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捷多邦,专业PCB打样工厂,24小时加急 Pamasonic

Transistor

2SC4627J

Silicon NPN epitaxial planer type

For high-frequency amplification

Features

- Optimum for RF amplification of FM/AM radios.
- High transition frequency f_T.
- SS-Mini type package, allowing downsizing of the equipment and automatic insertion through the tape packing. (Flat type)

Parameter	Symbol	Ratings	Unit	
Collector to base voltage	V _{CBO}	30	V	
Collector to emitter voltage	V _{CEO}	20	V	
Emitter to base voltage	V _{EBO}	3	V	
Collector current	I _C	15	mA	
Collector power dissipation	P _C	125	mW	
Junction temperature	Tj	125	°C	
Storage temperature	T _{stg}	-55 ~ +125	°C	
	a i	BIT	SC.CON	

Electrical Characteristics (Ta=25°C)

	Unit: mm
1.60±0.05 0.80 0.80±0.05 0.425 0.425 0.425 0.425 0.425 0.425 0.425 0.425 0.425 0.425 0.425 0.425 0.425 0.425 0.80 0.00 ± 0.05	20.0272.0
0.12-001	0.70-005
1:Base 2:Emitter EIAJ:SC-81 3:Collector SS-Mini Flat Type Pack	tage (J type)

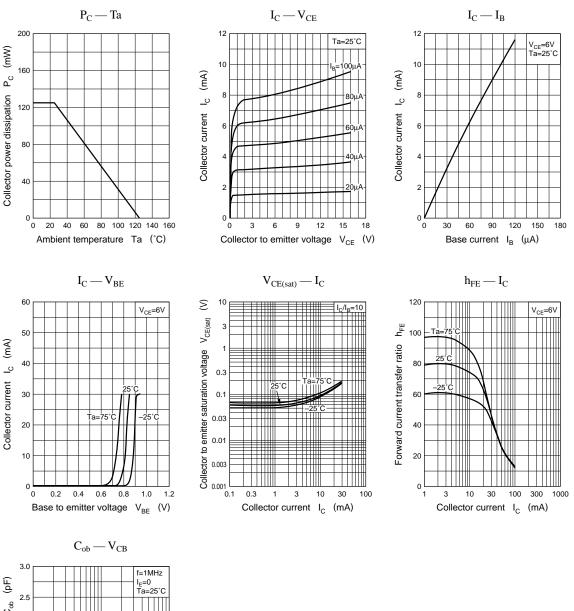
Marking symbol : U

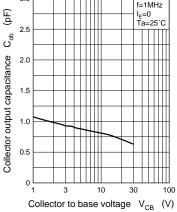
Parameter	Symbol	nbol Conditions		typ	max	Unit		
Collector to base voltage	V _{CBO}	$I_C = 10 \mu A, \ I_E = 0$	30			V		
Emitter to base voltage	V _{EBO}	$I_E = 10 \mu A, I_C = 0$	3		- 10	V		
Forward current transfer ratio	h _{FE}	$V_{CB} = 6V, I_E = -1mA$	40		260	GW.		
Base to emitter voltage	V _{BE}	$V_{CB} = 6V, I_E = -1mA$	-976	720	- W	mV		
Common emitter reverse transfer capacitance	C _{re}	$V_{CB} = 6V, I_E = -1mA, f = 10.7MHz$		0.8	1	pF		
Transition frequency	f _T	$V_{CB} = 6V, I_E = -1mA, f = 200MHz$		450	650	MHz		
Noise figure	NF	$V_{CB} = 6V, I_E = -1mA, f = 100MHz$		3.3		dB		
Power gain	PG	$V_{CB} = 6V, I_E = -1mA, f = 100MHz$		24		dB		



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