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推多邦,专业PCB打样工厂,24小时加急 **Pamasonic**

Transistor

2SC2636

Silicon NPN epitaxial planer type

For high-frequency amplification/oscillation

Features

- High transition frequency f_T .
- M type package allowing easy automatic and manual insertion as well as stand-alone fixing to the printed circuit board.

Absolute Maximum Ratings (Ta=25°C)						
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	50	mA			
Collector power dissipation	P _C	400	mW			
Junction temperature	Tj	150	°C			
Storage temperature	T _{stg}	-55 ~ +150	°C			

6.9±0.1 2.5±0. 1.5 1.5 R0.9 R0.9 3.5±0. 1.0±0.1 15+0 +0.2 4+0 0.45±0.05 0.55±0.1 25±0.05 2.5 2.5 1:Base 2:Collector EIAJ:SC-71 3:Emitter M Type Mold Package

Unit: mm

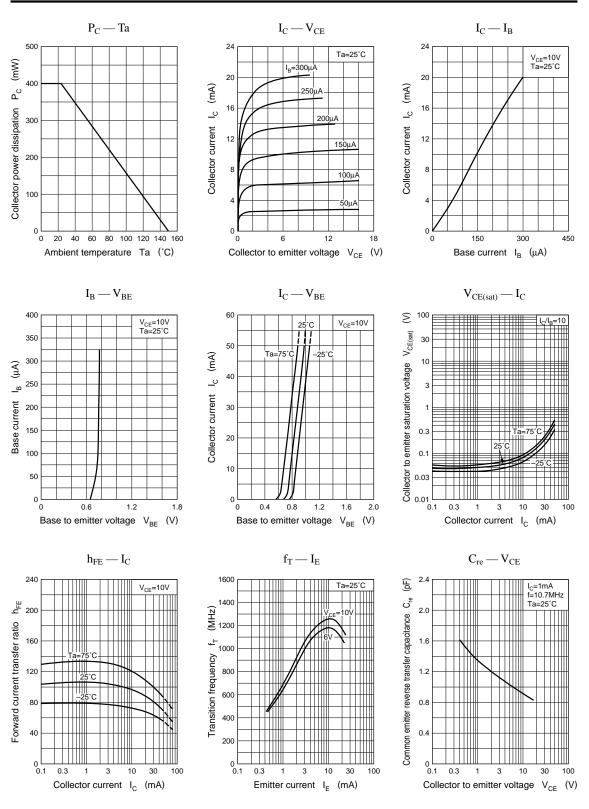
Electrical Characteristics (Ta=25°C)

Parameter	Symbol	Conditions	min	typ	max	Unit
Collector to base voltage	V _{CBO}	$I_{\rm C} = 100 \mu A, I_{\rm E} = 0$	30			V
Emitter to base voltage	V _{EBO}	$I_E = 10 \mu A, I_C = 0$	3			V
Forward current transfer ratio	h _{FE}	$V_{CB} = 10V, I_E = -2mA$	25			-
Base to emitter voltage	V _{BE}	$V_{CB} = 10V, I_E = -2mA$		720	8	mV
Transition frequency	f _T *	$V_{CB} = 10V, I_E = -15mA, f = 200MHz$	600	1200	1600	MHz
Power gain	PG	$V_{CB} = 10V, I_E = -1mA, f = 100MHz$	576	20	4	dB
Common base reverse transfer capacitance	C _{rb}	$V_{CB} = 6V, I_E = 0, f = 1MHz$		0.8		pF
Common emitter reverse transfer capacitance	C _{re}	$V_{CE} = 10V, I_C = 1mA, f = 10.7MHz$			1.5	pF
Base time constant	$r_{bb}' \cdot C_C$	$V_{CB} = 10V, I_E = -10mA, f = 31.9MHz$			25	ps

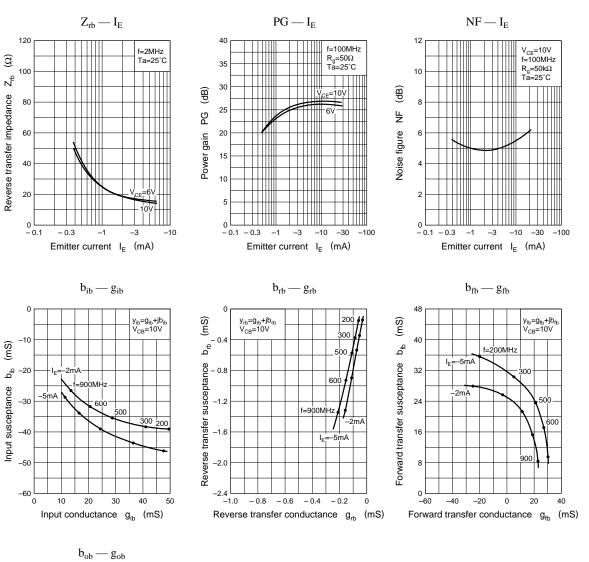
*f_T Rank classification

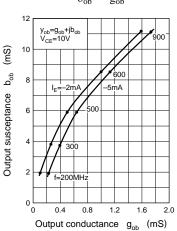
Rank	Т	S
f_{T}	600 ~ 1300	900 ~ 1600

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