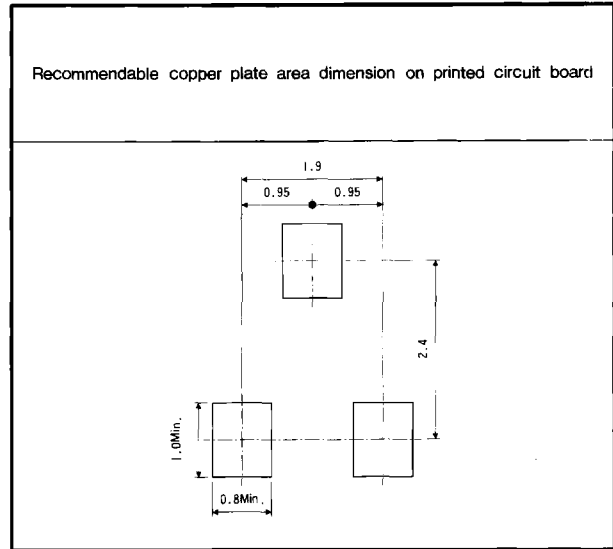
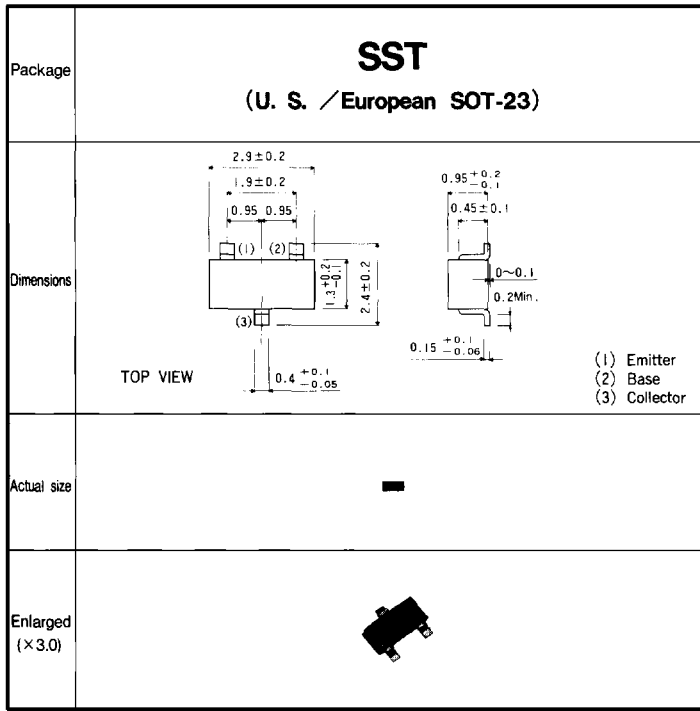


U.S. European Type Series

SST (European PRO ELECTRON Type SOT-23)

Package style and dimensions

(Unit : mm)



NPN Transistors

Electrical characteristics of part No. type can be looked up from the data of DIE No.

Function	Part No.	BV_{CEO} (V)	I_c (mA)	h_{FE}	@Condition	f_T (MHz)	C_{ob} (pF)	Marking	DIE No.
Pre Amp	BC817-16	45	800	110~250	100mA / 1V	150	6	G6A	D15
	BC817-25	45	800	160~400	100mA / 1V	150	6	G6B	D15
	BC847A	45	100	110~230	2mA / 5V	200	3	G1E	C22
	BC847B	45	100	200~450	2mA / 5V	200	3	G1F	C22
	BC847C	45	100	450~800	2mA / 5V	200	3	G1G	C22
	BC848A	30	100	110~230	2mA / 5V	200	3	G1J	C22
	BC848B	30	100	200~450	2mA / 5V	200	3	G1K	C22
	BC848C	30	100	420~800	2mA / 5V	200	3	G1L	C22
	BCW31	32	100	110~230	2mA / 5V		4	GD1	C22
Low Noise Amp	BCW32	32	100	200~450	2mA / 5V		4	GD2	C22
	BCW33	32	100	420~800	2mA / 5V		4	GD3	C22
	BCW60A	32	200	110~230	2mA / 5V	125	4.5	GAA	C22
	BCW60B	32	200	180~310	2mA / 5V	125	4.5	GAB	C22
Driver	BCW60C	32	200	260~460	2mA / 5V	125	4.5	GAC	C22
	BCW60D	32	200	380~630	2mA / 5V	125	4.5	GAD	C22
	BCW65A	32	800	100~250	100mA / 1V	100	12	GEA	D15
Low Noise Amp	BCW65B	32	800	160~400	100mA / 1V	100	12	GEB	D15
	BCW65C	45	800	250~630	100mA / 1V	100	12	GEC	D15
	BCW71	45	100	110~230	2mA / 5V		4	GK1	C22
Driver	BCW72	45	100	200~450	2mA / 5V		4	GK2	C22
	BCX19	45	500	100~600	100mA / 1V			GU1	D15
Low Noise Amp	BCX20	25	500	100~600	100mA / 1V			GU2	D15
	BCX70G	45	200	110~220	2mA / 5V	125	4.5	GAG	C22
	BCX70H	45	200	180~310	2mA / 5V	125	4.5	GAH	C22
	BCX70J	45	200	250~460	2mA / 5V	125	4.5	GAJ	C22
Mix Osc.	BFS17	15	50	380~630	2mA / 5V	1000	1.5	GAK	C22
TV Tuner	BFS20	20	25	20~150	2mA / 5V	275	0.8	GMA	C33
				40~	7mA / 10V			GNA	C104

