

# RT2N26M

Composite Transistor With Resistor  
For Switching Application  
Silicon NPN Epitaxial Type

## DESCRIPTION

RT2N26M is composite transistor with built-in bias resistor.

## FEATURE

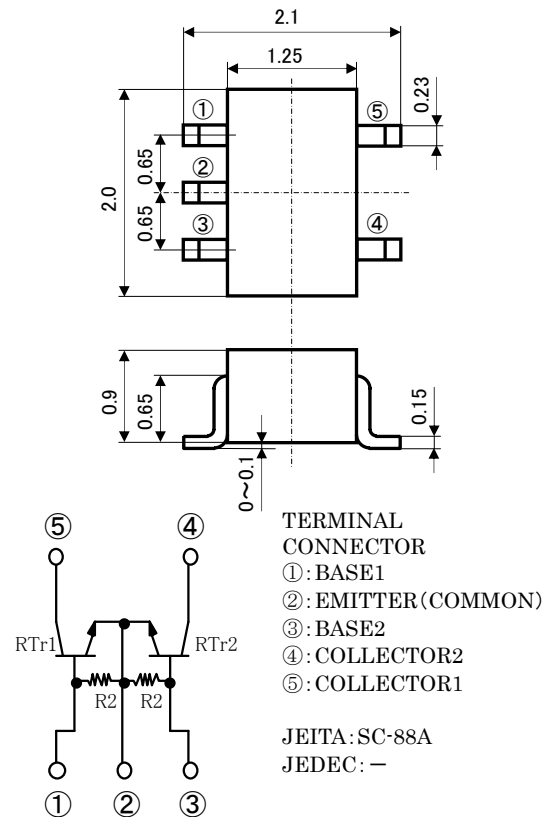
- Built-in bias resistor (R2=10kΩ)
- Mini package for easy mounting

## APPLICATION

- Inverted circuit, Switching circuit,
- Interface circuit, Driver circuit

## OUTLINE DRAWING

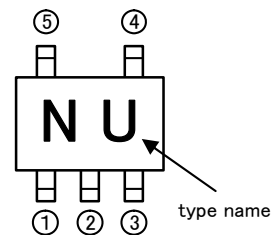
Unit: mm



## MAXIMUM RATING (Ta=25°C) (RTr1, RTr2 COMMON)

SYMBOL	PARAMETER	RATING	UNIT
VCBO	Collector to Base voltage	50	V
VEBO	Emitter to Base voltage	6	V
VCEO	Collector to Emitter voltage	50	V
IC	Collector current	100	mA
ICM	Peak Collector current	200	mA
PT	Total dissipation	200	mW
Tj	Junction temperature	+150	°C
Tstg	Storage temperature	-55 ~ +150	°C

