

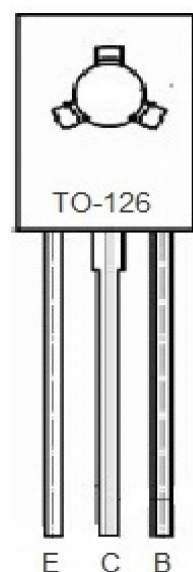
MJE350

Package: TO-126

Complement to MJE340

Maximum Ratings (Ta = 25°)

Parameter	Symbol	Rating	Unit
Collector-base voltage	BV_{CBO}	-300	V
Collector-emitter voltage	BV_{CEO}	-300	V
Emitter-base voltage	BV_{EBO}	-5	V
Collector current	I_{CM}	-500	mA
Collector Power Dissipation	P_C	1.25	W
	$P_C(T_C = 25^\circ)$	20	
Junction Temperature	T_j	150	°C
Storage Temperature	T_{stg}	-55 ~ +150	°C



Electrical Characteristics (Ta=25°C)

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Collector-Base Breakdown Voltage	BV_{CBO}	$I_C = -1mA, I_E = 0$	-300			V
Collector-Emitter Breakdown Voltage	BV_{CEO}	$I_C = -1mA, I_B = 0$	-300			V
Emitter-Base Breakdown Voltage	BV_{EBO}	$I_E = -1mA, I_C = 0$	-5			V
collector-base cut-off current	I_{CBO}	$V_{CB} = -300V, I_E = 0$			-100	μA
emitter-base cut-off current	I_{EBO}	$V_{EB} = 3-V, I_C = 0$			-100	μA
DC current gain	H_{FE1}	$V_{CE} = -10V, I_B = -50mA$	30		240	
collector-emitter saturation voltage	$V_{CE(SAT)}$	$I_C = -50mA, I_B = -5mA$			-1.0	V