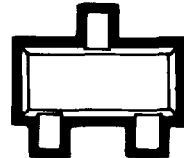


SMD Transistors SOT-23 Case U.S. Specification (Preferred Series) 350mW

TYPE NO.	DESCRIPTION	V_{CE0}	V_{CE0}	V_{EBO}	I_{CBO}	V_{CB}		h_{FE}		V_{CE}	I_C	$V_{CE(SAT)}$	I_C	C_{ob}	f_T	NF	t_{off}	MARKING CODE	SIMILAR LEADED DEVICE
		(VOLTS) MIN	(VOLTS) MIN	(VOLTS) MIN	(mA) MAX	(VOLTS) MIN	(VOLTS) MAX	MIN	MAX	(VOLTS) MAX	(mA) MAX	(VOLTS) MAX	(mA) MAX	(pF) MAX	(MHz) MIN	(dB) MAX	(ns) MAX		
CMPT 918	NPN RF OSC	30	15	3.0	10	15	20	—	1.0	3.0	0.4	10	1.7	600	6.0	—	—	C3B	2N 918
CMPT2222A	NPN AMPL/SWITCH	75	40	6.0	10	60	100	300	10	150	1.0	500	8.0	300	4.0	285	—	C1P	2N2222A
CMPT2369	NPN SAT SWITCH	40	15	4.5	400	20	40	120	1.0	10	0.25	10	4.0	500	—	18	—	C1J	2N2369
CMPT2484	NPN LOW NOISE	60	60	6.0	10	45	250	—	5.0	1.0	0.35	1.0	6.0	—	3.0	—	C1U	2N2484	
CMPT2907A	PNP AMPL/SWITCH	60	60	5.0	10	50	100	300	10	150	1.6	500	8.0	200	—	100	—	C2F	2N2907A
CMPT3640	PNP SAT SWITCH	12	12	4.0	10*	6.0	30	120	0.3	10	0.5	50	3.5	300	—	60	—	C2J	PN3640
NEW! CMPT3646	NPN SAT SWITCH	40	15	5.0	500*	20	15	—	1.0	300	0.5	300	5.0	350	—	28	—	C2R	PN3646
CMPT3904	NPN AMPL/SWITCH	60	40	6.0	50*	30	100	300	1.0	10	0.3	50	4.0	300	5.0	250	—	C1A	2N3904
CMPT3906	PNP AMPL/SWITCH	60	40	5.0	50*	30	100	300	1.0	10	0.4	50	4.5	250	4.0	300	—	C2A	2N3906
CMPT4401	NPN AMPL/SWITCH	40	40	6.0	100*	35	100	300	1.0	150	0.75	500	6.5	200	—	255	—	C2X	2N4401
CMPT4403	PNP AMPL/SWITCH	40	40	5.0	100*	35	100	300	2.0	150	0.75	500	8.5	200	—	255	—	C2T	2N4403
CMPT5086	PNP LOW NOISE	50	50	3.0	50	35	150	500	5.0	0.1	0.3	10	4.0	4.0	3.0	—	—	C2P	2N5086
CMPT5087	PNP LOW NOISE	50	50	3.0	50	35	250	800	5.0	0.1	0.3	10	4.0	40	2.0	—	—	C2Q	2N5087
CMPT5088	NPN LOW NOISE	35	30	4.5	50	20	300	900	5.0	0.1	0.5	10	4.0	50	3.0	—	—	C1Q	2N5088
CMPT5089	NPN LOW NOISE	30	25	4.5	50	15	400	1,200	5.0	0.1	0.5	10	4.0	50	2.0	—	—	C1R	2N5089
