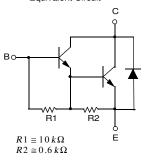
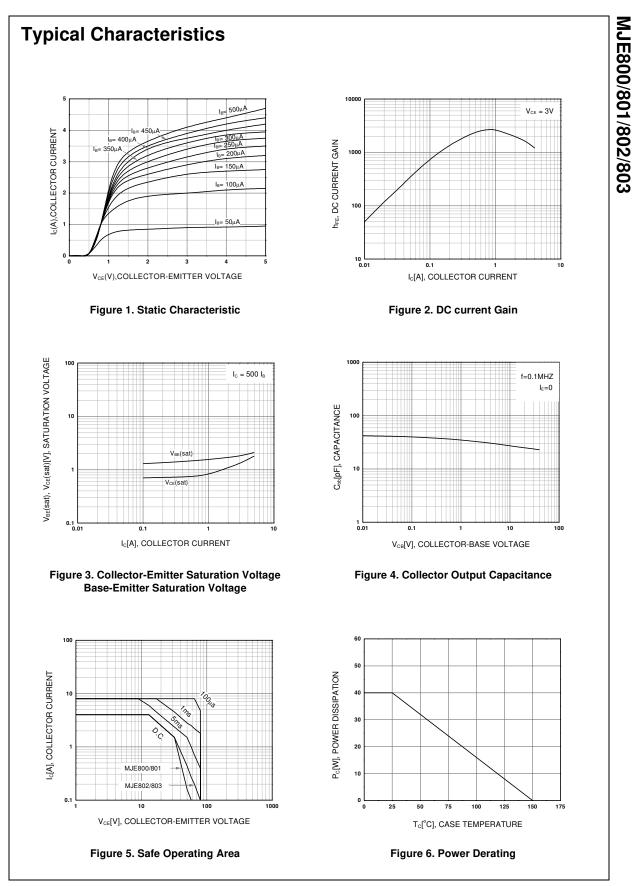


Symbol	Parameter	r	Value	Units	
V _{CBO}	Collector- Base Voltage	: MJE800/801	60	V	-
		: MJE802/803	80	V	
V _{CEO}	Collector-Emitter Voltage	: MJE800/801	60	V	-
		: MJE802/803	80	V	
V _{EBO}	Emitter-Base Voltage		5	V	-
I _C	Collector Current		4	А	-
I _B	Base Current		0.1	А	-
P _C	Collector Dissipation (T _C =25°C)		40	W	-
TJ	Junction Temperature		150	°C	-
T _{STG}	Storage Temperature		- 55 ~ 150	°C	-



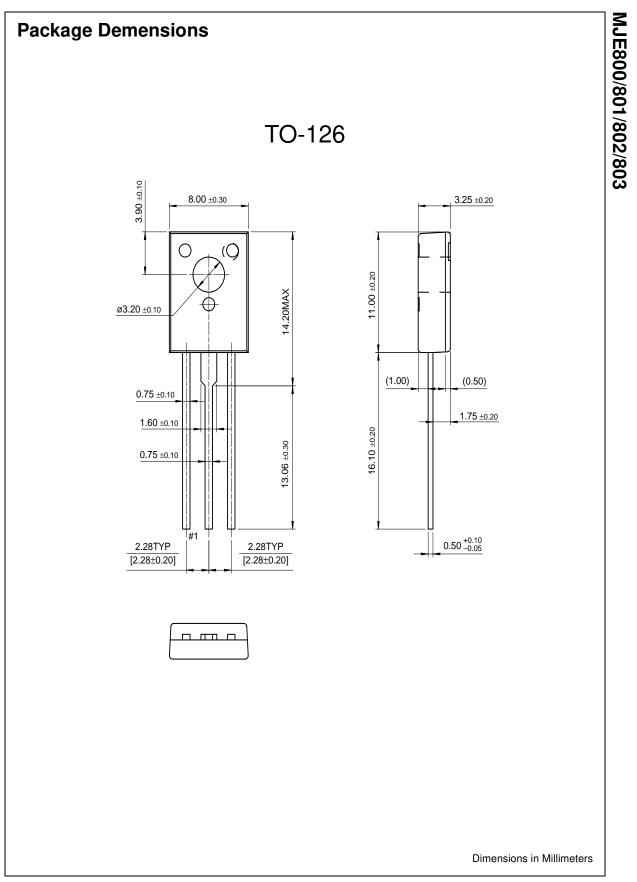
Electrical Characteristics $T_C=25^{\circ}C$ unless otherwise noted

Symbol	Param	eter	Test Condition	Min.	Max.	Units
BV _{CEO}	Collector-Emitter Breakdown Voltage : MJE800/801 : MJE802/803		I _C = 50mA, I _B = 0	60 80		v v
I _{CEO}	Collector Cut-off Current : MJE800/801 : MJE802/803		$V_{CE} = 60V, I_B = 0$ $V_{CE} = 80V, I_B = 0$		100 100	μΑ μΑ
I _{CBO}	Collector Cut-off Current		V_{CB} = Rated BV_{CEO} , I_E = 0 V_{CB} = Rated BV_{CEO} , I_E = 0 T_C = 100°C		100 500	μΑ μΑ
I _{EBO}	Emitter Cut-off Current		$V_{BE} = 5V, I_{C} = 0$		2	mA
h _{FE}		: MJE800/802 : MJE801/803 : ALL DEVICES	$V_{CE} = 3V, I_C = 1.5A$ $V_{CE} = 3V, I_C = 2A$ $V_{CE} = 3V, I_C = 4A$	750 750 100		
V _{CE} (sat)	Collector-Emitter Saturation Voltage : MJE800/802 : MJE801/803 : ALL DEVICES		$I_{C} = 1.5A, I_{B} = 30mA$ $I_{C} = 2A, I_{B} = 40mA$ $I_{C} = 4A, I_{B} = 40mA$		2.5 2.8 3	V V V
V _{BE} (on)	Base-Emitter ON Voltage : MJE800/802 : MJE801/803 : ALL DEVICES		$V_{CE} = 3V, I_{C} = 1.5A$ $V_{CE} = 3V, I_{C} = 2A$ $V_{CE} = 3V, I_{C} = 4A$		2.5 2.5 3	V V V



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