

查询"2SA1203"供应商 TOSHIBA TRANSISTOR SILICON PNP EPITAXIAL TYPE (PCT PROCESS)

2SA1203

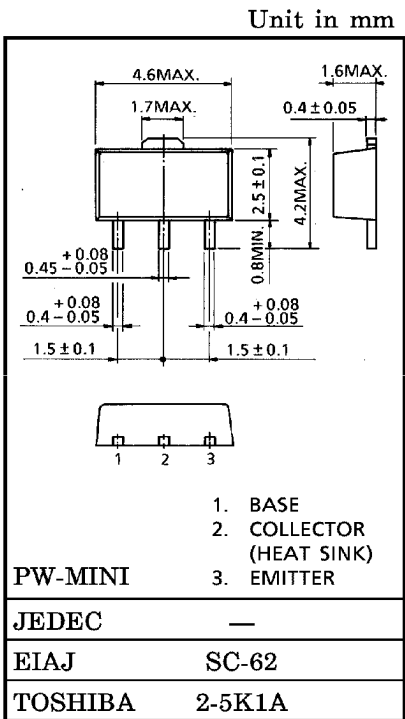
AUDIO FREQUENCY AMPLIFIER APPLICATIONS

- Suitable for Output Stage of 3 Watts Amplifier
- PC=1~2W (Mounted on Ceramic Substrate)
- Small Flat Package
- Complementary to 2SC2883

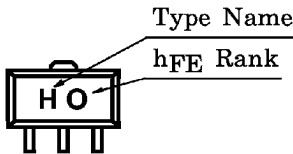
MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Collector-Base Voltage	V _{CB0}	−30	V
Collector-Emitter Voltage	V _{CEO}	−30	V
Emitter-Base Voltage	V _{EBO}	−5	V
Collector Current	I _C	−1.5	A
Base Current	I _B	−0.3	A
Collector Power Dissipation	P _C	500	mW
Collector Power Dissipation	P _C ※	1000	mW
Junction Temperature	T _j	150	°C
Storage Temperature Range	T _{stg}	−55~150	°C

P_C※ : Mounted on ceramic substrate (250mm²×0.8t)



Weight : 0.05g
Marking



ELECTRICAL CHARACTERISTICS (Ta = 25°C)

