

# PRODUCT CATALOG

## PRO-ELECTRON POWER TRANSISTORS



DEVICE TYPE	POLARITY	IC(cont.) MAX AMPS	VCEO MAX VOLTS	hFE @ MIN/MAX	IC AMPS	VCE(sat)@ MAX/VOLTS	IC	fT MIN(MHz)	PT MAX. WATTS	CASE TYPE	CHIP TYPE
BD 130	NPN	15	60	20.0/700	4.0	1.1	4.0	1.1	113.0	TO-3	185
BD 142	NPN	15	45	12.5/160	4.0	1.1	4.0	1.3	117.0	TO-3	185
BDY 20	NPN	15	60	20.0/700	4.0	1.1	4.0	1.0	115.0	TO-3	177
BDY 29	NPN	30	75	15.0/600	15.0	1.2	15.0		220.0	TO-3	186
BDY 37	NPN	16	140	15.0/600	8.0	1.4	8.0		150.0	TO-3	112
BDY 38	NPN	6	40	30	4.0	0.7	2.0	1.0	115.0	TO-3	185
BDY 39	NPN	15	60	25.0/100	4.0	0.7	4.0	0.8	115.0	TO-3	177
BDY 55	NPN	15	60	20.0/700	4.0	2.5	10.0	10.0	115.0	TO-3	185
BDY 56	NPN	15	120	20.0/700	4.0	2.5	10.0	10.0	115.0	TO-3	185
BDY 57	NPN	25	80	20.0/600	4.0	1.4	2.0	10.0	175.0	TO-3	114
BDY 58	NPN	25	125	20.0/600	4.0	1.4	2.0	10.0	175.0	TO-3	186
BDY 90	NPN	10	100	20	10.0	1.5	10.0	70.0	70.0	TO-3	185
BDY 91	NPN	10	80	20	10.0	1.5	10.0	70.0	70.0	TO-3	185
BDY 93	NPN	3	350	15.0/600	1.0	1.5	2.5	8.0	40.0	TO-3	116
BDY 94	NPN	3	300	25.0/800	1.0	1.5	2.5	8.0	40.0	TO-3	116
BDY 95	NPN	3	250	25.0/800	1.0	1.5	2.5	8.0	40.0	TO-3	185
BLX 10	NPN	2	80	20.0/120	1.0	0.3	0.8	10.0	13.0	TO-5	191
BLX 11	NPN	2	100	20.0/120	1.0	0.3	0.8	10.0	13.0	TO-5	191
BLX 12	NPN	2	120	20.0/120	1.0	0.3	0.8	10.0	13.0	TO-5	191
BLX 16	NPN	5	80	20.0/120	2.0	0.9	2.0	10.0	17.5	TO-5	184
BLX 17	NPN	5	100	20.0/120	2.0	0.9	2.0	10.0	17.5	TO-5	184
BLX 18	NPN	5	120	20.0/120	2.0	0.9	2.0	10.0	17.5	TO-5	184
BLX 19	NPN	5	80	20.0/120	3.0	0.6	2.0	10.0	87.0	TO-61	177
BLX 20	NPN	5	100	20.0/120	3.0	0.6	2.0	10.0	87.0	TO-61	179
BLX 21	NPN	5	120	20.0/120	3.0	0.6	2.0	10.0	87.0	TO-61	179
BLX 25	NPN	30	80	20.0/120	10.0	0.5	5.0	10.0	175.0	TO-63	186
BLX 26	NPN	30	100	20.0/120	10.0	0.5	5.0	10.0	175.0	TO-63	186
BLX 27	NPN	30	120	20.0/120	10.0	0.5	5.0	10.0	175.0	TO-63	186
BLX 28	NPN	40	80	20.0/120	10.0	1.0	10.0	10.0	220.0	TO-63	179
BLX 29	NPN	40	100	20.0/120	10.0	1.0	10.0	10.0	220.0	TO-63	179
BLX 30	NPN	40	120	20.0/120	10.0	1.0	10.0	10.0	220.0	TO-63	179
BLX 34	NPN	80	80	30.0/120	30.0	1.5	40.0	10.0	350.0	TO-114	196
BLX 35	NPN	80	100	30.0/120	30.0	1.5	40.0	10.0	350.0	TO-114	196
BLX 36	NPN	80	120	30.0/120	30.0	1.5	40.0	10.0	350.0	TO-114	196
BLX 40	PNP	2.0	80	30.0/120	1.0	0.5	0.8	20.0	13.0	TO-5	271
BLX 41	PNP	2.0	100	30.0/120	1.0	0.5	0.8	20.0	13.0	TO-5	269
BLX 42	PNP	2.0	120	30.0/120	1.0	0.5	0.8	20.0	13.0	TO-5	269
BLX 46	PNP	5.0	80	30/120	2.0	0.80	2.0	20	17.5	TO-5	271
BLX 47	PNP	5.0	100	30/120	2.0	0.80	2.0	20	17.5	TO-5	271
BLX 48	PNP	5.0	120	30/120	2.0	0.80	2.0	20	17.5	TO-5	271
BLX 55	PNP	30.0	80	30/120	10.0	0.50	5.0	20	175.0	TO-61	265
BLX 56	PNP	30.0	100	30/120	10.0	0.50	5.0	20	175.0	TO-61	265
BLX 57	PNP	30.0	120	30/120	10.0	0.50	5.0	20	175.0	TO-61	268
BLX 58	PNP	40.0	80	30/120	10.0	1.00	10.0	20	220.0	TO-63	268
BLX 59	PNP	40.0	100	30/120	10.0	1.00	10.0	20	220.0	TO-63	268
BLX 60	PNP	40.0	120	30/120	10.0	1.00	10.0	20	220.0	TO-63	268
BLX 82	PNP	20.0	60	30/150	5.0	0.75	5.0	20	175.0	TO-3	265
BLX 83	PNP	20.0	80	30/150	5.0	0.75	5.0	20	175.0	TO-3	265
BLX 84	PNP	20.0	100	30/150	5.0	0.75	5.0	20	175.0	TO-3	265





