2SA1964

Rev.F Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

TO-220F PNP Silicon PNP transistor in a TO-220F Plastic Package.

/ Features

h_{FE} f_T 2SC5248

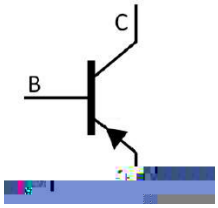
Flat DC current gain characteristics, high breakdown voltage, high f_T, wide SOA, complements the 2SC5248.

/ Applications

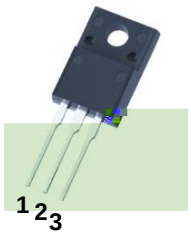
( )

High-voltage switching(audio output amplifier transistor, stabilized power supply transistor).

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	D	E
h_{FE} Range	60 120	100 200

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-160	V
Collector to Emitter Voltage	V_{CEO}	-160	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-1.5	A

Collector Power Dissipation bl WA

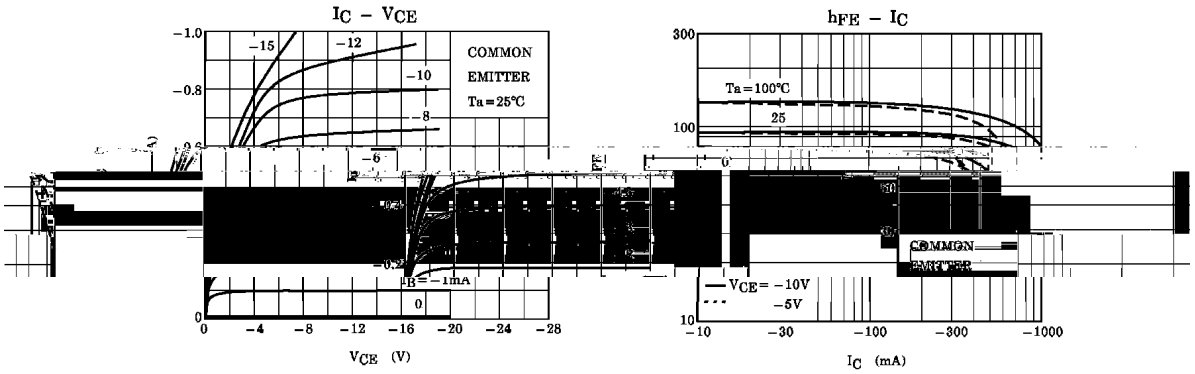
y

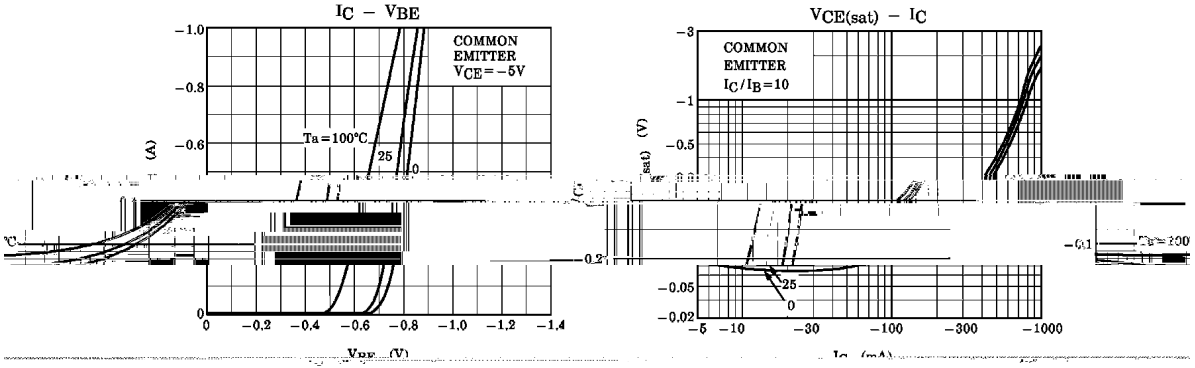
y

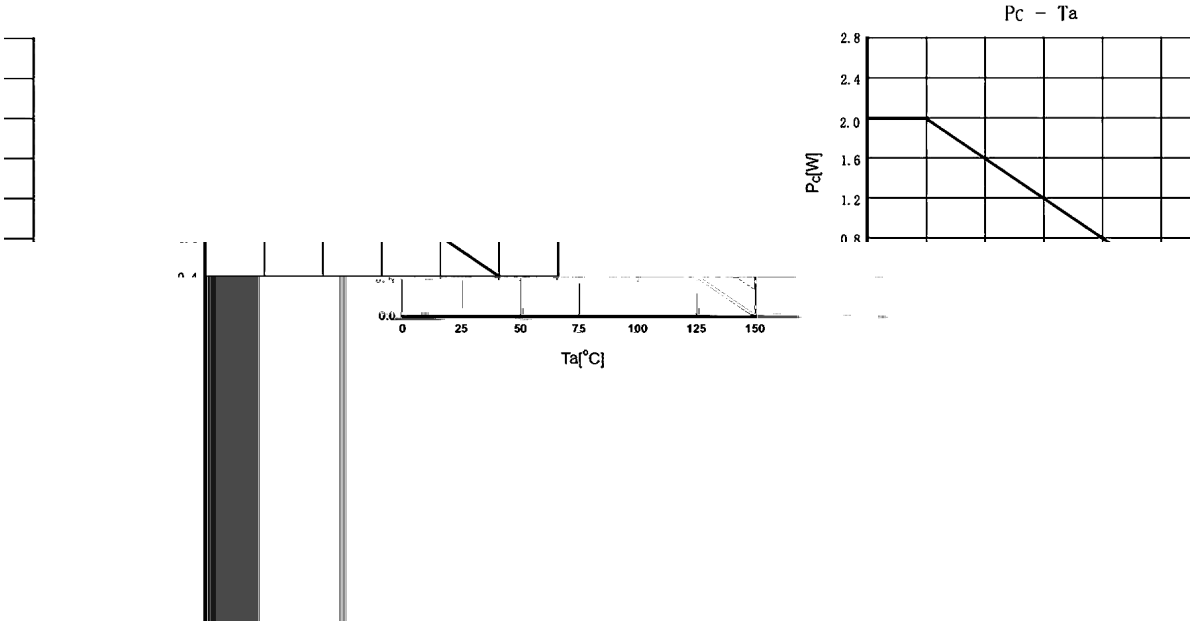
Collector Power Dissipation yC4256(WA)]TJET55.62591928 481.32 0.47998 ref55.625672768 0.48 18.28