NEW! CMPT5179	NPN RF OSC	20	12	2.5	20	15	25	250	1.0	3.0	0.4	10	1.0	900	4.5	—	—	C7H	2N5179
CMPT5401	PNP HIGH VOLT	160	150	5.0	50	120	60	240	5.0	10	0.5	50	6.0	100	8.0	—	—	C2L	2N5401
CMPT5551	NPN HIGH VOLT	180	160	6.0	50	120	80	250	5.0	10	0.2	50	6.0	100	8.0	—	—	1FF	2H5551
NEW! CMPT6427	NPN DARLINGTON	40	40	12	50	30	20,000	200,000	5.0	100	1.5	500	7.0	130	10	—	—	C1V	2N6427
NEW! CMPT6428	NPN LOW NOISE	60	50	6.0	10	30	250	650	5.0	0.1	0.6	100	3.0	100	—	—	—	C1K	2N6428
NEW! CMPT6429	NPN LOW NOISE	55	45	6.0	10	30	500	1,250	5.0	0.1	0.6	100	3.0	100	—	—	—	C1L	2N6429
NEW! CMPT6517	NPN HIGH VOLTAGE	350	350	5.0	50	250	15	—	10	100	1.0	50	6.0	40	—	—	—	C1Z	2N6517
NEW! CMPT8099	NPN AMPL/SWITCH	80	80	6.0	100	80	100	300	5.0	1.0	0.4	100	6.0	150	—	—	—	CKB	MPS8099
NEW! CMPT8599	PNP AMPL/SWITCH	80	80	5.0	100	80	100	300	5.0	1.0	0.4	100	4.5	150	—	—	—	C2W	MPS8599
CMPTA06	NPN HIGH CURRENT	80	80	4.0	100	80	50	—	1.0	100	0.25	100	—	100	—	—	—	C1G	MPSA06
CMPTA13	NPN DARLINGTON	30	30*	10	100	30	10,000	—	5.0	100	1.5	100	—	125	—	—	—	C1M	MPSA13
CMPTA14	NPN DARLINGTON	30	30*	10	100	30	20,000	—	5.0	100	1.5	100	—	125	—	—	—	FG	MPSA14
NEW! CMPTA27	NPN DARLINGTON	60	60*	10	100	50	10,000	—	5.0	100	1.5	100	—	125	—	—	—	C1N	MPSA27
CMPTA42	NPN HIGH VOLT	300	300	6.0	100	200	40	—	10	30	0.5	20	3.0	50	—	—	—	C1D	MPSA42
NEW! CMPTA44	NPN HIGH VOLTAGE	450	400	6.0	100	400	30	200	10	10	0.75	50	7.0	20	—	—	—	C3Z	MPSA44
CMPTA56	PNP HIGH CURRENT	80	80	4.0	100	80	50	—	1.0	100	0.25	100	—	50	—	—	—	C2G	MPSA56
CMPTA63	PNP DARLINGTON	30	30*	10	100	30	10,000	—	5.0	100	1.5	100	—	125	—	—	—	C2U	MPSA63
CMPTA64	PNP DARLINGTON	30	30*	10	100	30	20,000	—	5.0	100	1.5	100	—	125	—	—	—	C2V	MPSA64
CMPTA92	PNP HIGH VOLTAGE	300	300	5.0	250	200	25	—	10	30	0.5	20	6.0	50	—	—	—	C2D	MPSA92
NEW! CMPTH10	NPN VHF/UHF OSC	30	25	3.0	100	25	60	—	10	4.0	0.5	4.0	0.7	650	—	—	—	C3E	MPSH10



