

LOW-SATURATION VOLTAGE TR SERIES (Small-Signal Transistors.NO.2)

(*)MBIT process technology "New manufacturing method, Multi Base Island Transistors"

※:Tc=25°C. ●:Contains base to emitter resistance(RBE).

For PNP, (-) sign is omitted.

Case Outlines

(unit:mm)

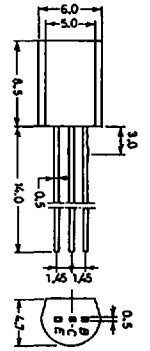
SANYO:MP

E:Emitter

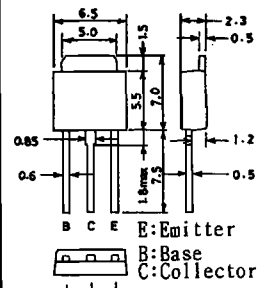
B:Base

C:Collector

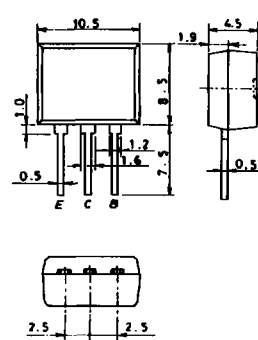
Type No. PNP/NPN	Packa- ge	Absolute Maximum Ratings/Ta=25°C				Electrical Characteristics/Ta=25°C							
		V _{CB0} (V)	V _{CEO} (V)	I _C (A)	P _C (W)	V _{CE} (V)	I _C (A)	h _{FE}	I _C (A)	I _B (A)	V _{CE(sat)} (V)		
											typ	max	
2SB764/2SD863	MP	60	50	1	0.9	2	50m	60~320	0.5	50m	0.2/0.15	0.7/0.5	
2SB892/2SD1207*		60	50	2	1	2	0.1	100~560	1	50m	0.3/0.15	0.7/0.4	
2SB927/2SD1247*		30	25	2.5	1	2	0.1	100~560	1.5	75m	0.35/0.18	0.6/0.4	
2SB985/2SD1347*		60	50	3	1	2	0.1	100~560	2	0.1	0.35/0.19	0.7/0.5	
2SB1131*		25	20	5	1	2	0.5	100~400	3	60m	0.25	0.5	
2SD1145		60	20	5	0.9	2	0.5	100~560	3	60m	P _{tot} 0.5		
2SA1641/2SC4306*	TP	25/30	20	8	※15	2	0.5	100~400	5	0.25	0.22	0.4	
2SB1201/2SD1801*		60	50	2	※15	2	0.1	100~560	1	50m	0.3/0.15	0.7/0.4	
2SB1202/2SD1802*		60	50	3	※15	2	0.1	100~560	2	0.1	0.35/0.19	0.7/0.5	
2SB1203/2SD1803*		60	50	5	※20	2	0.5	70~400	3	0.15	0.28/0.22	0.55/0.4	
2SB1204/2SD1804*		60	50	8	※20	2	0.5	70~400	4	0.2	0.25/0.2	0.5/0.4	
2SB1205*		25	20	5	※10	2	0.5	100~400	3	60m	0.25	0.5	
2SB1215/2SD1815*		120	100	3	※20	5	0.5	70~400	1.5	0.15	0.2/0.15	0.5/0.4	
2SB1216/2SD1816*		120	100	4	※20	5	0.5	70~400	2	0.2	0.2/0.15	0.5/0.4	
2SD1805		60	20	5	※15	2	0.5	120~560	3	60m	0.22	0.5	
●2SD1806		40	30	2	※15	0.5	0.5	min50 ●RBE=typ1kΩ	2	40m	0.25	0.5	
2SA1823/2SC4727*		FLP	25/30	20	8	1.5	2	0.5	100~400	5	0.25	0.22	0.4
2SA1824/2SC4728*			60	50	5	1.5	2	0.5	100~400	3	0.15	0.28/0.22	0.55/0.4
2SA1825/2SC4729*	60		50	8	1.5	2	0.5	100~400	4	0.2	0.25/0.2	0.5/0.4	
2SA1826/2SC4730*	120		100	3	1.5	5	0.5	100~400	1.5	0.15	0.2/0.15	0.5/0.4	
2SA1827/2SC4731*	120		100	4	1.5	5	0.5	100~400	2	0.2	0.2/0.15	0.5/0.4	
2SA1854*	25		20	5	1.5	2	0.5	100~400	3	0.06	0.25	0.5	
2SC4836	60		20	5	1.5	2	0.5	120~560	3	0.06	0.5		
2SA1855/2SC4837*	60		50	4	1.5	2	0.1	100~400	2	0.1	0.35/0.19	0.7/0.5	
2SE986/2SD1348*	TO-126		60	50	4	※10	2	0.1	100~560	2	0.1	0.35/0.19	0.7/0.5
2SB1127*			25	20	5	※10	2	0.5	100~400	3	60m	0.25	0.5
2SD826	TO-126 ML	60	20	5	※10	2	0.5	120~560	3	60m	P _{tot} 0.5		
2SA1798/2SC4675*		25/30	20	8	※10	2	0.5	100~400	5	0.25	0.22	0.4	
2SB1140*		25	20	5	※10	2	0.5	100~400	3	60m	0.25	0.5	
2SB1141/2SD1681		20	18	1.2	※10	2	0.1	70~400	0.5	50m	0.17/0.12	0.4/0.3	
2SB1142/2SD1682*		60	50	2.5	※10	2	0.1	100~400/100~560	1	50m	0.25/0.11	0.5/0.3	
2SB1143/2SD1683*		60	50	4	※10	2	0.1	100~560	2	0.1	0.35/0.19	0.7/0.5	
2SB1144/2SD1684*		120	100	1.5	※10	5	0.1	100~400	0.5	50m	0.1/0.18	0.3/0.5	
2SD1685		60	20	5	※10	2	0.5	120~560	3	60m	0.22	0.5	
2SB1165/2SD1722*	TO-126 LP	60	50	5	※20	2	0.5	70~400	3	0.15	0.28/0.22	0.55/0.4	
2SB1166/2SD1723*		60	50	8	※20	2	0.5	70~400	4	0.2	0.25/0.2	0.5/0.4	
2SB1167/2SD1724*		120	100	3	※20	5	0.5	70~400	1.5	0.15	0.2/0.15	0.5/0.4	
2SB1168/2SD1725*		120	100	4	※20	5	0.5	70~400	2	0.2	0.2/0.15	0.5/0.4	



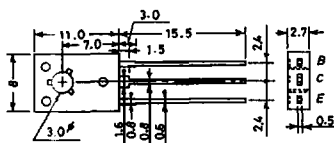
SANYO:TP



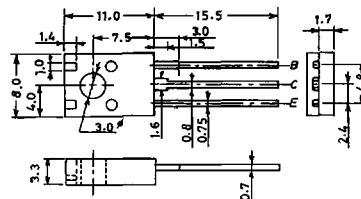
SANYO:FLP



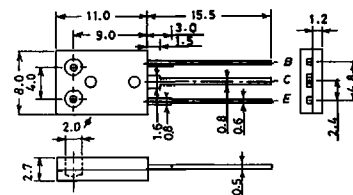
SANYO:TO-126



SANYO:TO-126ML



SANYO:TO-126LP



These specifications are subject to change without notice.