

VERY HIGH-FREQUENCY TRANSISTOR SERIES (No 1)

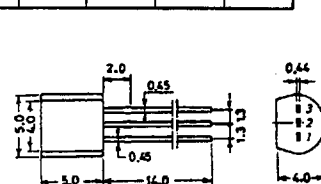
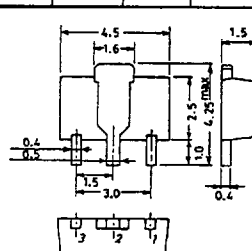
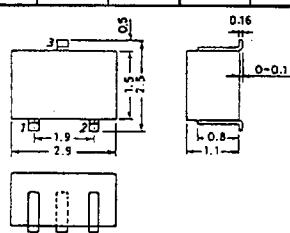
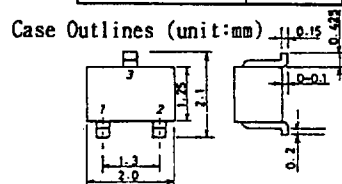
Use * Wide-band amplifiers
* UHF, VHF TV tuners
* CATV converters
* RF modulators

Features * High power gain
* Small noise figure
* High cutoff frequency

(): Marking on MCP, CP, PCP. For PNP, (-) sign is omitted.
PC: (Package: PCP) Mounted on PCB (250mm² × 0.8mm)

PG, MAG, NF are for $f=0.9\text{GHz}$, $\ast:1\text{GHz}$.

Type No.	Package	Absolute Maximum Ratings/ $T_a=25^\circ\text{C}$				Electrical Characteristics/ $T_a=25^\circ\text{C}$										
		V_{CBO}	V_{CEO}	I_C	P_C	V_{CE}	I_C	f_T	V_{CB}	C_{ob}	V_{CE}	I_C	NF	V_{CE}	I_C	PG* MAG typ (dB)
		(V)	(V)	(mA)	(mW)	(V)	(mA)	typ (GHz)	(V)	typ (pF)	(V)	(mA)	typ (dB)	(V)	(mA)	
2SC4401(OT)	MCP	25	15	30	150	3	5	3	3	0.7	3	3	3	3	3	11
2SC4402(PT)		25	15	50		3	10	3	3	0.85	3	5	1.5	3	10	12
2SC4403(LY)		25	16	70		10	10	3	10	0.65	10	3	2.5	10	10	12
2SC4404(NY)		20	12	70		10	20	5	10	0.75	10	5	2.2	10	20	14
2SC4405(OY)		20	12	100		10	20	5	10	0.9	10	5	1.5	10	20	14
2SC4406(JT)		30	15	50		10	10	1.2	10	0.75	10	3	2	10	10	*15
2SC4407(KT)		25	15	50		10	10	3	10	0.7	10	3	3	10	10	*12
2SA1669(BS)	CP	20	15	50	250	10	5	3	10	1	10	3	2	10	5	11
2SA1778(HS)		15	15	50		10	5	1.2	10	1	10	3	2.5	10	5	*13
2SC3770(JY)		30	20	30		10	3	1.2	10	0.7	-	-	-	10	5	*15
2SC3771(KY)		30	20	30		10	5	2.2	10	0.7	10	3	3.5	10	10	*10
2SC3772(LY)		25	16	70		10	10	3	10	0.65	10	3	2.5	10	10	12
2SC3773(MY)		25	16	50		10	5	3.5	10	0.6	10	3	3	10	10	12
2SC3774(NY)		20	12	70		10	20	5	10	0.75	10	5	2.2	10	20	14
2SC3775(OY)		20	12	100		10	20	5	10	0.9	10	5	1.5	10	20	14
2SC4269(JT)		30	15	50		10	10	1.2	10	0.75	10	3	2	10	10	*15
2SC4270(KT)		25	15	50		10	10	3	10	0.7	10	3	3	10	10	*12
2SC4364(OT)		25	15	30		3	3	3	3	0.75	3	3	3	3	3	11
2SC4365(PT)		25	15	50		3	10	3	3	0.9	3	5	1.5	3	10	12
2SC4673(CO)	PCP	20	12	100	800	10	20	4.5	10	1.1	10	5	1.5	-	-	-
2SC5347(CZ)		20	12	150	1300	5	50	4.7	10	1.3	5	50	*1.8	-	-	-
2SC3776	NP (EC) ↓ Emitter center	25	16	70	400	10	10	3	10	0.7	10	3	2.5	10	10	12
2SC3777		25	16	50	400	10	5	3.5	10	0.7	10	3	3	10	10	12
2SC3778		20	12	70	500	10	20	5	10	0.8	10	5	2.2	10	20	14
2SC3779		20	12	100	600	10	20	5	10	1	10	5	1.5	10	20	14



1: Base, 2: Emitter, 3: Collector
SANYO: MCP

SANYO: CP

1: Base, 2: Collector, 3: Emitter
SANYO: PCP

1: Base, 2: Emitter, 3: Collector
SANYO: NP

These specifications are subject to change without notice.