* V_{CE0} I_{C0}

SMD Transistors SOT-23 Case Proelectron Series—350mW

TYPE NO.	DESCRIPTION	V_{CE0}	V_{CE0}	V_{EBO}	I_{CBO}	V_{CB}		h_{FE}		V_{CE}	I_C	$V_{CE(SAT)}$	I_C	C_{ob}	f_T	NF	t_{off}	MARKING CODE	SIMILAR LEADED DEVICE
		(VOLTS) MIN	(VOLTS) MIN	(VOLTS) MIN	(mA) MAX	(VOLTS) MIN	(VOLTS) MAX	MIN	MAX	(VOLTS) MAX	(mA) MAX	(VOLTS) MAX	(mA) MAX	(pF) MAX	(MHz) TYP	(dB) MAX	(ns) MAX		
BC807	PNP HIGH CURRENT	50*	45	5.0	100	20	100	600	1.0	100	0.70	500	8.0	100	—	—	—	—	BC327
BC807.16	PNP HIGH CURRENT	50*	45	5.0	100	20	100	250	1.0	100	0.70	500	8.0	100	—	—	—	5A	BC327.16
BC807.25	PNP HIGH CURRENT	50*	45	5.0	100	20	160	400	1.0	100	0.70	500	8.0	100	—	—	—	5B	BC327.25
BC807.40	PNP HIGH CURRENT	50*	45	5.0	100	20	250	600	1.0	100	0.70	500	8.0	100	—	—	—	5C	BC327.40
BC808	PNP HIGH CURRENT	30*	25	5.0	100	20	100	600	1.0	100	0.70	500	8.0	100	—	—	—	—	BC328
BC808.16	PNP HIGH CURRENT	30*	25	5.0	100	20	100	250	1.0	100	0.70	500	8.0	100	—	—	—	5E	BC328.16
BC808.25	PNP HIGH CURRENT	30*	25	5.0	100	20	160	400	1.0	100	0.70	500	8.0	100	—	—	—	5F	BC328.25
BC808.40	PNP HIGH CURRENT	30*	25	5.0	100	20	250	600	1.0	100	0.70	500	8.0	100	—	—	—	5G	BC328.40
BC817	NPN HIGH CURRENT	50*	45	5.0	100	20	100	600	1.0	100	0.70	500	5.0	200	—	—	—	—	BC337
BC817.16	NPN HIGH CURRENT	50*	45	5.0	100	20	100	250	1.0	100	0.70	500	5.0	200	—	—	—	6A	BC337.16
BC817.25	NPN HIGH CURRENT	50*	45	5.0	100	20	160	400	1.0	100	0.70	500	5.0	200	—	—	—	6B	BC337.25
BC817.40	NPN HIGH CURRENT	50*	45	5.0	100	20	250	600	1.0	100	0.70	500	5.0	200	—	—	—	6C	BC337.40
BC818	NPN HIGH CURRENT	30*	25	5.0	100	20	100	600	1.0	100	0.70	500	5.0	200	—	—	—	—	BC338
BC818.16	NPN HIGH CURRENT	30*	25	5.0	100	20	100	250	1.0	100	0.70	500	5.0	200	—	—	—	6E	BC338.16
BC818.25	NPN HIGH CURRENT	30*	25	5.0	100	20	160	400	1.0	100	0.70	500	5.0	200	—	—	—	6F	BC338.25
BC818.40	NPN HIGH CURRENT	30*	25	5.0	100	20	250	600	1.0	100	0.70	500	5.0	200	—	—	—	6G	BC338.40
BC846	NPN LOW NOISE	80	65	6.0	15	30	110	450	5.0	2.0	0.60	100	2.5	300	10	—	—	—	BC546
BC846A	NPN LOW NOISE	80	65	6.0	15	30	110	220	5.0	2.0	0.60	100	2.5	300	10	—	—	1A	BC546A
BC846B	NPN LOW NOISE	80	65	6.0	15	30	200	450	5.0	2.0	0.60	100	2.5	300	10	—	—	1B	BC546B
BC847	NPN LOW NOISE	50	45	6.0	15	30	110	800	5.0	2.0	0.60	100	2.5	300	10	—	—	—	BC547
BC847A	NPN LOW NOISE	50	45	6.0	15	30	110	220	5.0	2.0	0.60	100	2.5	300	10	—	—	1E	BC547A
BC847B	NPN LOW NOISE	50	45	6.0	15	30	200	450	5.0	2.0	0.60	100	2.5	300	10	—	—	1F	BC547B
BC847C	NPN LOW NOISE	50	45	6.0	15	30	420	800	5.0	2.0	0.60	100	2.5	300	10	—	—	1G	BC547C
BC848	NPN LOW NOISE	30	30	5.0	15	30	110	800	5.0	2.0	0.60	100	2.5	300	10	—	—	—	BC548
BC848A	NPN LOW NOISE	30	30	5.0	15	30	110	220	5.0	2.0	0.60	100	2.5	300	10	—	—	1J	BC548A
BC848B	NPN LOW NOISE	30	30	5.0	15	30	200	450	5.0	2.0	0.60	100	2.5	300	10	—	—	1K	BC548B
BC848C	NPN LOW NOISE	30	30	5.0	15	30	420	800	5.0	2.0	0.60	100	2.5	300	10	—	—	1L	BC548C
BC849	NPN LOW NOISE	30	30	5.0	15	30	200	800	5.0	2.0	0.60	100	2.5	300	4.0	—	—	—	BC549
BC849B	NPN LOW NOISE	30	30	5.0	15	30	200	450	5.0	2.0	0.60	100	2.5	300	4.0	—	—	2B	BC549B
BC849C	NPN LOW NOISE	30	30	5.0	15	30	420	800	5.0	2.0	0.60	100	2.5	300	4.0	—	—	2C	BC549C
BC850	NPN LOW NOISE	50	50	5.0	15	30	200	800	5.0	2.0	0.60	100	2.5	300	3.0	—	—	—	BC550
BC850B	NPN LOW NOISE	50	50	5.0	15	30	200	450	5.0	2.0	0.60	100	2.5	300	3.0	—	—	2F	BC550B
BC850C	NPN LOW NOISE	50	50	5.0	15	30	420	800	5.0	2.0	0.60	100	2.5	300	3.0	—	—	2G	BC550C
BC856	PNP LOW NOISE	80	65	5.0	15	30	75	800	5.0	2.0	0.65	100	4.5	150	10	—	—	—	BC556
BC856A	PNP LOW NOISE	80	65	5.0	15	30	125	250	5.0	2.0	0.65	100	4.5	150	10	—	—	3A	