

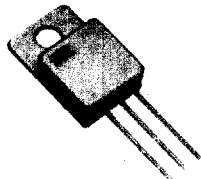
# STC

## BIPOLAR

B I P O L A R

### PNP POWER TRANSISTORS

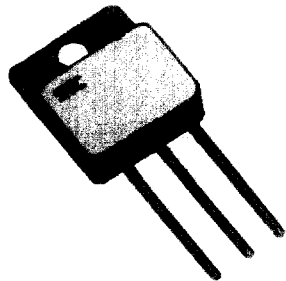
PACKAGE  
TO-257



DEVICE TYPE	BV <sub>CEO</sub> VOLTS	PEAK I <sub>C</sub> AMPS	h <sub>FE</sub> min/max	I <sub>C</sub> @ V <sub>CE</sub> A V	V <sub>CE</sub> (sat)		I <sub>C</sub> @ I <sub>B</sub> A A
					max VOLTS	I <sub>C</sub> @ I <sub>B</sub> A A	
STP3719	40	10.0	25-180	1.0/2.0	0.9	1.5/0.15	
STP3720	60	10.0	25-180	1.0/2.0	0.9	1.5/0.15	
STP3867	40	10.0	40-200	1.5/2.0	0.9	1.5/0.15	
STP3868	60	10.0	30-150	1.5/2.0	0.9	1.5/0.15	
STP6190	80	5.0	30-120	2.0/0.2	0.9	2.0/0.2	
STP6191	80	5.0	60-240	2.0/0.2	0.9	2.0/0.2	
STP6193	100	5.0	60-240	2.0/0.2	0.9	2.0/0.2	

### NPN POWER TRANSISTORS

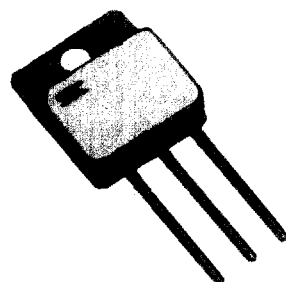
PACKAGE  
TO-258



DEVICE TYPE	BV <sub>CEO</sub> VOLTS	PEAK I <sub>C</sub> AMPS	h <sub>FE</sub> min/max	I <sub>C</sub> @ V <sub>CE</sub> A V	V <sub>CE</sub> (sat)		I <sub>C</sub> @ I <sub>B</sub> A A
					max VOLTS	I <sub>C</sub> @ I <sub>B</sub> A A	
STP4865	80	90.0	10-40	70.0/5.0	2.2	70.0/7.0	
STP4866	120	90.0	10-40	70.0/5.0	2.2	70.0/7.0	
STP5250	100	90.0	10-40	70.0/5.0	2.2	70.0/7.0	
STP5251	150	90.0	10-40	70.0/5.0	2.2	70.0/7.0	
STP0100	100	100.0	20-100	60.0/4.0	0.75	60.0/6.0	
STP0101	150	75.0	20-100	40.0/4.0	0.75	40.0/4.0	
STP0102	200	50.0	20-100	20.0/4.0	0.75	20.0/2.0	

### PNP POWER TRANSISTORS

PACKAGE  
TO-258



DEVICE TYPE	BV <sub>CEO</sub> VOLTS	PEAK I <sub>C</sub> AMPS	h <sub>FE</sub> min/max	I <sub>C</sub> @ V <sub>CE</sub> A V	V <sub>CE</sub> (sat)		I <sub>C</sub> @ I <sub>B</sub> A A
					max VOLTS	I <sub>C</sub> @ I <sub>B</sub> A A	
STP0200	100	75.0	10-40	50.0/5.0	1.0	50.0/5.0	
STP0201	80	75.0	10-40	50.0/5.0	1.0	50.0/5.0	
STP0202	60	75.0	15-30	50.0/5.0	1.0	50.0/5.0	
STP0203	100	100.0	15-100	60.0/4.0	1.0	60.0/6.0	
STP0204	150	75.0	15-100	40.0/4.0	1.0	40.0/4.0	

Electrical Characteristics at 25°C unless otherwise noted.