

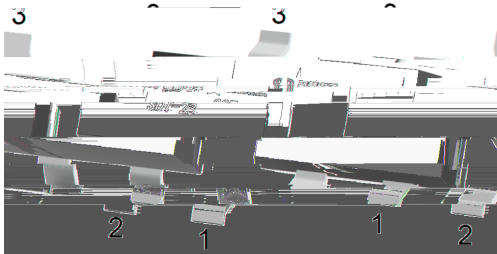
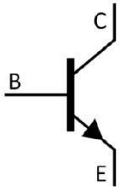
Rev.D May.-2023

SOT-23 NPN Silicon NPN transistor in a SOT-23 Plastic Package.

BRS8550MQ AEC-Q101

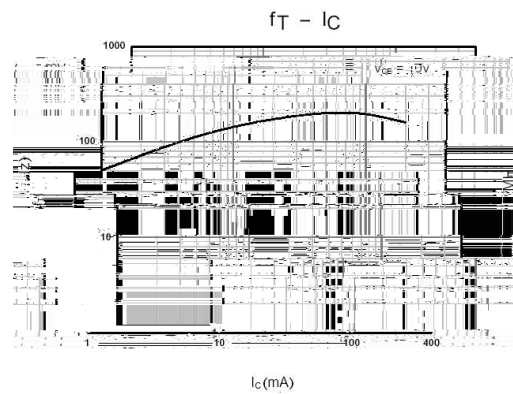
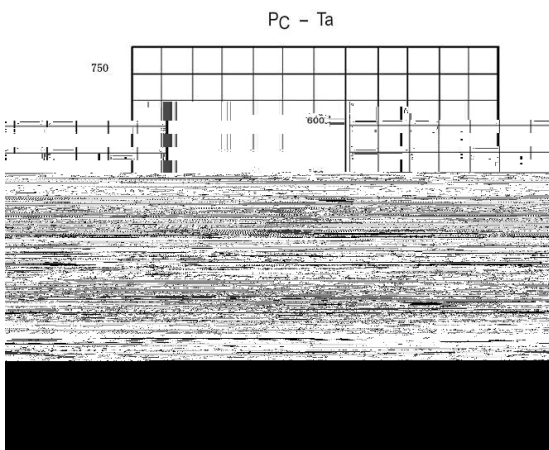
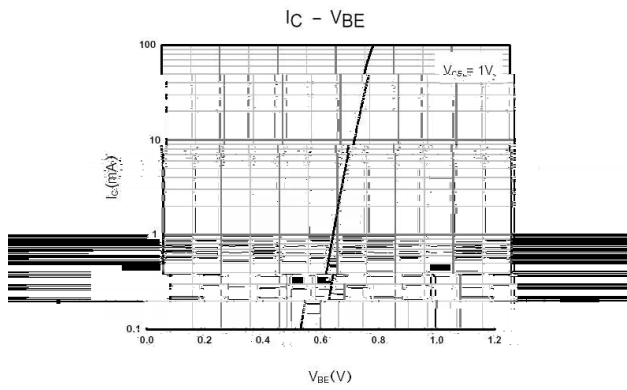
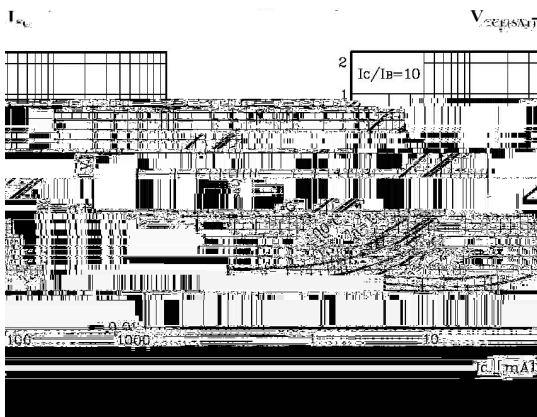
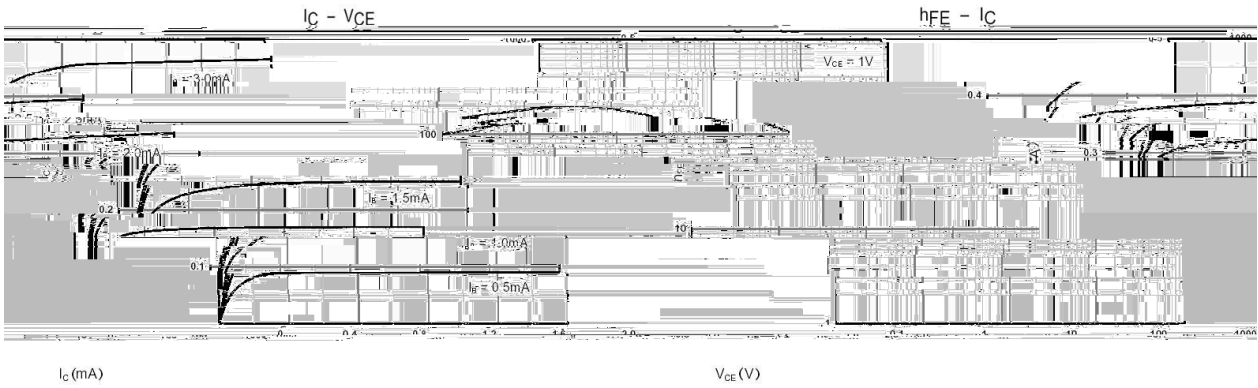
Complementary pair with BRS8550MQ, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

