



ELECTRONICS, INC.
 44 FARRAND STREET
 BLOOMFIELD, NJ 07003
 (973) 748-5089

NTE2554 (NPN) & NTE2555 (PNP) Silicon Complementary Transistors Darlington Driver

Applications:

- Industrial Equipment
- Printers
- Typewriters
- Sewing Machines
- Recorders
- Computers
- Igniters
- Car Coolers
- Projectors
- Players
- Stereos
- Home Appliances
- Audio Equipment
- ECRs

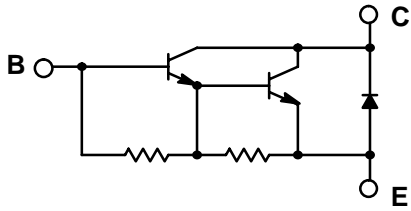
Absolute Maximum Ratings: ($T_A = +25^\circ\text{C}$ unless otherwise specified)

Collector–Base Voltage, V_{CBO}	70V
Collector–Emitter Voltage, V_{CEO}	60V
Emitter–Base Voltage, V_{EBO}	6V
Collector Current, I_C	7A
Collector Power Dissipation ($T_C = +25^\circ\text{C}$), P_C	35W
Operating Junction Temperature, T_J	$+150^\circ\text{C}$
Storage Temperature Range, T_{stg}	-55° to $+150^\circ\text{C}$

Electrical Characteristics: ($T_A = +25^\circ\text{C}$ unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
DC Current Gain	h_{FE}	$V_{CE} = 2V, I_C = 3.5A$	2000	–	–	
Collector–Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C = 3.5A, I_B = 7mA$	–	–	1.5	V
Transition Frequency	f_T		–	20	–	MHz

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