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Character display horizontal deflection output WWW.100Y.COM.TW WWW.100Y.C

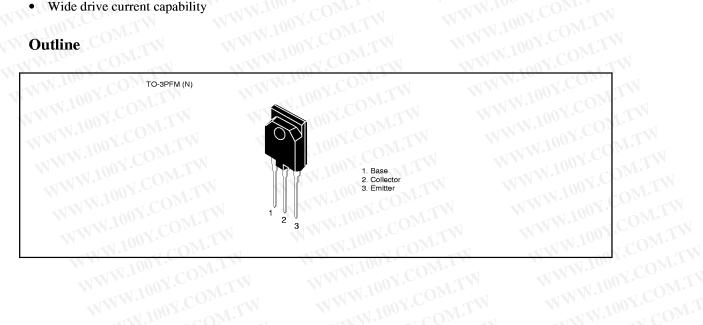
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Features

- High speed switching WWW.10 $t_f = 0.2 \ \mu sec \ (typ)$
 - Wide drive current capability

Outline COM



Absolute Maximum Ratings (Ta = 25°C)

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Collector to base voltage V_{CBO} 1500Collector to emitter voltage V_{CEO} 800Emitter to base voltage V_{EBO} 6Collector current I_c 10Collector surge current $I_{c(surge)}$ 20Collector surge current $I_{c(surge)}$ 20	Item	Symbol	Ratings	TVL
Emitter to base voltageV6Collector currentIc10Collector surge currentIc(surge)20	Collector to base voltage	V _{CBO}	1500	VT.
Collector current I _c 10 Collector surge current I _{c(surge)} 20	Collector to emitter voltage	V _{CEO}	800	
Collector surge current I _{C(surge)} 20	Emitter to base voltage	V _{EBO}	6 00	Nr. J
	Collector current		10.	M_{i}
	Collector surge current	I _{C(surge)}	20	ON
Collector power dissipation P_c^* 50	Collector power dissipation	P _c *1	50	-
Junction temperature Tj 150	Junction temperature	Y.CO. HW	150	C C C
Storage temperature Tstg -55 to +150	Storage temperature	Tstg	-55 to +150	1.C °

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N 100Y.COM.TW **Electrical Characteristics** (Ta = 25°C)

Item Collector to emitter breakdown	Symbol V _{(BR)CEO}	Min 800	Тур	Max —	Unit V	Test conditions $I_c = 10 \text{ mA}, R_{BE} = \infty$
voltage	(BH)CEO	W.10		M. I	N	WWW.home
Emitter to base breakdown voltage	V _{(BR)EBO}	6	100X.C	0 <u>M</u> .1	V	$I_{e} = 10 \text{ mA}, I_{c} = 0$
Collector cutoff current		A. W.	Yon .	500	μA	$V_{ce} = 1500 \text{ V}, \text{ R}_{Be} = 0$
DC current transfer ratio	h _{FE1}	8	1.10	30	Wn	$V_{ce} = 5 \text{ V}, \text{ I}_{c} = 1 \text{ A}$
DC current transfer ratio	h _{FE2}	4	4 <u>7</u> 6	7:0	1.1	$V_{ce} = 5 V, I_{c} = 5 A$
Collector to emitter saturation voltage	V _{CE(sat)}	WV	W . 100	5.00	V	$I_{c} = 6 A, I_{B} = 1.6 A$
Base to emitter saturation voltage	V _{BE(sat)}	-W	<u>. W.</u> W	1.5	OM.T	$I_c = 6 \text{ A}, I_B = 1.6 \text{ A}$
Fall time	ţ	_ \	0.2	0.4	µsec	$I_{_{CP}} = 6 \text{ A}, I_{_{B1}} = 1.5 \text{ A}, f_{_{H}} = 31.5 \text{ kHz}$