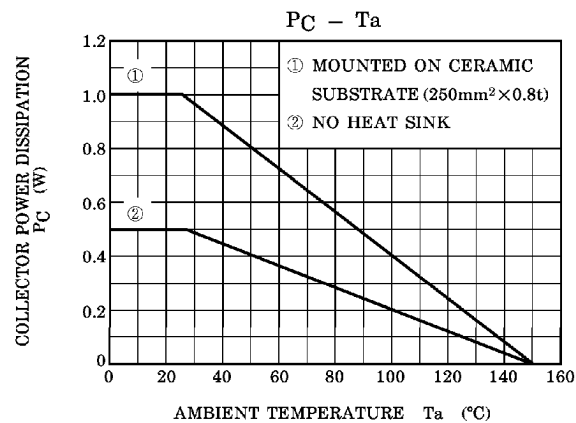
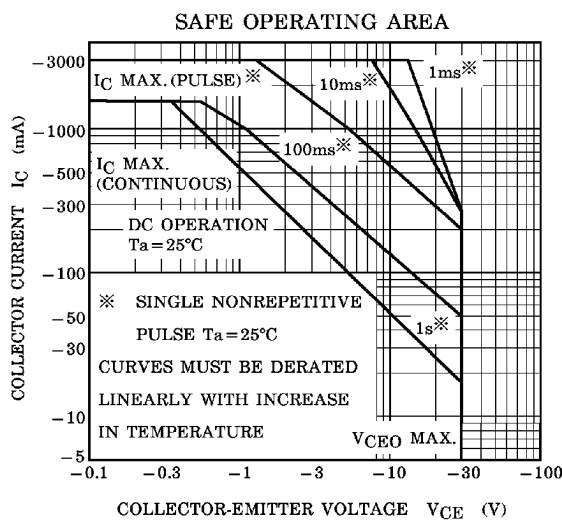
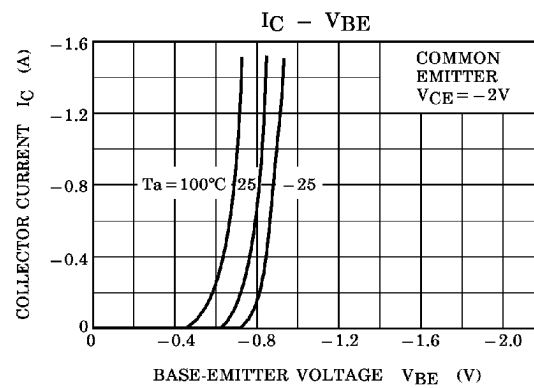
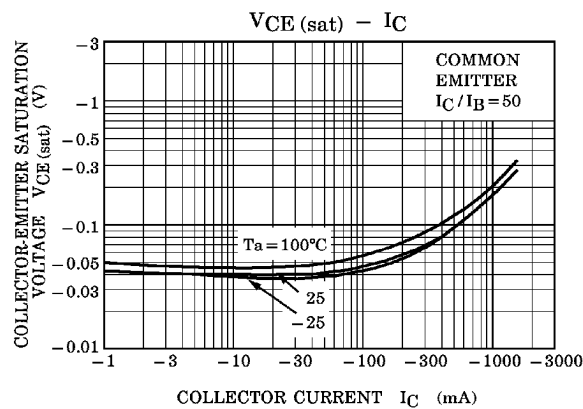
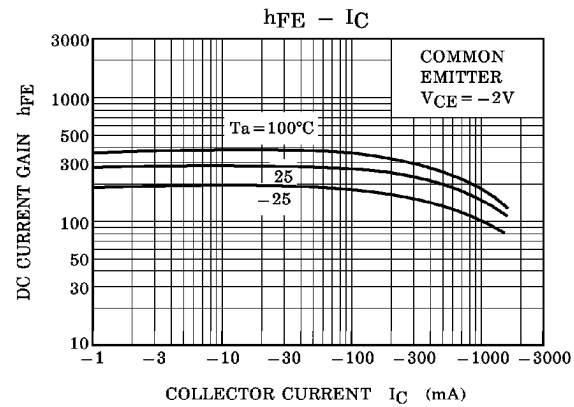
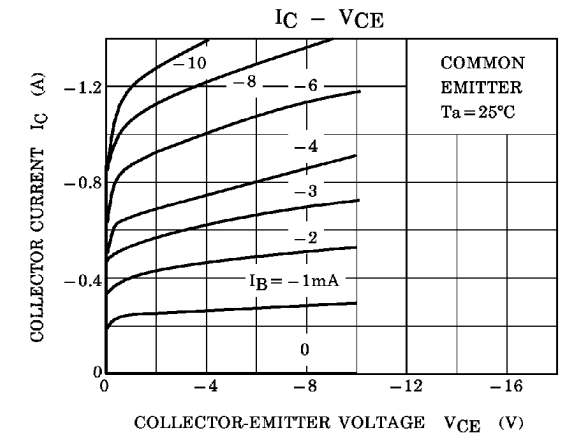
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Collector Cut-off Current	I _{CBO}	V _{CB} = −30V, I _E = 0	—	—	−0.1	μA
Emitter Cut-off Current	I _{EBO}	V _{EB} = −5V, I _C = 0	—	—	−0.1	μA
Collector-Emitter Breakdown Voltage	V (BR) CEO	I _C = −10mA, I _B = 0	−30	—	—	V
Emitter-Base Breakdown Voltage	V (BR) EBO	I _E = −1mA, I _C = 0	−5	—	—	V
DC Current Gain	h _{FE} (Note)	V _{CE} = −2V, I _C = −500mA	100	—	320	
Collector-Emitter Saturation Voltage	V _{CE} (sat)	I _C = −1.5A, I _B = −0.03A	—	—	−2.0	V
Base-Emitter Voltage	V _{BE}	V _{CE} = −2V, I _C = −500mA	—	—	−1.0	V
Transition Frequency	f _T	V _{CE} = −2V, I _C = −500mA	—	120	—	MHz
Collector Output Capacitance	C _{ob}	V _{CB} = −10V, I _E = 0, f = 1MHz	—	—	50	pF

Note : h_{FE} Classification O : 100~200, Y : 160~320

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[查询"2SA1203O"供应商](#)



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