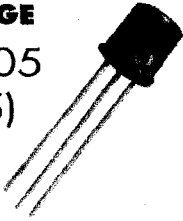


# STC BIPOLAR

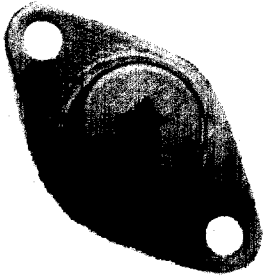
## NPN POWER TRANSISTORS

**PACKAGE**  
TO-205  
(TO-5)



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>		V <sub>CE</sub> (sat)		I <sub>C</sub> @ I <sub>B</sub>	
				A	V	max VOLTS	I <sub>C</sub> @ I <sub>B</sub> A A		
2N1714**	60	0.75	20 min	0.2/5.0		2.0		0.2/0.02	
2N1715**	100	0.75	20 min	0.2/5.0		2.0		0.2/0.02	
2N1716	60	0.75	40 min	0.2/5.0		2.0		0.2/0.02	
2N1717**	100	0.75	40 min	0.2/5.0		2.0		0.2/0.02	

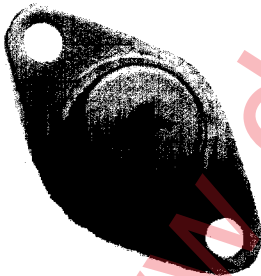
TO-213



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>		V <sub>CE</sub> (sat)		I <sub>C</sub> @ I <sub>B</sub>	
				A	V	max VOLTS	I <sub>C</sub> @ I <sub>B</sub> A A		
2N3584**	300	5.0	25-100	1.0/10.0		0.75		1.0/0.125	
2N3585**	400	5.0	25-100	1.0/10.0		0.75		1.0/0.125	
2N3766**	60	1.0	40-160	0.5/5.0		1.01		0.5/0.05	
2N3767**	80	1.0	40-160	0.5/5.0		1.01		0.5/0.05	
2N3738	225	0.25	40-220	0.1/10.0		2.5		.25/0.025	
2N3739**	300	0.25	40-200	0.1/10.0		2.5		.25/0.025	
2N3879**	75	7.0	12-100	4.0/2.0		1.2		4.0/0.4	

## PNP POWER TRANSISTORS

**PACKAGE**  
TO-213  
(TO-66)



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>		V <sub>CE</sub> (sat)		I <sub>C</sub> @ I <sub>B</sub>	
				A	V	max VOLTS	I <sub>C</sub> @ I <sub>B</sub> A A		
2N3740**	60	4.0	30-100	.250/1.0		0.6		1.0/0.125	
2N3741**	80	4.0	30-100	.250/1.0		0.6		1.0/0.125	
2N3741A	80	4.0	30-100	.250/1.0		0.6		1.0/0.125	

Electrical Characteristics at 25°C unless otherwise noted.  
\*\*Available in JANIX & TXV.