

RT3AMMM

Composite Transistor
For Low Frequency Amplify Application
Silicon Pnp Epitaxial Type

DESCRIPTION

RT3AMMM is a composite transistor built with two 2SA1235A chips in SC-88 package.

FEATURE

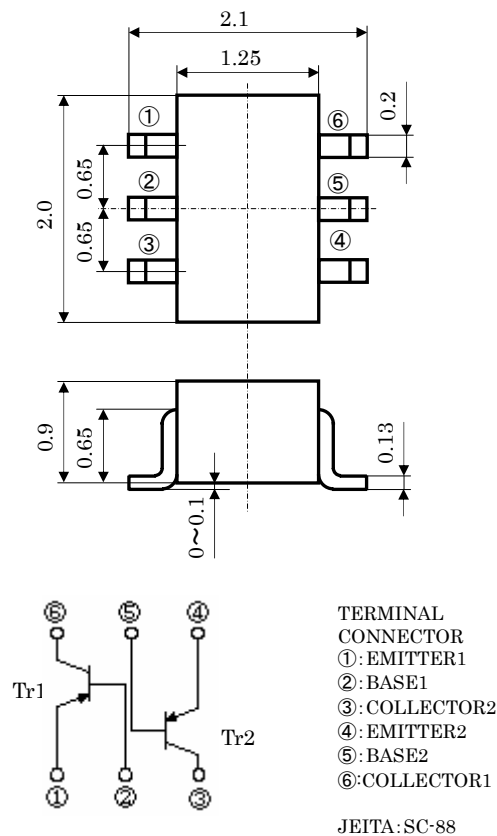
- Silicon pnp epitaxial type
- Each transistor elements are independent.
- Mini package for easy mounting

APPLICATION

For low frequency amplify application

OUTLINE DRAWING

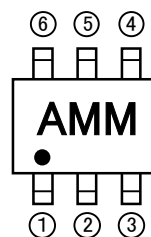
Unit: mm



MAXIMUM RATING (Ta=25°C)

SYMBOL	PARAMETER	RATING	UNIT
V _{CB0}	Collector to Base voltage	-60	V
V _{EB0}	Emitter to Base voltage	-6	V
V _{CEO}	Collector to Emitter voltage	-50	V
I _C	Collector current	-200	mA
P _C	Collector dissipation (Total, Ta=25°C)	150	mW
T _j	Junction temperature	+125	°C
T _{stg}	Storage temperature	-55~+125	°C

MARKING



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ELECTRICAL CHARACTERISTICS (Ta=25°C)