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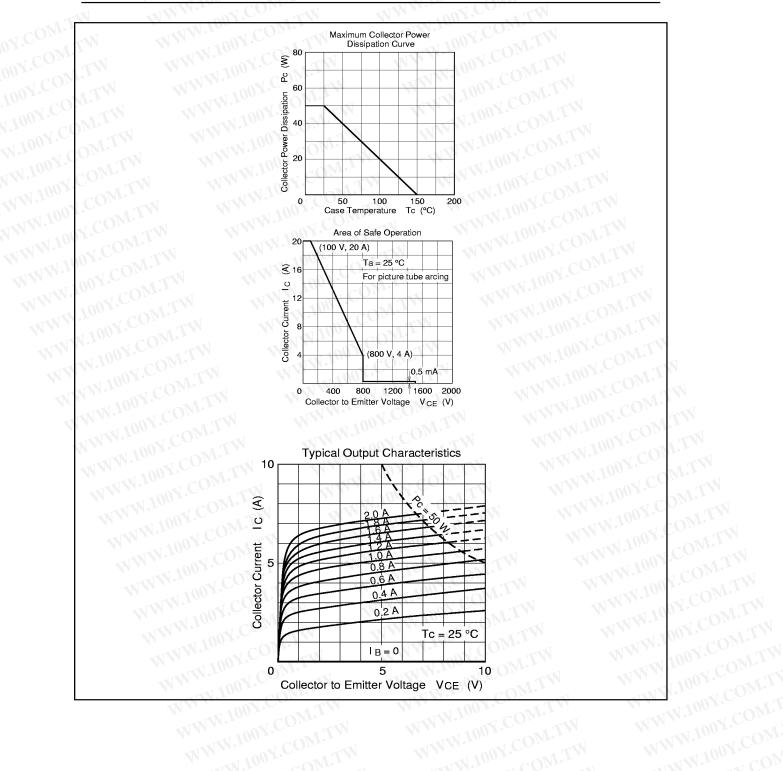
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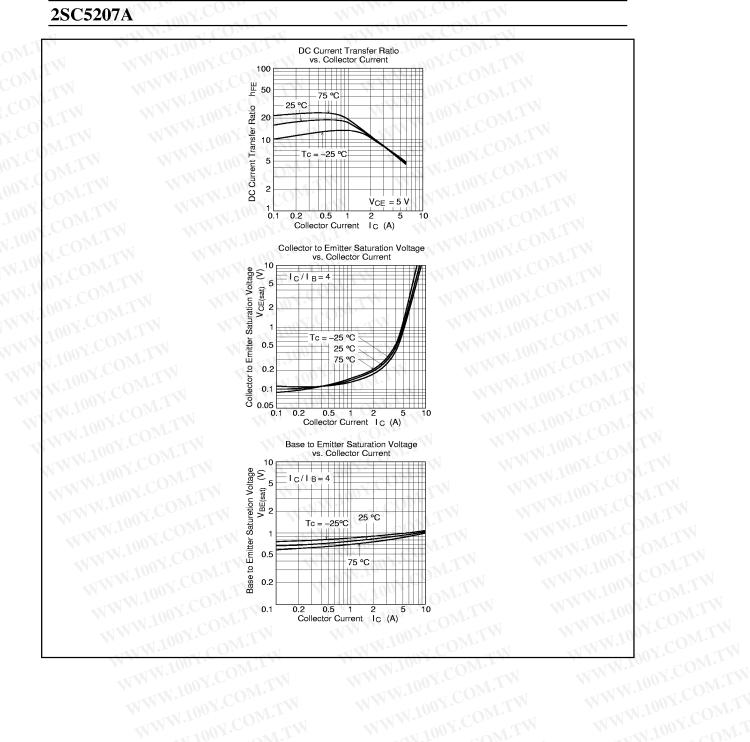
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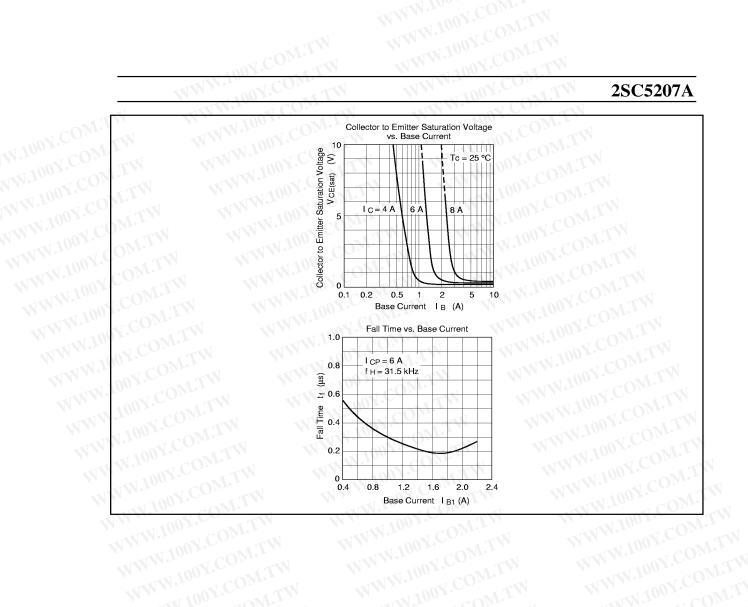


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