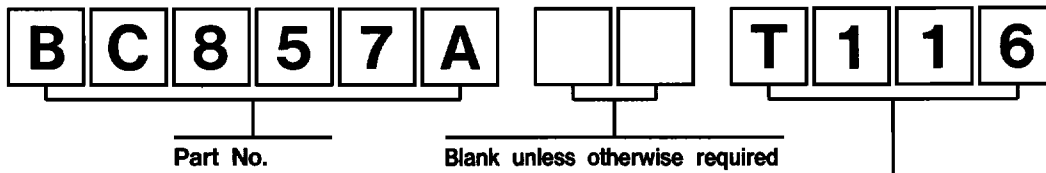
PNP Transistors

Electrical characteristics of part No. type can be looked up from the data of DIE No.

Function	Part No.	BV _{CEO} (V)	I _c (mA)	h _{FE}	@Condition	f _T (MHz)	Cob (pF)	Marking	DIE No.
Pre Amp	BC857A	45	100	110~230	2mA / 5V	250	4.5	G3E	A32
	BC857B	45	100	210~480	2mA / 5V	250	4.5	G3F	A32
	BC858A	30	100	110~250	2mA / 5V	250	4.5	G3L	A32
	BC858B	30	100	210~480	2mA / 5V	250	4.5	G3K	A32
	BC858C	30	100	420~800	2mA / 5V	250	4.5	G3L	A32
	BCW29	32	100	110~260	2mA / 5V		7	GC1	A32
	BCW30	32	100	210~500	2mA / 5V		7	GC2	A32
Low Noise Amp	BCW61A	32	200	110~230	2mA / 5V	180	5	GBA	A32
	BCW61B	32	200	180~310	2mA / 5V	180	5	GBB	A32
	BCW61C	32	200	250~460	2mA / 5V	180	5	GBC	A32
	BCW61D	32	200	380~630	2mA / 5V	180	5	GBD	A32
Driver	BCW68F	45	800	100~250	100mA / 1V	100	18	GDF	B11
	BCW68G	45	800	160~400	100mA / 1V	100	18	GDG	B11
Low Noise Amp	BCW69	45	100	110~260	2mA / 5V		7	GH1	A32
	BCW70	45	100	210~500	2mA / 5V		7	GH2	A32
Driver	BCX17	45	500	100~600	100mA / 1V			GT1	B11
	BCX18	25	500	100~600	100mA / 1V			GT2	B11
Low Noise Amp	BCX71G	45	200	110~220	2mA / 5V	180	6	GBG	A32
	BCX71H	45	200	140~310	2mA / 5V	180	6	GBH	A32
	BCX71J	45	200	250~460	2mA / 5V	180	6	GBJ	A32

Ordering Information

Product designation consists of type No. and packaging specification code is needed for ordering information.



Packaging specifications code

Package	Code	Packaging type	Packaging condition	Direction	Quantity / Taping (pcs)
SST	T116	Taping	Embossed smaller reel tape	1 pin side on sprocket hole side	3,000
	T117			2 pins side on sprocket hole side	
	T216		Embossed larger reel tape	1 pin side on sprocket hole side	10,000
	-			2 pins side on sprocket hole side	

Packaging specifications

Packaging specifications of SST package are shown on page 21