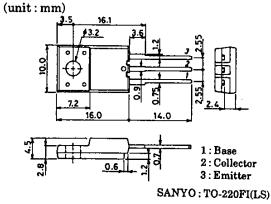


## Features

- $\cdot$  High breakdown voltage (V<sub>CEO</sub> min = -900V).
- Small Cob (Cob typ = 2.2 pF).
- · High reliability (Adoption of HVP process).
- · Package of full isolation type.

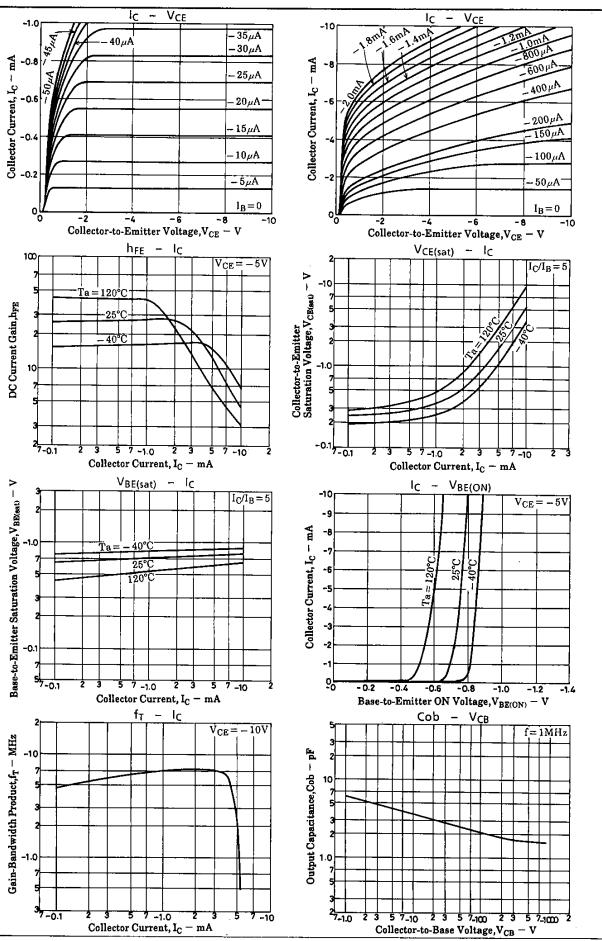
Absolute Maximum Ratings a Collector-to-Base Voltage Collector-to-Emitter Voltage Emitter-to-Base Voltage Collector Current Collector Current (Pulse)	$t Ta = 25 °C$ $V_{CBO}$ $V_{CEO}$ $V_{EBO}$ $I_C$ $I_{CP}$			900 900 -7 -10 -30	unit V V mA mA	
Collector Dissipation	$P_{C}$			2	W	
Junction Temperature	Tj			150	°C	
Storage Temperature	Tstg		-55 to $+150$		°C	
Electrical Characteristics at T Collector Cutoff Current Emitter Cutoff Current DC Current Gain Gain-Bandwidth Product	$I_{CBO}$ $I_{EBO}$ $h_{FE}$ $f_{T}$	$V_{CB} = -900V, I_E = 0$ $V_{EB} = -5V, I_C = 0$ $V_{CE} = -5V, I_C = -1mA$ $V_{CE} = -10V, I_C = -1mA$	min 20	typ 6	max -1 -1 50	unit µA µA MHz
Output Capacitance	Cob	$V_{CB} = -100V, f = 1MHz$		2.2		$\mathbf{pF}$
C-E Saturation Voltage B-E Saturation Voltage C-B Breakdown Voltage C-E Breakdown Voltage E-B Breakdown Voltage	V <sub>CE(sat)</sub> V <sub>BE(sat)</sub> V(BR)CBO V(BR)CEO V(BR)EBO	$I_{C} = -500\mu A, I_{B} = -100\mu A$ $I_{C} = -500\mu A, I_{B} = -100\mu A$ $I_{C} = -100\mu A, I_{E} = 0$ $I_{C} = -1mA, R_{BE} = \infty$ $I_{E} = -100\mu A, I_{C} = 0$	-900 -900 -7		-1 -1.5	V V V V V
<b>D</b> <sup>1</sup>		5 11 10 -	-			

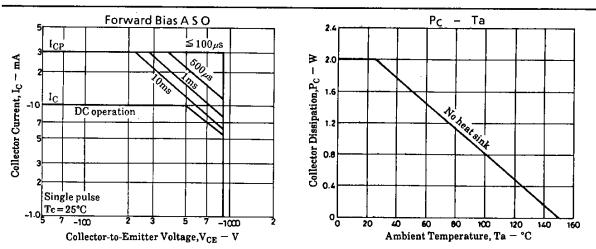
## Package Dimensions 2079B



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