
2SC2898

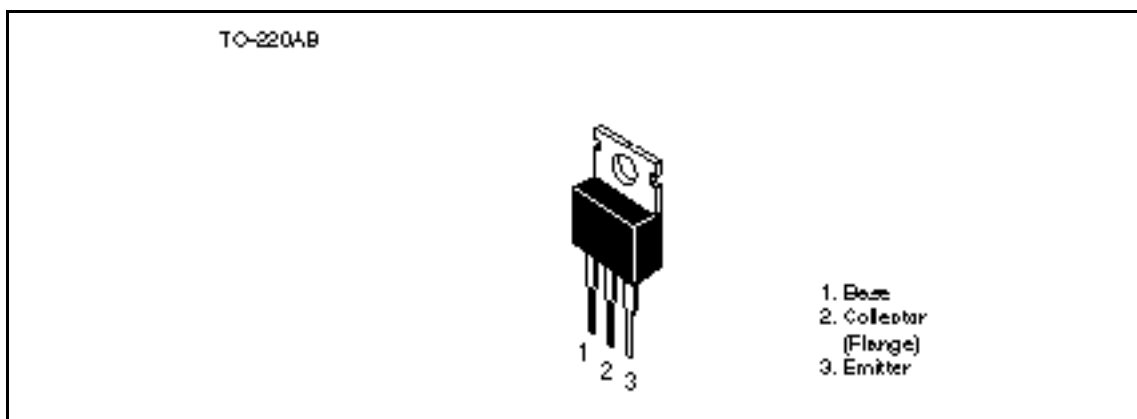
Silicon NPN Triple Diffused

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Application

High voltage, high speed and high power switching

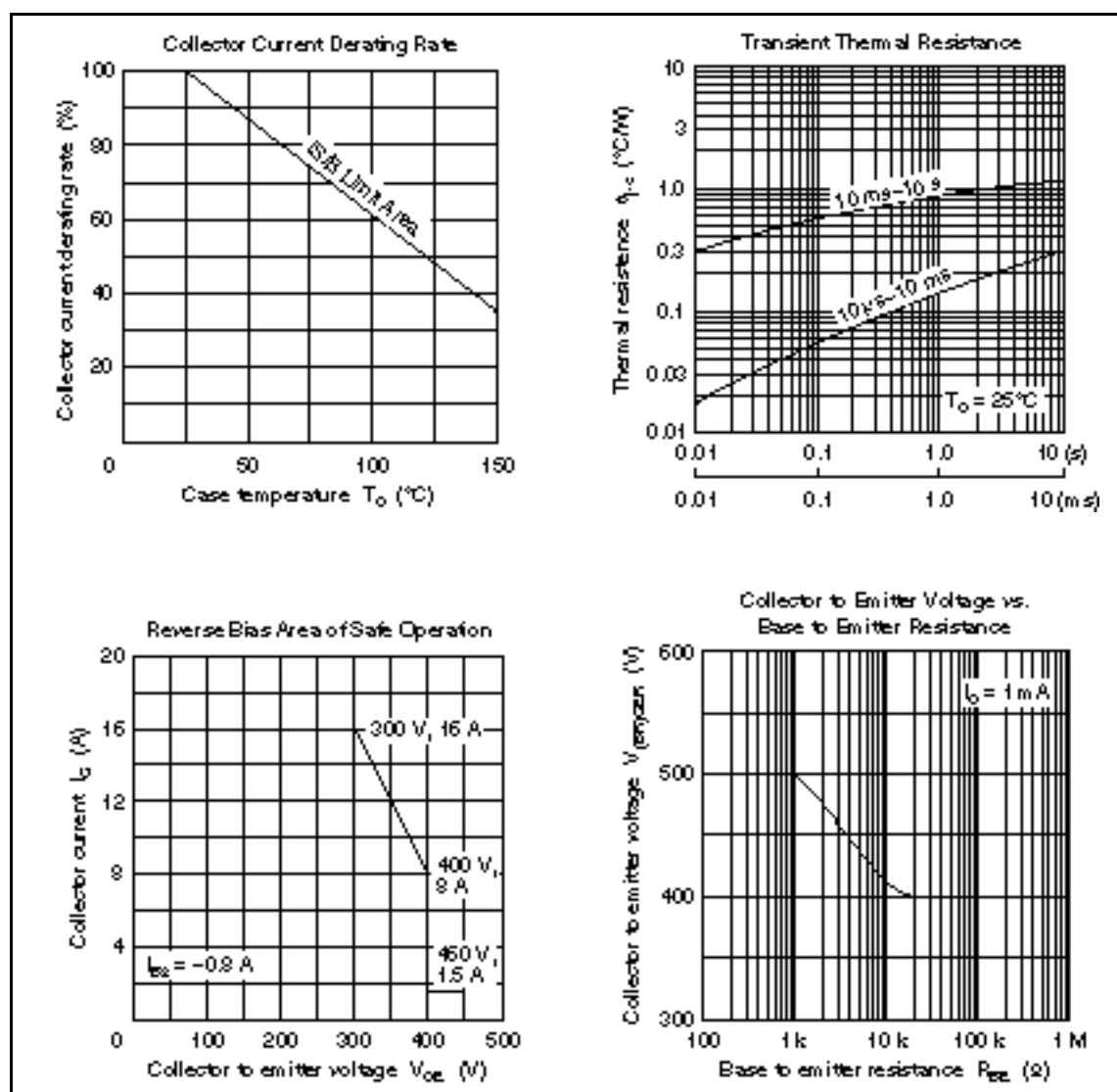
Outline

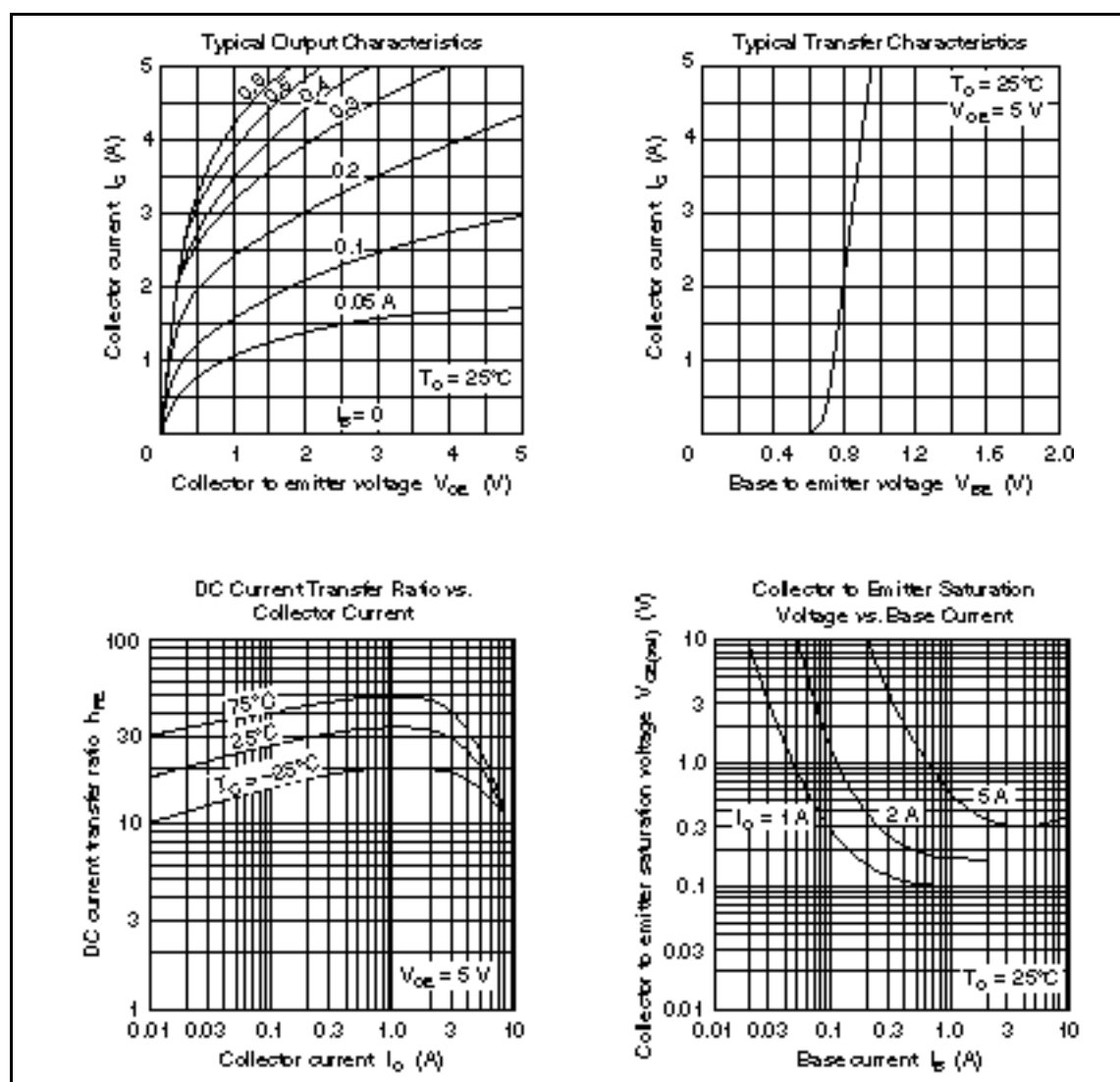


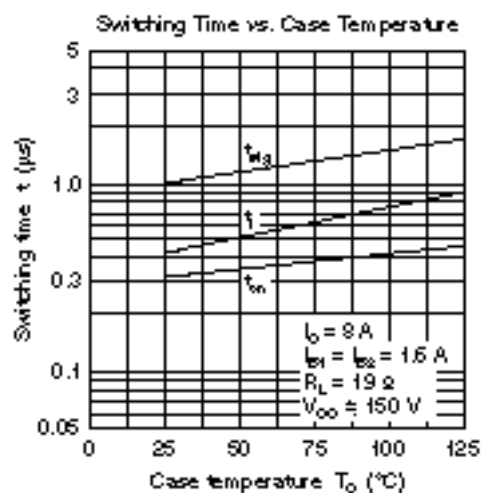
