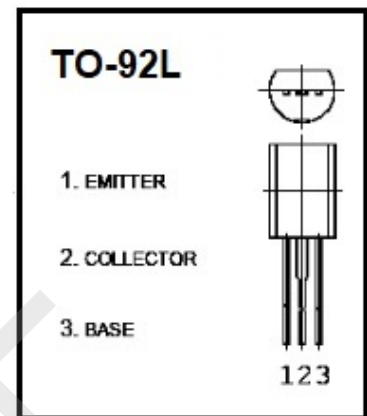


2SC2482

- **Package: TO-92L**

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}	7	V
Collector current	I_{CM}	0.1	A
Collector Power Dissipation	P_C	900	mW
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}	$I_C=100\mu A, I_E=0$	300			V
Collector-Emitter Breakdown Voltage	BV_{CEO}	$I_C=3mA, I_B=0$	300			V
Emitter-Base Breakdown Voltage	BV_{EBO}	$I_E=100\mu A, I_C=0$	7			V
collector-base cut-off current	I_{CBO}	$V_{CB}=240V, I_E=0$			1.0	μA
collector-emitter cut-off current	I_{CEO}	$V_{CE}=220V, I_B=0$			5.0	μA
emitter-base cut-off current	I_{EBO}	$V_{EB}=7V, I_C=0$			1.0	μA
DC current gain	H_{FE}	$V_{CE}=10V, I_C=0.2A$	30		150	
collector-emitter saturation voltage	V_{CESAT}	$I_C=10mA, I_B=1.0mA$			1.0	V
Base-Emitter Saturation Voltage	V_{BESAT}	$I_C=10mA, I_B=1.0mA$			1.2	V
Transition frequency	f_T	$V_{CE}=10V, I_C=20mA$	50			MHz

Classification of H_{FE}

Rank	O	Y
Range	30-90	90-150