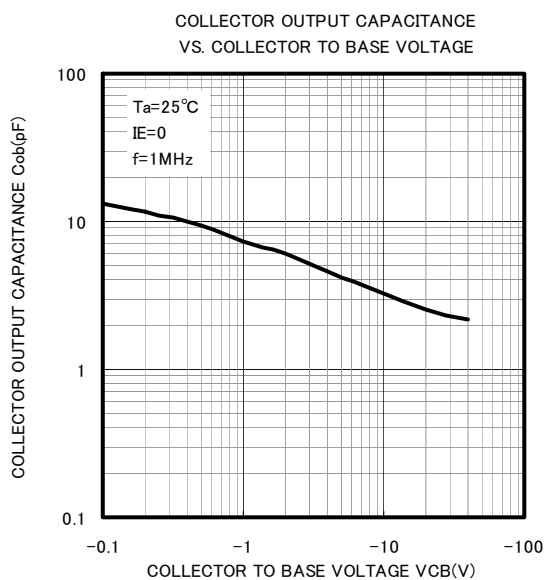
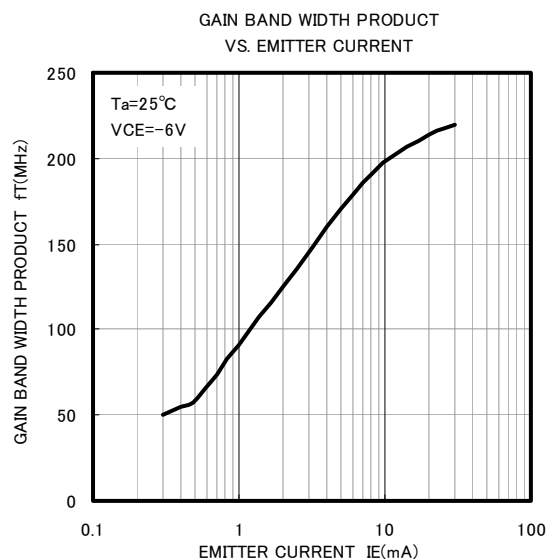
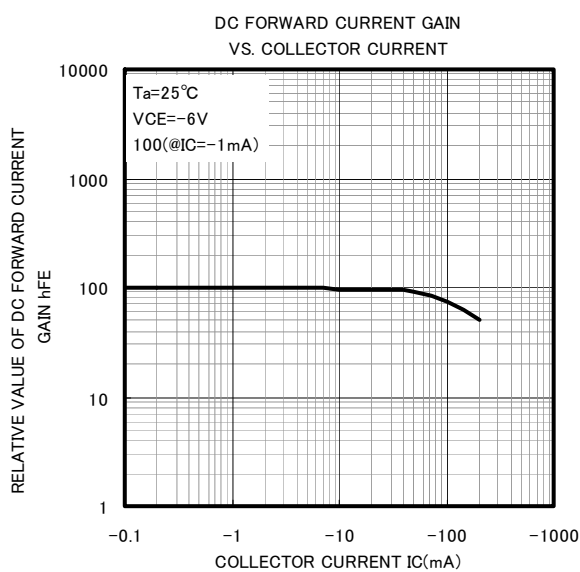
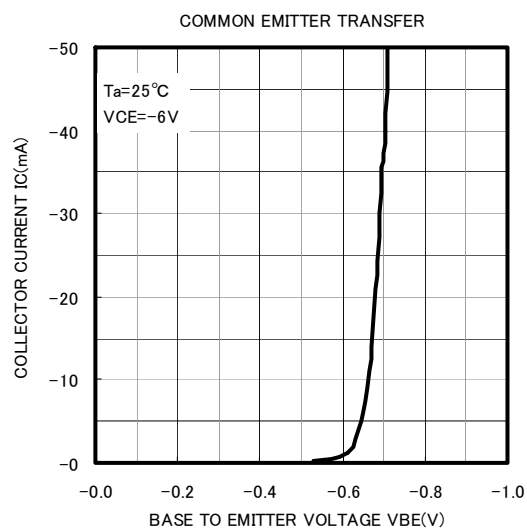
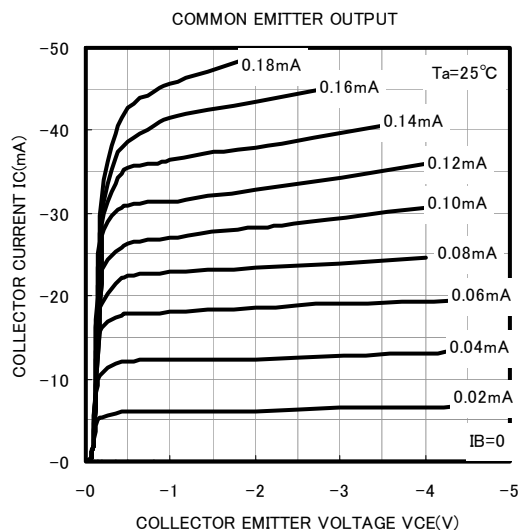
Symbol	Parameter	Test conditions	Limits			Unit
			Min	Typ	Max	
V(BR)CEO	Collector to Emitter break down voltage	IC=100 μ A, RBE=∞	-50	-	-	V
ICBO	Collector cut off current	VCB=-60V, IE=0	-	-	-0.1	μ A
IEBO	Emitter cut off current	VEB=-6V, IC=0	-	-	-0.1	μ A
hFE*	DC forward current gain	VCE=-6V, IC=-1mA	150	-	500	-
hFE	DC forward current gain	VCE=-6V, IC=-0.1mA	90	-	-	-
VCE(sat)	Collector to Emitter saturation voltage	IC=-100mA, IB=-10mA	-	-	-0.3	V
fT	Gain band width product	VCE=-6V, IE=10mA	-	200	-	MHZ
Cob	Collector output capacitance	VCB=-6V, IE=0, f=1MHZ	-	4.0	-	pF
NF	Noise figure	VCE=6V, IE=0.3mA, f=100HZ, RG=10kΩ	-	-	20	dB

* : It shows hFE classification in right table.

item	E	F
hFE	150~300	250~500

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