SOLITRON DEVICES INC

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PRODUCT CATALOG

Devices, Inc.

[continued] PRO-ELECTRON POWER TRANSISTORS

DEVICE TYPE	POLARITY	I <sub>C</sub> (cont.) MAX AMPS	V <sub>CEO</sub> MAX VOLTS	hFE @ MIN/MAX	I <sub>C</sub> AMPS	V <sub>CE(sat)</sub> @ MAX/VOLTS	I <sub>C</sub>	f <sub>T</sub> MIN(MHz)	P <sub>T</sub> MAX. WATTS	CASE TYPE	CHIP TYPE
BLX 85	NPN	20.0	60	30/150	5.0	0.50	5.0	10	175.0	TO-3	186
BLX 86	NPN	20.0	80	30/150	5.0	0.50	5.0	10	175.0	TO-3	186
BLX 87	NPN	20.0	100	30/150	5.0	0.50	5.0	10	175.0	TO-3	186
BUW 57	NPN	20.0	125	10.0	18.0	1.50	18.0	15	120.0	TO-3	112
BUW 58	NPN	20.0	160	10.0	15.0	1.50	15.0	15	120.0	TO-3	112
BUW 73	NPN	20.0	200	10.0	12.0	1.50	12.0	15	120.0	TO-3	112
BUW 74	NPN	12.0	250	10.0	5.0	1.50	5.0	10	120.0	TO-3	105
BUW 75	NPN	12.0	300	10.0	5.0	1.50	5.0	10	120.0	TO-3	105
BUW 76	NPN	12.0	350	8.0	5.0	1.50	5.0	10	120.0	TO-3	105
BUW 77	NPN	12.0	400	6.0	5.0	1.50	5.0	10	120.0	TO-3	105
BUY 55	NPN	10.0	125	8.0	7.0	1.50	7.0	50	90.0	TO-3	116
BUY 56	NPN	10.0	160	8.0	7.0	1.50	7.0	50	90.0	TO-3	116
BUY 57	NPN	15.0	125	12.0	10.0	1.30	10.0	20	117.0	TO-3	112
BUY 58	NPN	15.0	160	12.0	10.0	1.30	10.0	20	117.0	TO-3	112
BUY 72	NPN	10.0	200	8.0	7.0	1.50	7.0	50	90.0	TO-3	116
BUY 73	NPN	15.0	200	10.0	10.0	1.40	10.0	20	117.0	TO-3	112
BUY 77	NPN	8.0	250	5.0	5.0	1.40	5.0	15	90.0	TO-3	104
BUY 78	NPN	8.0	300	5.0	5.0	1.40	5.0	15	90.0	TO-3	104
BUY 79	NPN	8.0	350	4.0	5.0	1.50	5.0	15	90.0	TO-3	104

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