

/ Descriptions

Silicon NPN transistor in a SOT-89 Plastic Package.

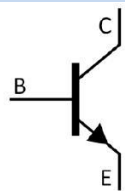
/ Features

Complementary pair with BR2SB647(A)TQ, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

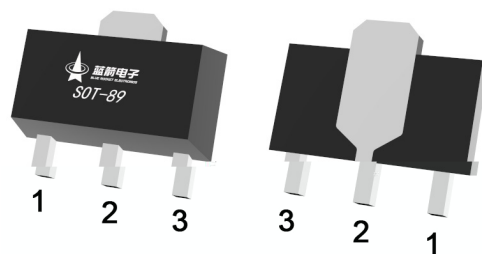
/ Applications

Low frequency power amplifier, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ hFE Classifications & Marking

hFE Classifications Symbol	B	C	D
hFE Range	60 120	100 200	160 320
Marking	Q67B * *	Q67C * *	Q67D * *

BR2SD667(A)TQ

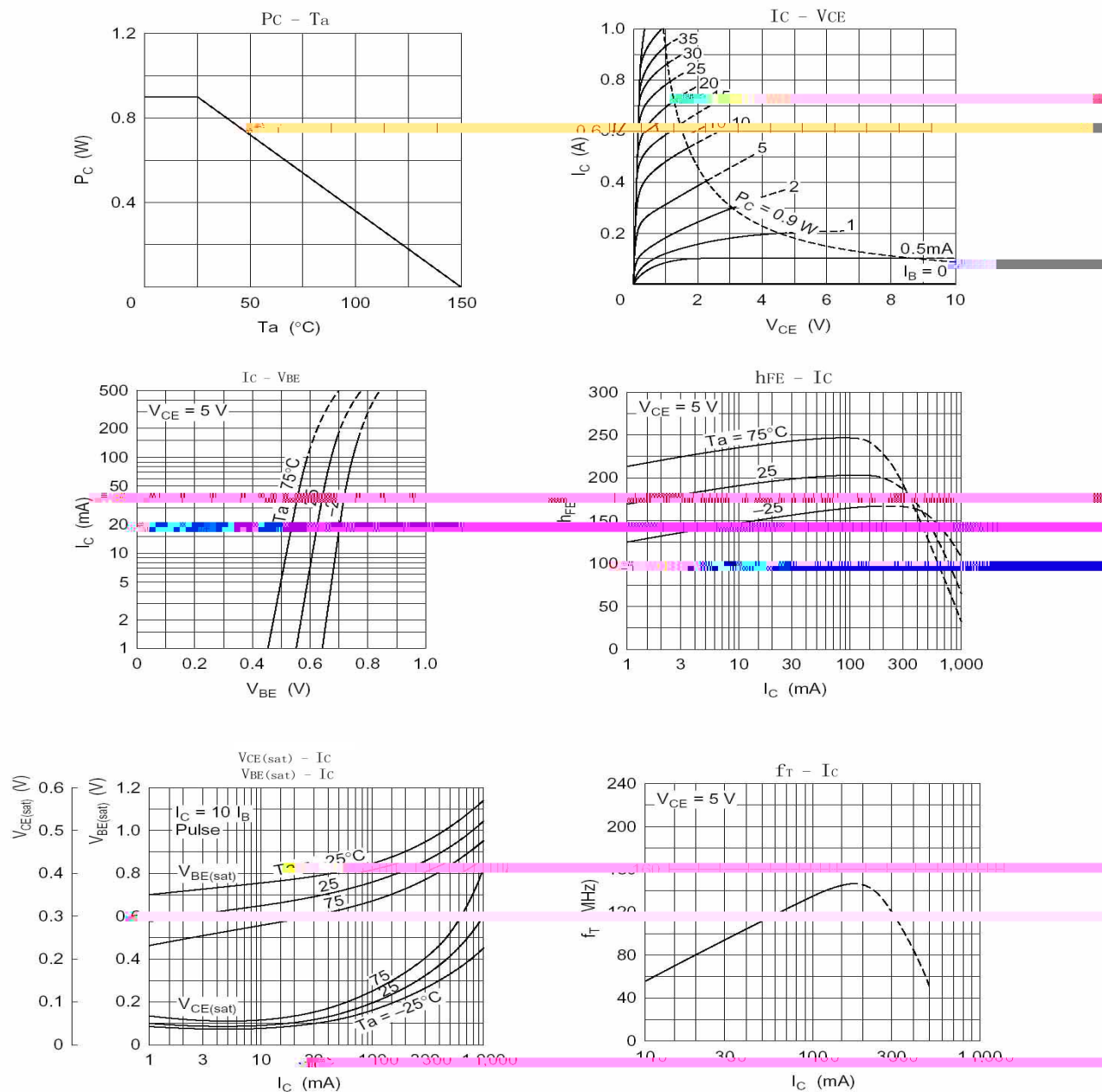
Rev.A Apr.-2023



DATA SHEET

Parameter

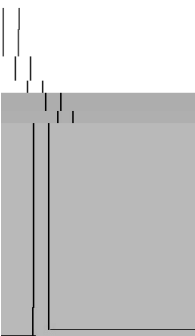
/ Electrical Characteristic Curve



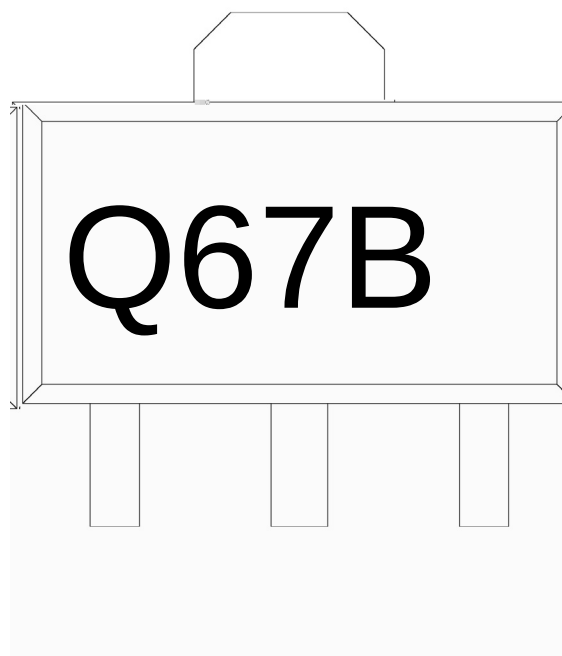
/ Package Dimensions

UNIT: mm

单位: mm

	A	4.4	4.7	a1	0.36	0.56
	R	2.35	2.65	a2	0.30	0.50
	L	3.878	4.478	c1	0.35	0.50
	a	1.45	1.65	P	6°	
	E	1.40	1.60			
	E1	2.80	3.20			
	b	0.80	1.20			

/ Marking Instructions



Note:

Q:	Automobile halogen-free product Code
67:	Product Type
B:	h_{FE} Classifications Symbol
**:	Lot No. Code,code change with Lot No

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

Note:

1 150 200 60 120sec; 1.Preheating:150~200 -18.2.00121-15053 TD0 Tc(1)Tj/