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2SD0874G

Silicon NPN epitaxial planar type

For low-frequency power amplification

Complementary to 2SB0766G

Features

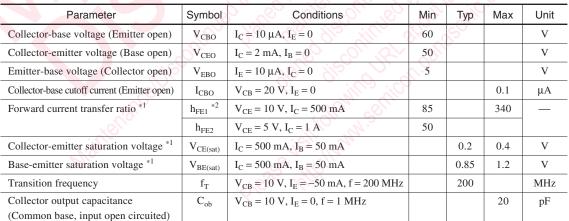
- \bullet Large collector power dissipation $P_{\rm C}$
- Low collector-emitter saturation voltage $V_{CE(sat)}$
- Mini power type package, allowing downsizing of the equipment and automatic insertion through the tape packing and the magazine packing

Absolute Maximum Ratings $T_a = 25^{\circ}C$

Parameter	Symbol	Rating	Unit
Collector-base voltage (Emitter open)	V _{CBO}	60	v
Collector-emitter voltage (Base open)	V _{CEO}	50	V
Emitter-base voltage (Collector open)	V _{EBO}	5	V
Collector current	I _C	1	A
Peak collector current	I _{CP}	1.5	А
Collector power dissipation *	P _C	1	W
Junction temperature	Tj	150	°C
Storage temperature	T _{stg}	-55 to +150	°C

Note) *: Printed circuit board: Copper foil area of 1 cm² or more, and the board thickness of 1.7 mm for the collector portion

Electrical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$



Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7030 measuring methods for transistors.

2. *1: Pulse measurement

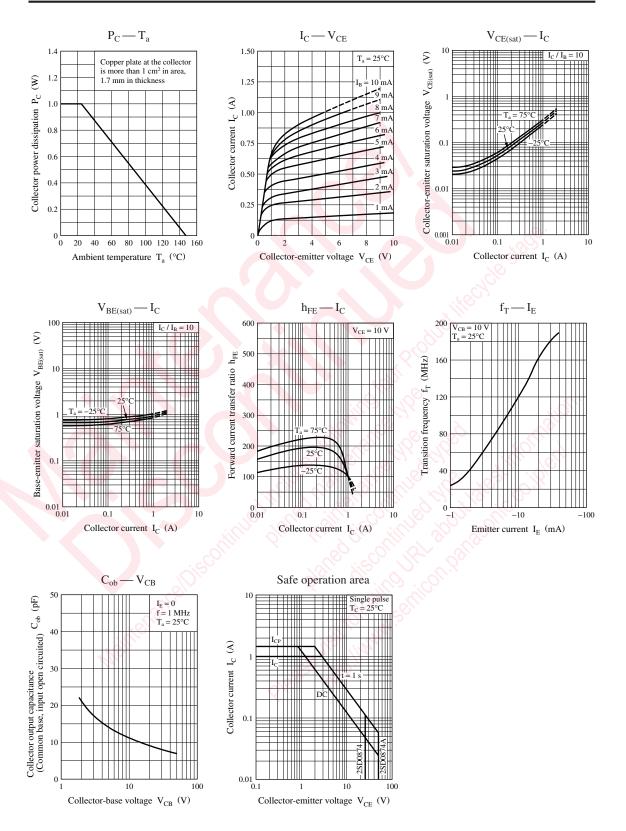
*2: Rank classification

Rank	Q	R	S
h _{FE1}	85 to 170	120 to 240	170 to 340



- Code
- MiniP3-F2
- Pin Name
 - 1: Base
 - 2: Collector
 - 3: Emitter
- Marking Symbol: Y

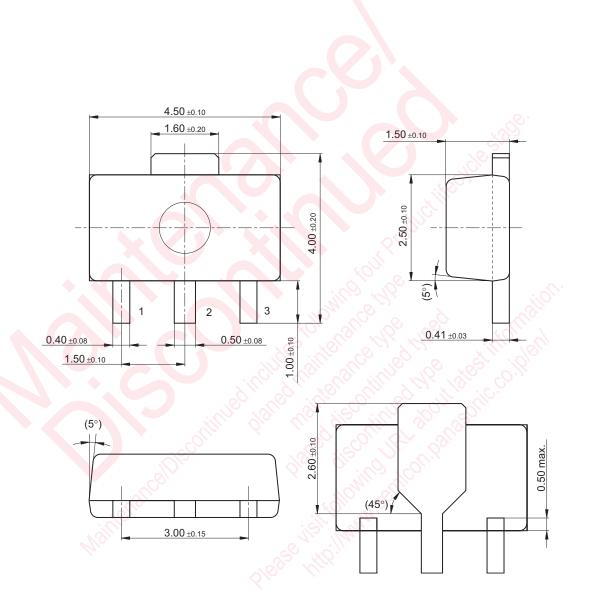
Panasonic



Panasonic

MiniP3-F2

Unit: mm



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