

Fig. 1, Max Power Dissipation vs. Ambient Temperature

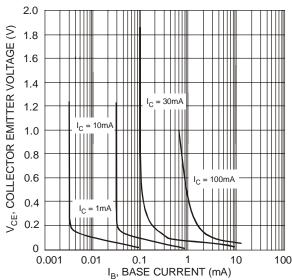


Fig. 3 Typical Collector Saturation Region

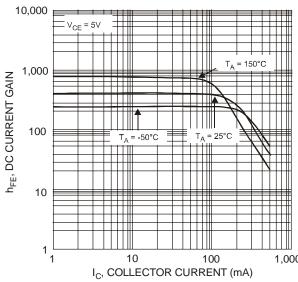


Fig. 5, DC Current Gain vs. Collector Current

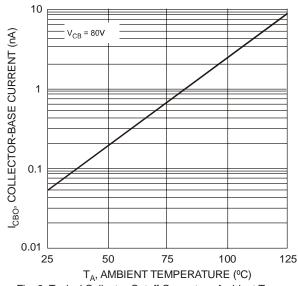


Fig. 2 Typical Collector-Cutoff Current vs. Ambient Temperature

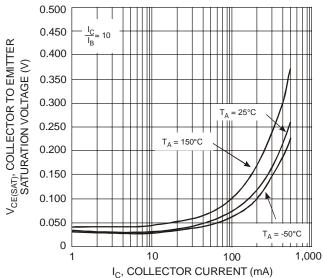


Fig. 4 Collector Emitter Saturation Voltage vs. Collector Current

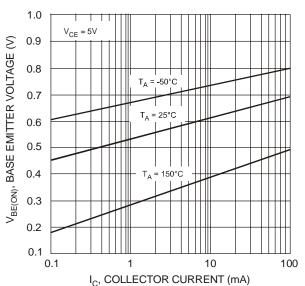


Fig. 6, Base Emitter Voltage vs. Collector Current



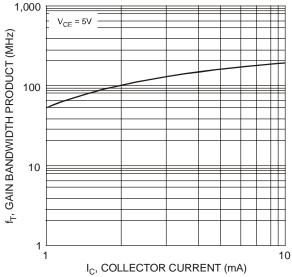


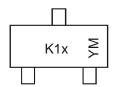
Fig. 7, Gain Bandwidth Product vs Collector Current

Ordering Information (Note 4 and 6)

Device	Packaging	Shipping			
MMSTA05-7-F	SOT-323	3000/Tape & Reel			
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Notes: 6. For packaging details, go to our website at http://www.diodes.com/datasheets/ap02007.pdf.

Marking Information



K1x = Product Type Marking Code, ex: K1H = MMSTA05

YM = Date Code Marking Y = Year ex: N = 2002 M = Month ex: 9 = September

Date Code Key

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Code	J	K	L	М	N	Р	R	S	Т	U	V	W	Х	Υ	Z
Month	Jan	Fe	b	Mar	Apr	May	Ju	n	Jul	Aug	Sep	Oc	t	Nov	Dec
Code	1	2	,	3	4	5	6		7	8	9	0		N	D

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