

MJD127T4 (2A)

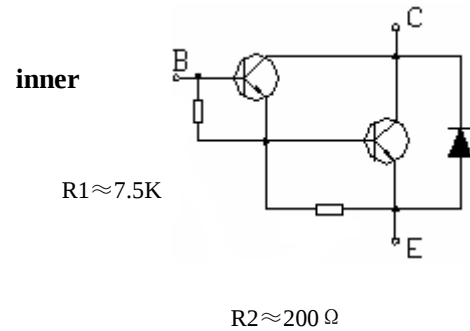
- **need road:**
Power adjustment, audio power amplifier, other electronic circuits
- **feature:**
Maximum collector current I_{CM} : 2A

structure:

- **Packaging form:**
T0-252



TO-252



- Electrical characteristics ($T_a=25^\circ C$)

Parameter name	symbol	test condition	representative value	minimum	maximum	unit
Collector-base breakdown voltage	BV_{CBO}	$I_C=0.1mA, I_E=0$	-260	-150		V
Collector-emitter breaking voltage	BV_{CEO}	$I_C=10mA, I_B=0$	-150	-100		V
Collector-emitter maintenance voltage	$V_{CEO} (sus)^*$	$I_C=20mA, I_B=0$		-100		V
Transmitter-base pole breakdown voltage	BV_{EBO}	$I_E=1mA, I_C=0$		-4		V
Collector-base cut-off current	I_{CBO}	$V_{CB}=150V, I_E=0$			-1	μA
Collector-emitter cut-off current	I_{CEO}	$V_{CE}=100V, I_B=0$			-1	μA
Eemitter-base cut-off current	I_{EBO}	$V_{EB}=10V, I_C=0$	-1.3		-2.5	mA
DC current gain	h_{FE}	$V_{CE}=5V, I_C=1A$		2K	15K	
The collector- -the emitter saturation voltage	V_{CES}	$I_C=3A, I_B=12mA$	-1.2		-1.8	V