



**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

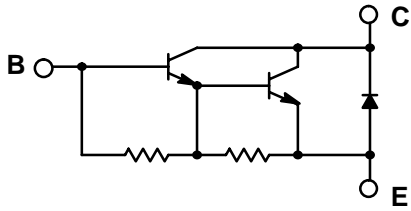
**Absolute Maximum Ratings:** ( $T_A = +25^\circ\text{C}$  unless otherwise specified)

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, $T_{stg}$ .....	$-55^\circ$ 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

**NTE2554  
(NPN)**



**NTE2555  
(PNP)**