Power amplifier applications, Meet the stringent requirements of automotive applications.



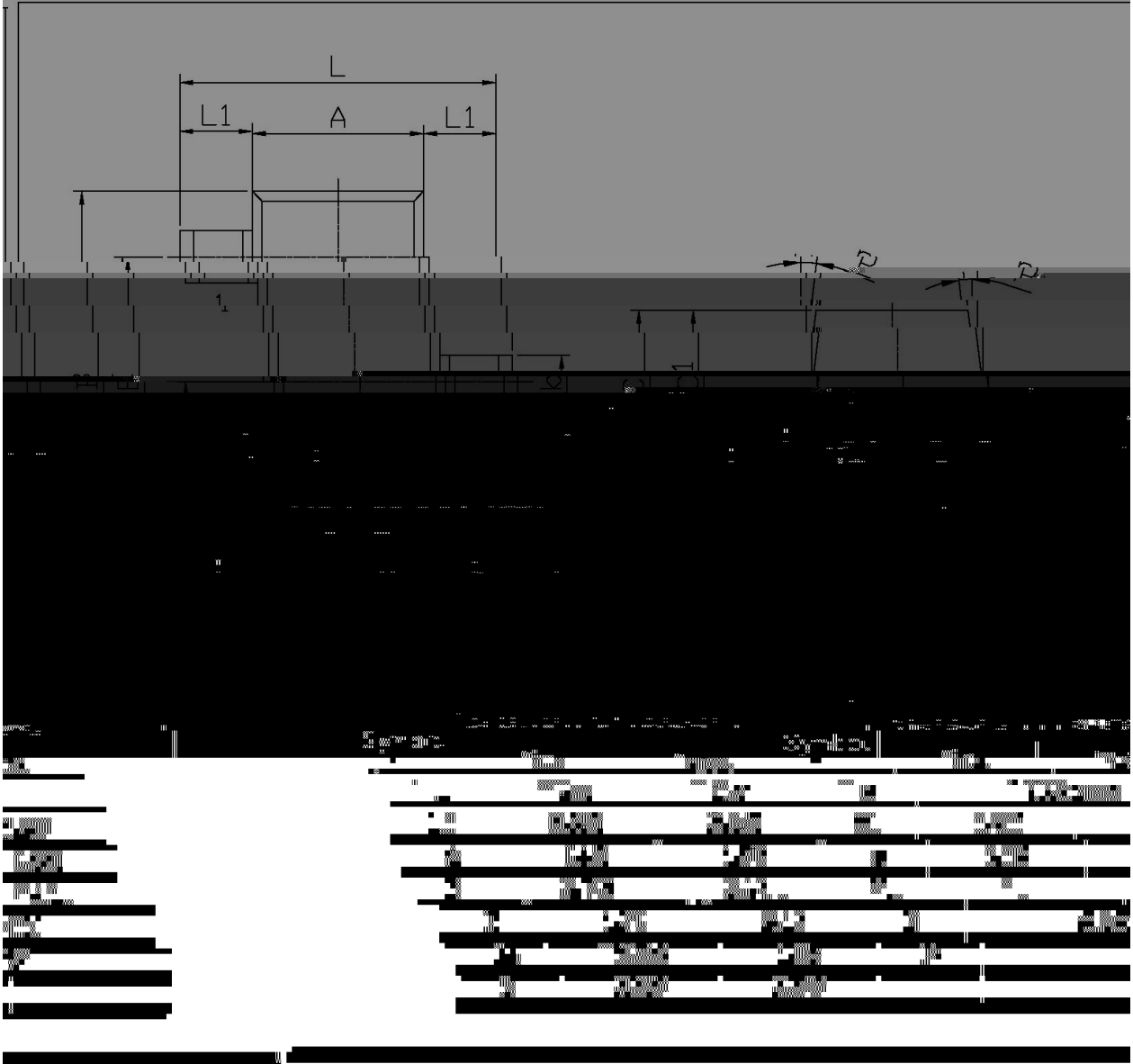
PIN1 Base PIN 2 Emitter PIN 3 Collector

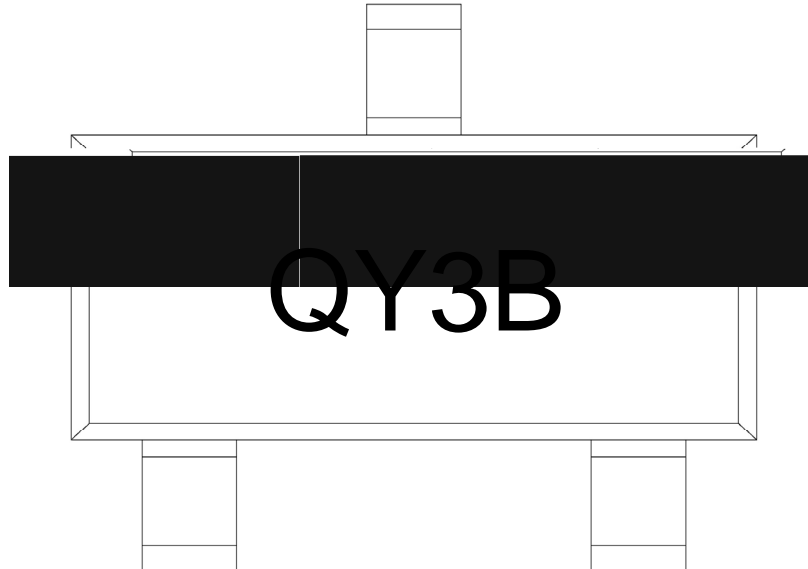
h _{FE} Classifications Symbol	B	C	D
h _{FE} Range	85 160	120 200	160 300
Marking	QY3B	QY3C	QY3D



SQT-23

单位: mm





3

hFE

Note:

Q: Automobile halogen-free product Code

3 Product Type Code

hFE Classifications Symbol Code

Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

- | | | | |
|---|-----------|--------------|---|
| 1 | 150 ~ 200 | 60 ~ 120sec; | 1.Preheating:150~200 , Time:60~120sec. |
| 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. |

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec
-------	-----------	-------------	---------------

/ REEL

Package Type	Units	Dimension	(unit mm ³)
--------------	-------	-----------	-------------------------