

# RT3PRRM

Composite Transistor With Resistor  
For Switching Application  
Silicon Epitaxial Type

## DESCRIPTION

RT3PRRM is compound transistor built with two RT1P440 chips in SC-88 package.

## FEATURE

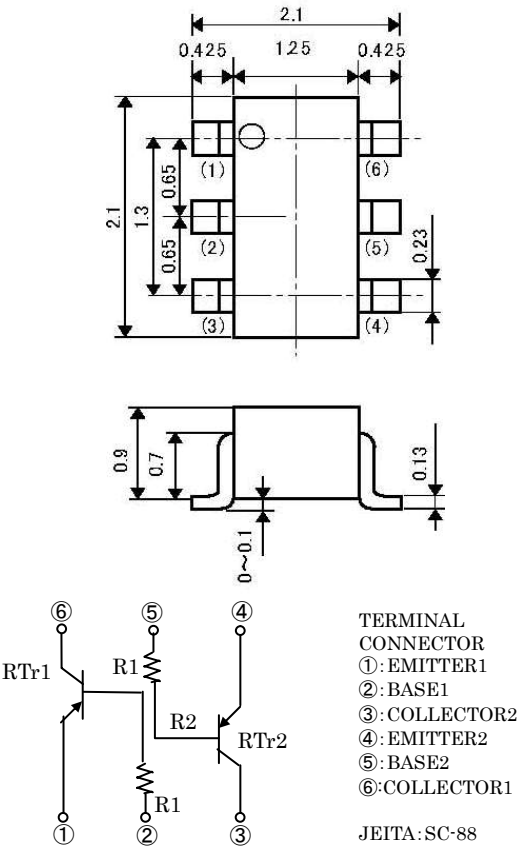
- Silicon epitaxial type
- Each transistor elements are independent.
- Mini package for easy mounting

## APPLICATION

Inverted circuit, switching circuit,  
interface circuit, driver circuit

## OUTLINE DRAWING

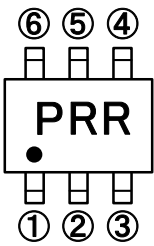
Unit: mm



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

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
PC	Collector dissipation (Total, Ta=25°C)	150	mW
Tj	Junction temperature	+150	°C
Tstg	Storage temperature	-55 ~ +150	°C

## MARKING



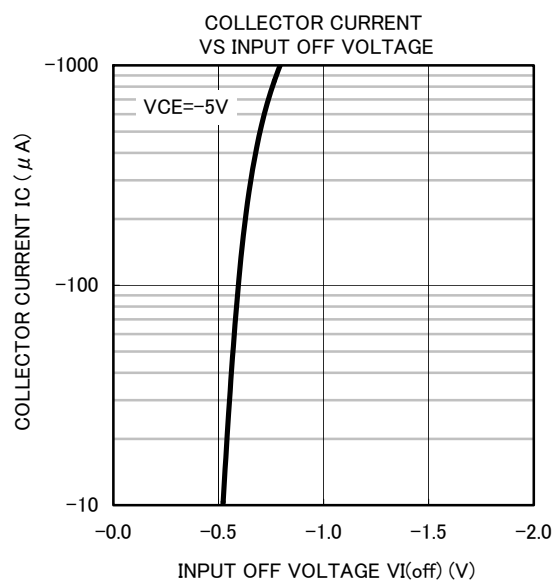
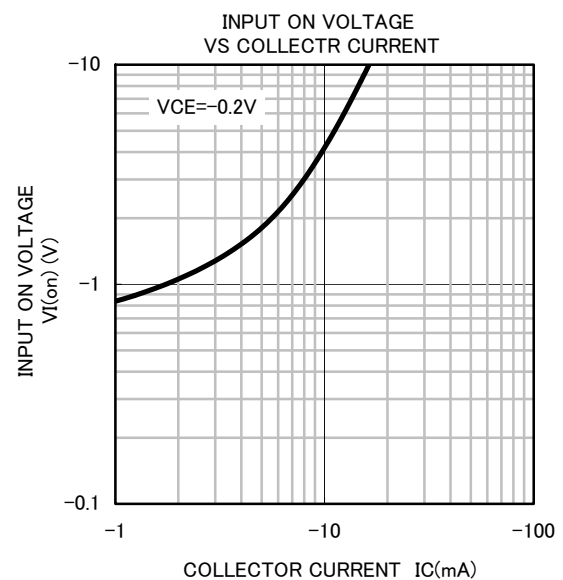
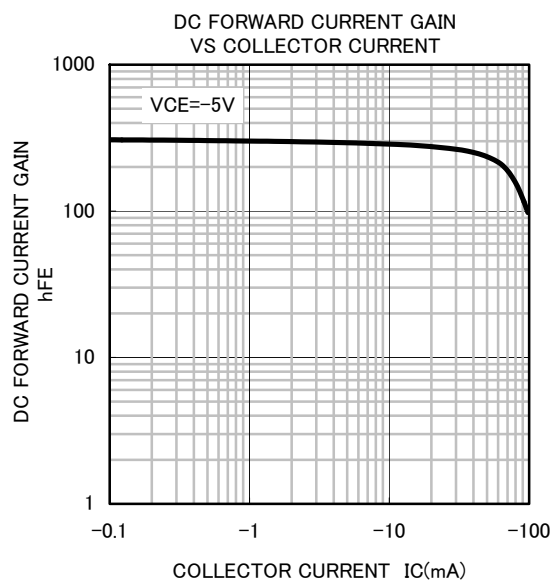
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## ELECTRICAL CHARACTERISTICS (Ta=25°C) (RTr1, RTr2)

Symbol	Parameter	Test conditions	Limits			Unit
			Min	Typ	Max	
V(BR)CEO	Collector to Emitter break down voltage	IC=-100 $\mu$ A, RBE= $\infty$	-50	-	-	V
ICBO	Collector cut off current	VCB=-50V, IE=0	-	-	-0.1	$\mu$ A
hFE	DC forward current gain	VCE=-5V, IC=-1mA	100	-	-	-
VCE(sat)	Collector to Emitter saturation voltage	IC=-10mA, IB=-0.5mA	-	-	-0.3	V
R1	Input resistor	-	33	47	61	k $\Omega$
fT	Gain band width product	VCE=-6V, IE=10mA	-	150	-	MHZ

## TYPICAL CHARACTERISTICS (RTr1,RTr2)





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