

Their packages are so small that you can make the mounting area of a board more compact. Though they are very small they maintain high reliability.

U s e *Communication equipment of VHF/UHF *TV Tuners *CATV converters *RF modulators *BS tuners

* UHF-S-band low noise amp and oscillator (2SC4871, 2SC4872, 2SC4873, 2SC5245, 2SC5275, 2SC5276, 2SC5277)

1:Base, 2:Emitter, 3:Collector

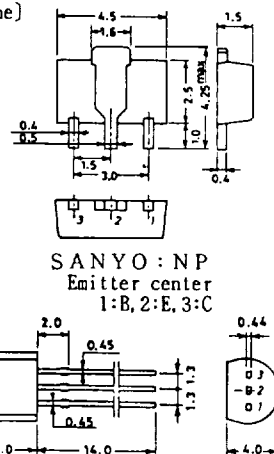
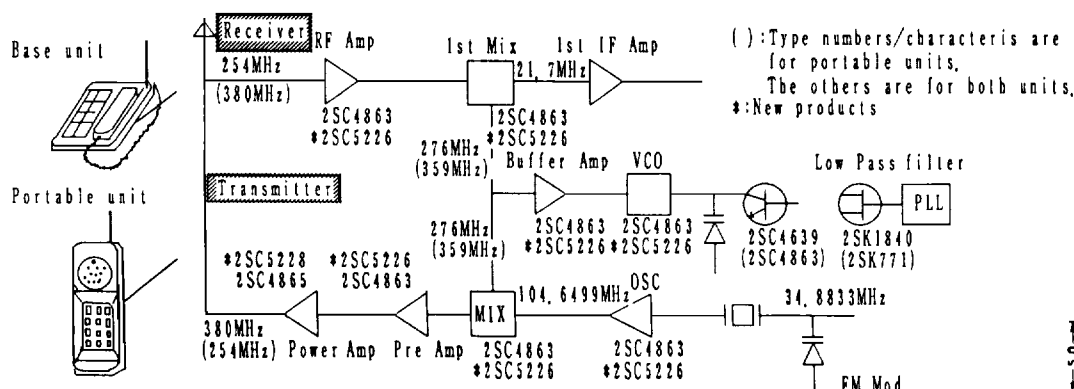
© please contact with Production Planning Department if you have a plan to use these new products.

|S21e|², NF=1GHz, ◆:1.5GHz, PC of PCP package ☆:When mounted on ceramic board (250mm²×0.8mm)

Type No.	Pac- kage	Absolute Maximum Ratings/Ta=25°C				Electrical Characteristics /Ta=25°C											
():Marking		V _{CBO} (V)	V _{CEO} (V)	I _C (mA)	P _C (mW)	V _{CE} (V)	I _C (mA)	f _T (GHz)	V _{CB} (V)	C _{tyb} (pF)	V _{CE} (V)	I _C (mA)	NF typ (dB)	V _{CE} (V)	I _C (mA)	S _{21e} ^a typ (dB)	
2SC4930(A7-9)	SMCP	16	8	70	100	5	20	7	10	0.95	5	7	1.1	5	20	11	
2SC4931(B1-3)		16	8	50	100	5	15	9	10	0.55	5	5	1.2	5	15	13	
2SC5231(C7-9)		20	10	70	100	5	20	7	10	0.7	5	7	1	5	20	12	
2SC5277(D1-3)		20	10	30	100	5	10	11	10	0.45	5	5	1.4	5	10	10	
2SC4853(CN)	MCP	12	6	15	80	1	1	5	1	0.6	1	1	2.6	1	1	7	
2SC4856(DN)		18	10	80	150	5	20	6	10	1	5	5	1.5	5	20	min 6	
2SC4860(EN)		20	10	30	150	5	5	6.5	10	0.65	5	5	2.2	5	5	11.5	
2SC4863(FN)		16	8	70	150	5	20	7	10	0.95	5	7	1.1	5	20	11	
2SC4867(GN)		16	8	50	150	5	15	9	10	0.6	5	5	1.2	5	15	13	
2SC4871(HN)		16	8	20	100	5	4	10	10	0.4	5	4	1.3	5	7	13	
2SC5226(LN)		20	10	70	150	5	20	7	10	0.75	5	7	1	5	20	12	
2SC5245(MN)		20	10	30	150	5	10	11	10	0.45	5	5	1.4	5	10	10	
2SA1963(MS)	CP	12	8	50	200	5	10	5	10	0.8	5	5	1.5	5	10	9	
2SC4854(CN)		12	6	15	80	1	1	5	1	0.6	1	1	2.6	1	1	7	
2SC4857(DN)		18	10	80	200	5	20	6	10	1	5	5	1.5	5	20	min 6	
2SC4861(EN)		20	10	30	200	5	5	6.5	10	0.65	5	5	2.2	5	5	11.5	
2SC4864(FN)		16	8	70	200	5	20	7	10	0.95	5	7	1.1	5	20	11	
2SC4868(GN)		16	8	50	200	5	15	9	10	0.6	5	5	1.2	5	15	13	
2SC4872(HN)		16	8	20	150	5	4	10	10	0.45	5	4	1.3	5	7	12.5	
2SC5227(LN)		20	10	70	200	5	20	7	10	0.75	5	7	1	5	20	12	
2SC5255(MN)	CP4	20	10	30	200	5	10	11	10	0.45	5	5	1.4	5	10	10	
2SC4855(CN)		12	6	15	80	1	1	5	1	0.6	1	1	2.6	1	1	7.5	
2SC4858(DN)		18	10	80	200	5	20	6	10	1	5	5	1.5	5	20	min 7	
2SC4862(EN)		20	10	30	200	5	5	6.5	10	0.65	5	5	2.2	5	5	12.5	
2SC4865(FN)		16	8	70	200	5	20	7	10	0.95	5	7	1.1	5	20	12.5	
2SC4869(GN)		16	8	50	200	5	15	9	10	0.6	5	5	1.2	5	15	15	
2SC4873(HN)		16	8	20	150	5	4	10	10	0.45	5	4	1.3	5	7	14.5	
2SC5228(LN)		20	10	70	200	5	20	7	10	0.75	5	7	1	5	20	13.5	
2SC5276(MN)	PCP	20	10	30	200	5	10	11	10	0.45	5	5	1.4	5	10	11	
2SA1969(AQ)		10	10	400	1.3	5	100	1.7	10	4.7	-	-	-	-	-	-	
2SC4859(CQ)		18	10	80	800	5	20	5.5	10	1.1	5	5	1.5	5	20	min 5	
2SC4866(CR)		16	8	70	800	5	20	6.5	10	1.05	5	7	1.1	5	20	9	
2SC4870(CS)		16	8	50	300	5	15	8	10	0.8	5	5	1.3	5	15	11	
2SC5229(CY)		20	10	70	700	5	20	6.5	10	0.85	5	7	1	5	20	10.5	
2SC5230		*NP	20	10	70	400	5	20	6.5	10	0.85	5	7	1	5	20	10
2SC5231			20	10	70	400	5	20	6.5	10	0.85	5	7	1	5	20	10

*:Emitter center

Transistor for telephone applications (Cordless Telephone)



These specifications are subject to change without notice.