



DATA SHEET

NPN SILICON RF TRANSISTOR 2SC5801

NPN SILICON RF TRANSISTOR FOR HIGH-FREQUENCY LOW NOISE 3-PIN LEAD-LESS MINIMOLD

FEATURES

- Low phase distortion, low voltage operation
- Ideal for OSC applications
- 3-pin lead-less minimold package

ORDERING INFORMATION

Part Number	Quantity	Supplying Form
2SC5801	50 pcs (Non reel)	• 8 mm wide embossed taping
2SC5801-T3	10 kpcs/reel	• Pin 2 (Base) face the perforation side of the tape

Remark: To order evaluation samples, contact your nearby sales office.
The unit sample quantity is 50 pcs.

ABSOLUTE MAXIMUM RATINGS (T_A = +25°C)

Parameter	Symbol	Ratings	Unit
Collector to Base Voltage	V _{CB0}	9.0	V
Collector to Emitter Voltage	V _{CE0}	5.5	V
Emitter to Base Voltage	V _{EB0}	1.5	V
Collector Current	I _C	100	mA
Total Power Dissipation	P _{tot} ^{max}	140	mW
Junction Temperature	T _J	150	°C
Storage Temperature	T _{stg}	-65 to +150	°C

Note: Mounted on 1.08 cm² × 1.0 mm (t) glass epoxy PCB

Because this product uses high-frequency technology, avoid excessive static electricity, etc.

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Not all device types are available in every country. Please check with local NEC Compound Semiconductor Devices representative for availability and additional information.