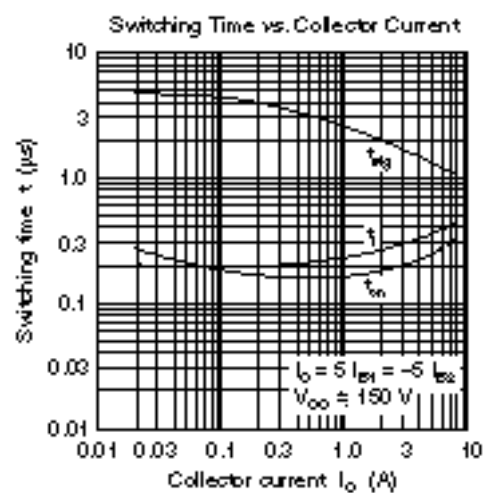
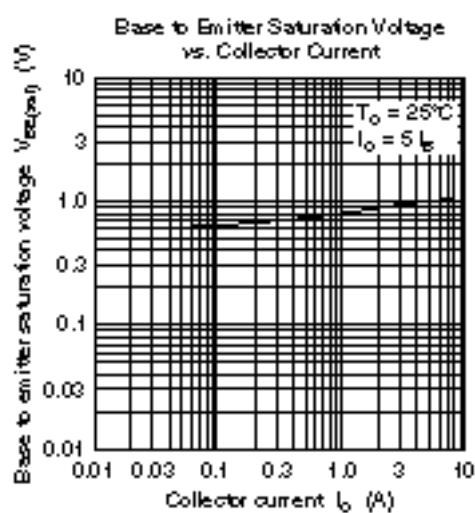
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Item	Symbol	Ratings	Unit
Collector to base voltage	V_{CBO}	500	V
Collector to emitter voltage	V_{CEO}	400	V
Emitter to base voltage	V_{EBO}	7	V
Collector current	I_{C}	8	A
Collector peak current	$I_{\text{C(peak)}}$	16	A
Base current	I_{B}	4	A
Collector power dissipation	P_{C}^{*1}	50	W
Junction temperature	T_{j}	150	$^\circ\text{C}$
Storage temperature	T_{stg}	-55 to +150	$^\circ\text{C}$

Note: 1. Value at $T_{\text{C}} = 25^\circ\text{C}$.







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