## MARKING



## ELECTRICAL CHARACTERISTICS (Ta=25°C) (RTr1, RTr2 COMMON)

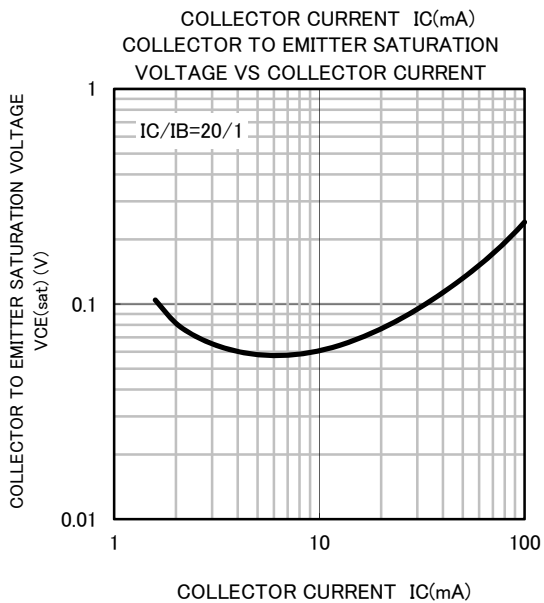
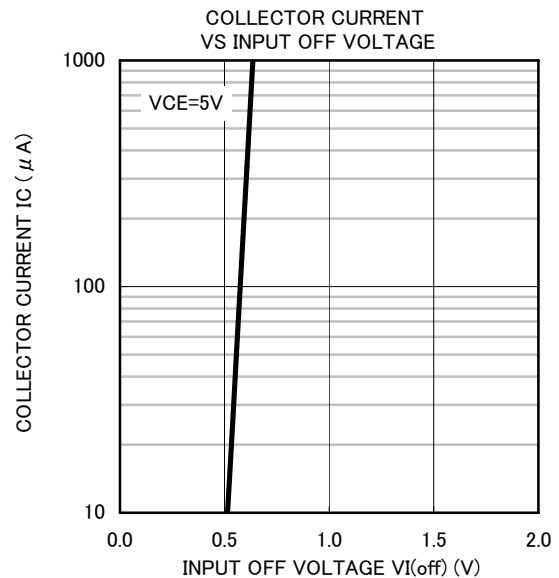
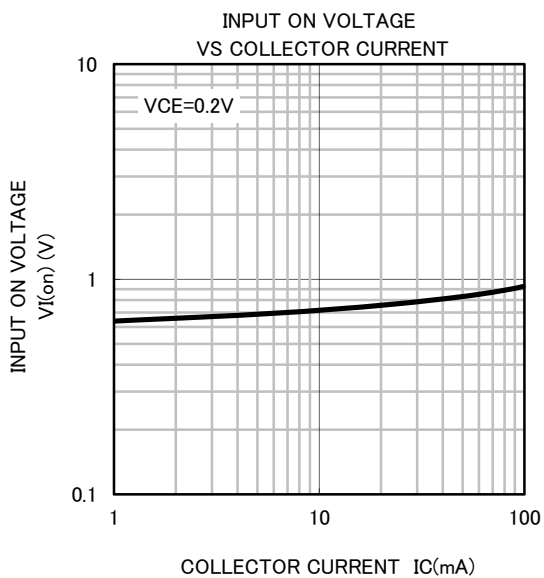
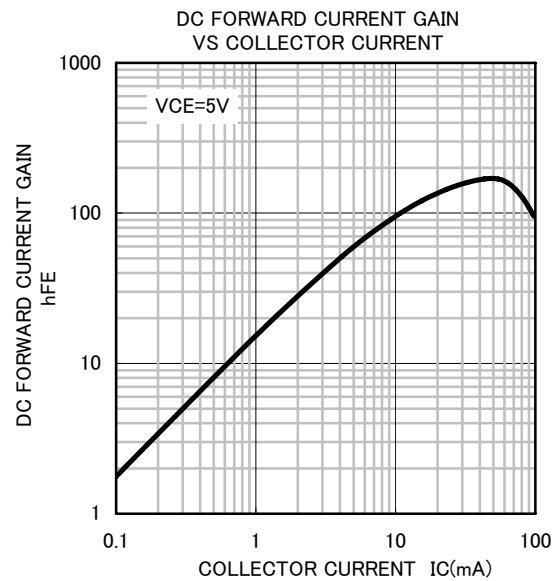
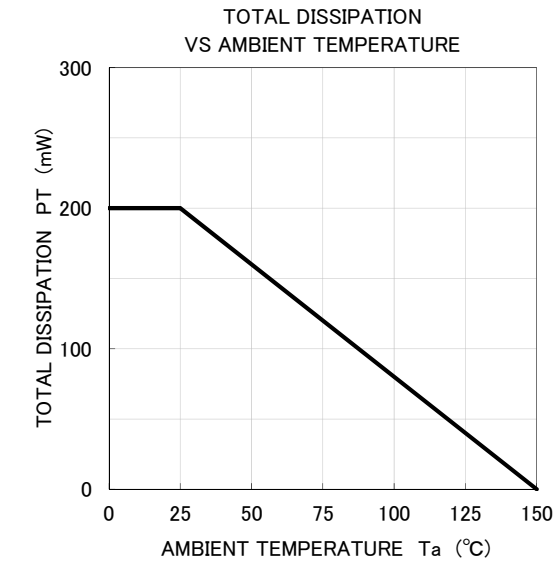
SYMBOL	PARAMETER	TEST CONDITIONS	LIMITS			UNIT
			MIN	TYP	MAX	
V(BR)CEO	Collector to Emitter breakdown voltage	IC=100 μA, RBE=∞	50	-	-	V
ICBO	Collector cut off current	VCE=50V, IE=0	-	-	0.1	μA
IEBO	Emitter cut off current	VEB=5V, IC=0	375	500	725	μA
hFE	DC forward current gain	VCE=5V, IC=5mA	30	-	-	-
VCE(sat)	Collector to Emitter saturation voltage	IC=10mA, IB=0.5mA	-	-	0.3	V
R2	Emitter to Base resistor	-	7	10	13	kΩ
fT	Gain band width product	VCE=6V, IE=-10mA	-	200	-	MHz

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## TYPICAL CHARACTERISTICS

( $T_a=25^\circ\text{C}$ )( $R_{Tr1}, R_{Tr2}$  COMMON)





**Keep safety first in your circuit designs!**

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