-5
TV

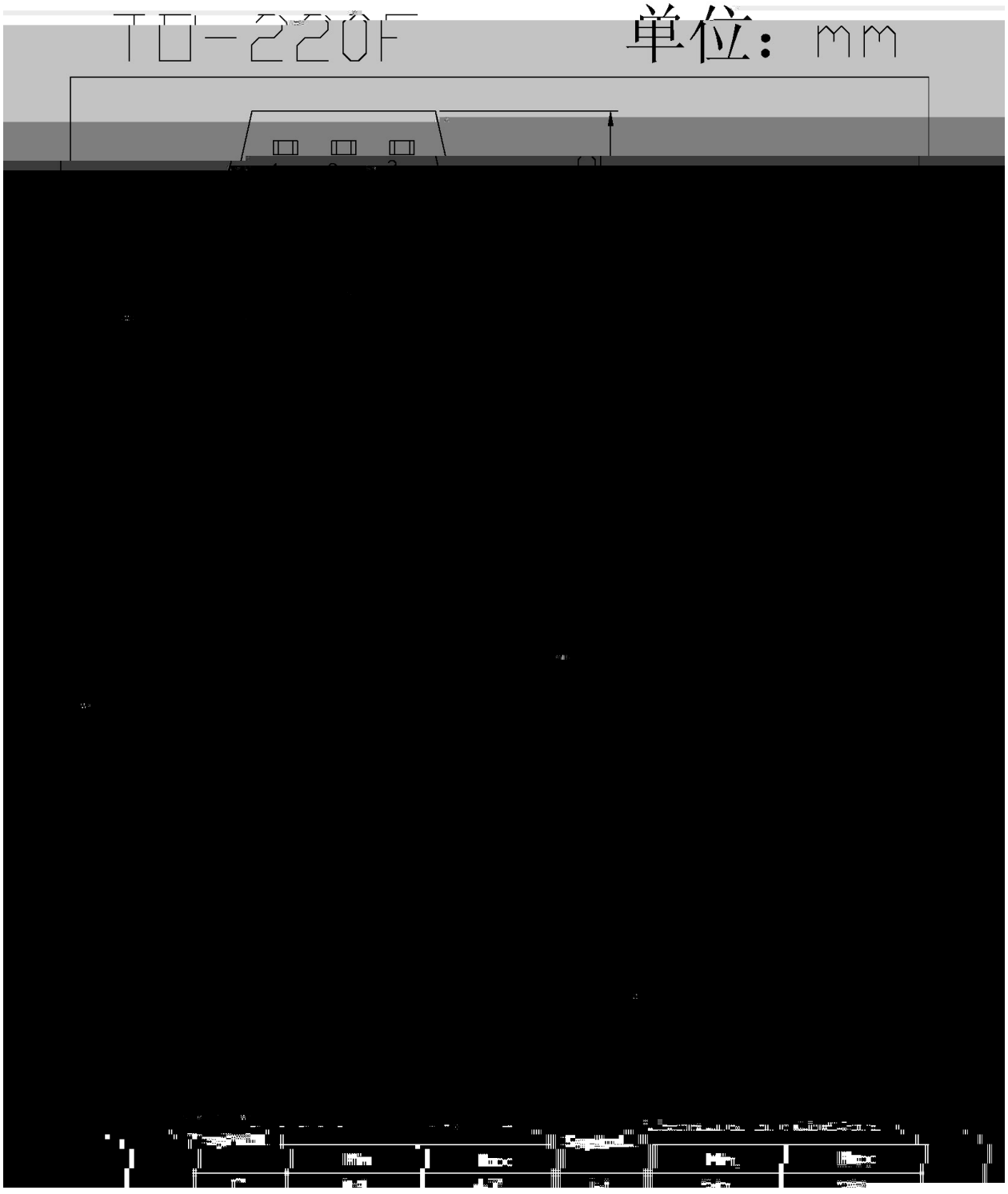
/ Electrical Characteristic Curve



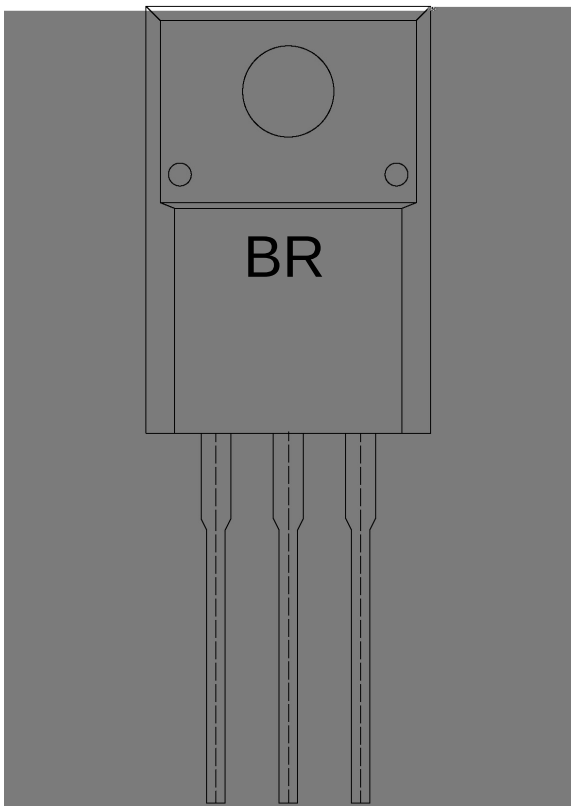




/ Package Dimensions



/ Marking Instructions



BR

A1964

D: h_{FE}

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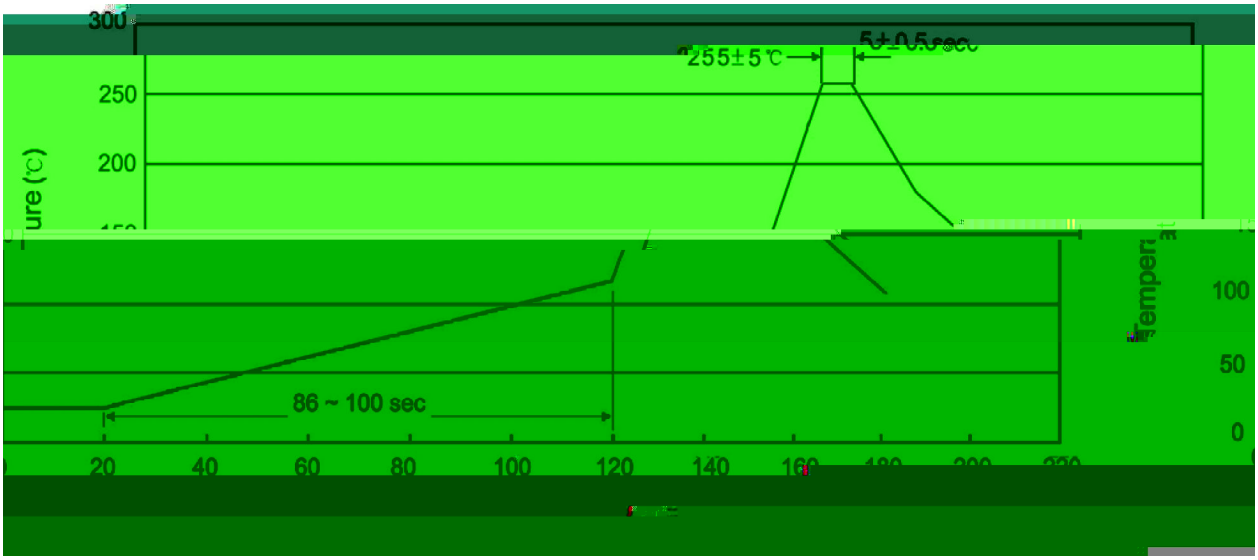
Note:

BR:	Company Code.
A1964:	Product Type.
D:	h_{FE} Classifications Symbol
****:	Lot No. Code, code change with Lot No.

( ) / Temperature Profile for Dip Soldering(Pb-Free)



				Note:	
1	25	150	60	90sec;	1.Preheating:25~150 , Time:60~90sec.
2	255±5			5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.
3		2	10	/sec.	3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

270±5	10±1 sec.	Temp.:270±5	Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type	Units					Dimension		(unit mm^3)

/ TUBE

Package Type	Units	Dimension	(unit mm^3)