipation vs. Ambient Temperature

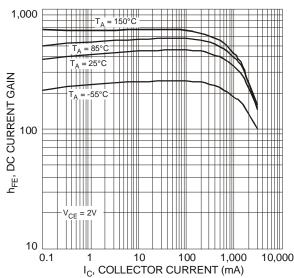
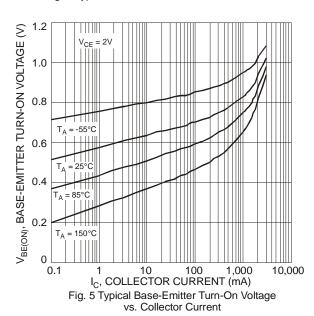


Fig. 3 Typical DC Current Gain vs. Collector Current



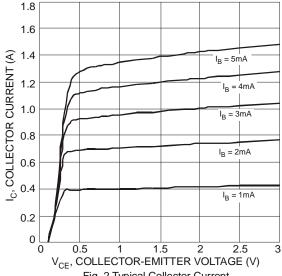


Fig. 2 Typical Collector Current vs. Collector-Emitter Voltage

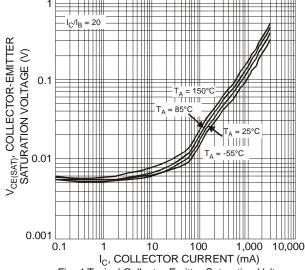
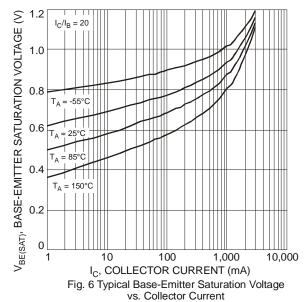
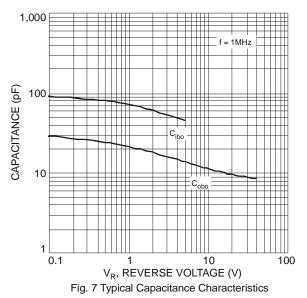


Fig. 4 Typical Collector-Emitter Saturation Voltage vs. Collector Current





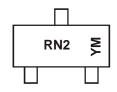


Ordering Information (Note 6)

Part Number	Case	Packaging		
2DD2652-7	SOT-323	3000/Tape & Reel		

Notes: 6. For packaging details, go to our website at http://www.diodes.com/datasheets/ap02007.pdf.

Marking Information

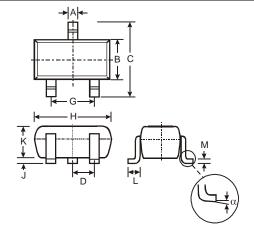


RN2 = Product Type Marking Code YM = Date Code Marking Y = Year (ex: V = 2008) M = Month (ex: 9 = September)

Date Code Key

Year	2008		2009	2010		2011	2012		2013	2014		2015
Code	V		W	X		Υ	Z		Α	В		С
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Code	1	2	3	4	5	6	7	8	9	0	N	D

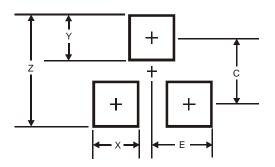
Package Outline Dimensions



SOT-323					
Dim	Min	Max	Тур		
Α	0.25	0.40	0.30		
В	1.15	1.35	1.30		
C	2.00	2.20	2.10		
D	-	-	0.65		
G	1.20	1.40	1.30		
Ι	1.80	2.20	2.15		
7	0.0	0.10	0.05		
K	0.90	1.00	1.00		
L	0.25	0.40	0.30		
М	0.10	0.18	0.11		
α	0°	8°	-		
All Dimensions in mm					



Suggested Pad Layout



Dimensions	Value (in mm)
Z	2.8
Х	0.7
Υ	0.9
С	1.9
E	1.0

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