

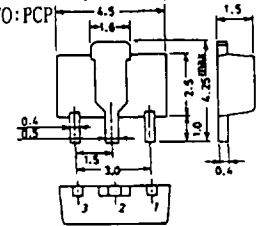
## PCP (Power Chip Pack) Transistor Series

### Features

- \*Very small size making it possible to provide high-density, small-sized hybrid ICs.
- \*Various packing of devices are available to meet automatic assembly requirements.
- \*High reliability and stable quality.
- \*A full lineup for various uses.

Case Outline (unit:mm)

- 1:Base  
2:Collector  
3:Emitter



For PNP, (-) sign is omitted. PC : Mounted on ceramic board(250mm<sup>2</sup>X0.8mm).

Type No.	Main Use	Absolute Maximum Ratings/Ta=25°C			Electrical Characteristics/Ta=25°C						Marking	Related Type No.	
		V <sub>CEO</sub> (V)	I <sub>C</sub> (A)	P <sub>C</sub> (W)	V <sub>CE</sub> (V)	I <sub>C</sub> (A)	h <sub>FE</sub>	I <sub>C</sub> (A)	I <sub>B</sub> (mA)	V <sub>CE(sat)</sub> typ (V)			
<b>Low-Saturation Voltage TRs</b>													
2SA1882/2SC4984	Converter, SW SW. driver	15	1.5	1.3	2	50m	140~560	5m	0.5	10m	AI/CT	A1701/C4481	
2SB1118/2SD1618		15	0.7			50m	140~560	5m	0.5	15m	BA/DA	B808/D1012	
2SB1119/2SD1619		25	1			50m	100~560	0.5	50	0.15/0.1	BB/DB	B544/D400	
2SB1120	Strobe( ~ 3V)	10	2.5	1.3	2	0.5	100~560	1.5	150	0.25	BC	B893	
2SD1620		10	3			3	min 140	3	60	0.3	DC	D879	
2SB1121/2SD1621	High current SW	25	2	1.3	2	0.1	100~560	1.5	75	0.35/0.18	BD/DD	B926/D1246	
2SB1122/2SD1622		50	1			0.1	100~560	0.5	50	0.18/0.12	BE/DE	B764/D863	
2SB1123/2SD1623		50	2			0.1	100~560	1	50	0.3/0.15	BF/DF	B892/D1207	
2SB1124/2SD1624		50	3			1.5	0.1	100~560	2	100	0.35/0.19	BG/DG	B985/D1347
2SA1896		20	2.5			1.3	0.5	140~400	1.5	30	0.22	AM	B1302
2SB1302	Strobe converters	20	5	1.3	2	0.5	100~400	3	60	0.25	BJ	B1127	
2SD1628		20	5	1.5		0.5	120~560	3	60	max 0.5	DK	D826	
2SB1323/2SD1997*	High-current SW Motor driver *: With Damper diode	30	3	1.5	2	0.5	min 70	1	50	0.18/0.12	BK/DO	-	
2SB1324/2SD1998*		30	3	1.5		0.5	min 70	2	100	0.25/0.2	BL/DM	-	
2SB1325/2SD1999*		20	4	1.5		0.5	min 70	3	150	0.25/0.25	BM/DN	-	
2SB1394/2SD2099*		30	3	1.5		0.5	min 70	1	50	0.18/0.12	BN/DL	-	
2SB1396		10	3	1.3		0.5	140~560	1.5	30	0.22	BO	B1395	
2SB1397/2SD2100*		20	2	1.3		0.5	min 70	1	50	0.25/0.25	BP/DP	-	
<b>High-Voltage TRs</b>													
2SA1415/2SC3645	High-voltage SW	160	0.14	1.3	5	10m	100~400	50m	5	0.14/0.07	AA/CA	A1209/C2911	
2SA1416/2SC3646		100	1			0.1		0.4	40	0.2/0.1	AB/CB	A1592/C4134	
2SA1417/2SC3647		100	2			1.5		0.1	100	0.22/0.13	AC/CC	A1593/C4135	
2SA1418/2SC3648		160	0.7			1.3		0.1	0.25	25	0.2/0.12	AD/CD	A1248/C3116
2SA1419/2SC3649		160	1.5			1.5		0.1	0.5	50	0.2/0.13	AE/CE	A1249/C3117
2SA1740/2SC4548		400	0.2			1.3		10	50m	60~200	50m	5	max 0.8/0.6
<b>Darlington TRs</b>													
2SB1125/2SD1625	Driver	50	0.7	1.3	2	50m	min 5000	0.1	0.1	0.8/0.8	BH/DH	B888/D1111	
2SB1126/2SD1626		50	1.5	1.5		0.5	min 4000	0.5	0.5	0.9/0.9	BI/DI	B865/D1153	
2SD1627		25	2	1.5		0.5	min 4000	0.6	0.15	1.5	DJ	-	
2SD2261		60	2.5	1.5		1.0	min 2000	1.0	2	1.5	DR	-	
<b>High-hFE TRs</b>													
2SC3650	Driver low noise	25	1.2	1.5	5	0.5	800~3200	0.5	10	0.12	CF	C3070	
2SC3651		100	0.2	1.3		10m	500~2000	0.1	2	0.15	CG	C3071	
<b>High-Voltage, HF TRs</b>													
2SA1969	For high freq. medium power amp and medium current high-speed SW	10	0.4	1.3	5	50m	20~120	0.2	20	0.4	AQ	-	
2SC4272	27MHz CB transceiver Driver	45	1	1.3	5	0.5	60~320	0.5	50	0.2	CH	C2314	
2SC4673	Wide-band amplifiers	12	0.1	0.8	10	20m	40~200	cob=1.1, cre=0.75pF)		CO	C3775		
2SA1575/2SC4080	Wide-band amp video output	200	0.1	1.3	10	10m	40~320	20m	2	max 1.0/1.0	AF/CI	A1406/C3500	
2SA1724		20	0.3	1.3	5	50m	15~100	0.1	10	0.4	AJ	-	
2SC4504		20	0.3	1.3	5	50m	40~200	0.1	10	0.15	CM	C4271	

In addition to these, the High-SW speed TR, FET, SBD diode (PCP) are available.

These specifications are subject to change without notice.