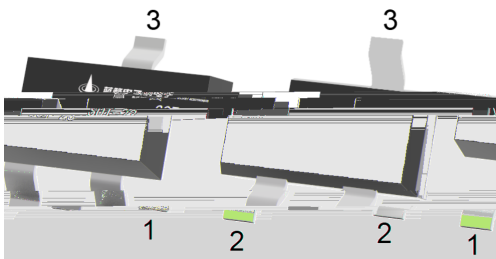
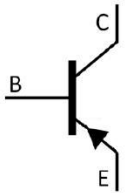


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9 5 : . > // x 6 4 6 ! - } â ' ož Silicon PNP transistor in a SOT-23 Plastic Package.

(8 9 3 7 ; m k ... ` ' +) 7 ö Ö ä U ´ Å } L k —) í D } ož
Complementary pair with BRS8050MQ, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

9 ä y Ý è k á V ñ • } Lož
Power amplifier applications, Meet the stringent requirements of automotive applications.



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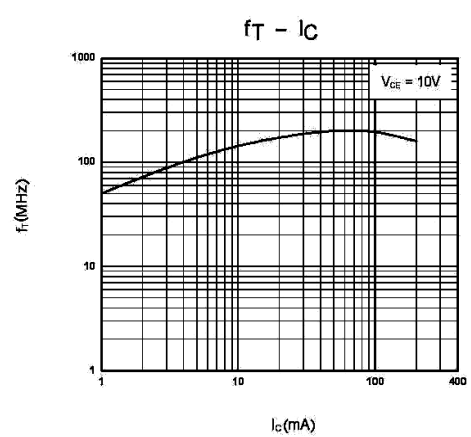
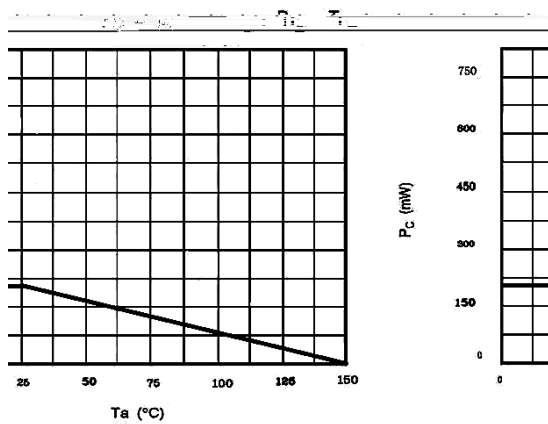
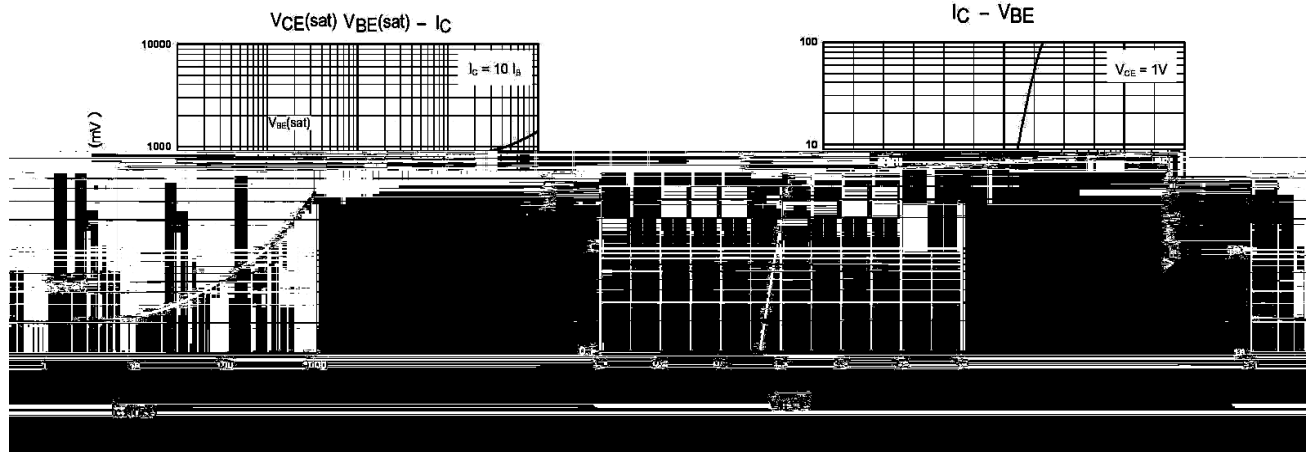
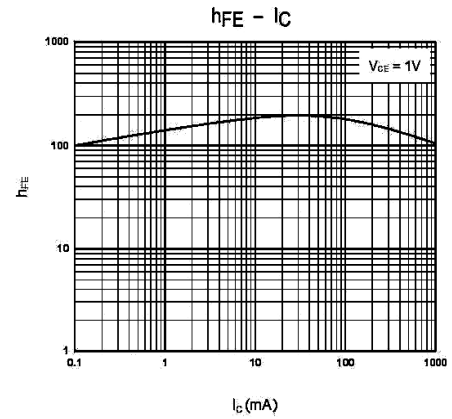
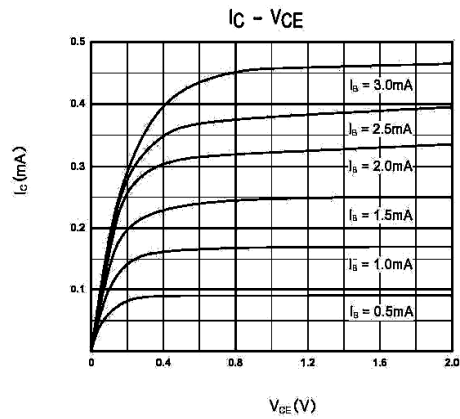
静态参数

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-40	V
Collector to Emitter Voltage	V_{CEO}	-25	V
Emitter to Base Voltage	V_{EBO}	-6.0	V
Collector Current	I_C	-800	mA
Base Current	I_B	-200	mA
Collector Power Dissipation	P_C	200	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-65 ~ 150	

动态参数

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	$I_C = -0.1mA, I_E = 0$	-40			V
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C = -2.0mA, I_B = 0$	-25			V
Emitter to Base Breakdown Voltage	V_{EBO}	$I_E = -0.1mA, I_C = 0$	-6.0			V
Collector Cut-Off Current	I_{CBO}	$V_{CB} = -35V, I_E = 0$			-0.1	A
Emitter Cut-Off Current	I_{EBO}	$V_{EB} = -6.0V, I_C = 0$			-0.1	A
DC Current Gain	$h_{FE(1)}$	$V_{CE} = -1.0V, I_C = -100mA$	85		300	
	$h_{FE(2)}$	$V_{CE} = -1.0V, I_C = -500mA$	40			
	$h_{FE(3)}$	$V_{CE} = -1.0V, I_C = -5.0mA$	45			
Collector-emitter Saturation Voltage	$V_{CE(sat)}$	$I_C = -500mA, I_B = -50mA$		-0.28	-0.6	V
Base-Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C = -500mA, I_B = -50mA$		-0.98	-1.2	V
Base-Emitter Voltage	V_{BE}	$V_{CE} = -1.0V, I_C = -10mA$		-0.66	-1.0	V
Transition Frequency	f_T	$V_{CE} = -10V, I_C = -50mA$	100	200		MHz
Collector Output Capacitance	C_{ob}	$V_{CB} = -10V, f = 1.0MHz, I_E = 0$		15		pF

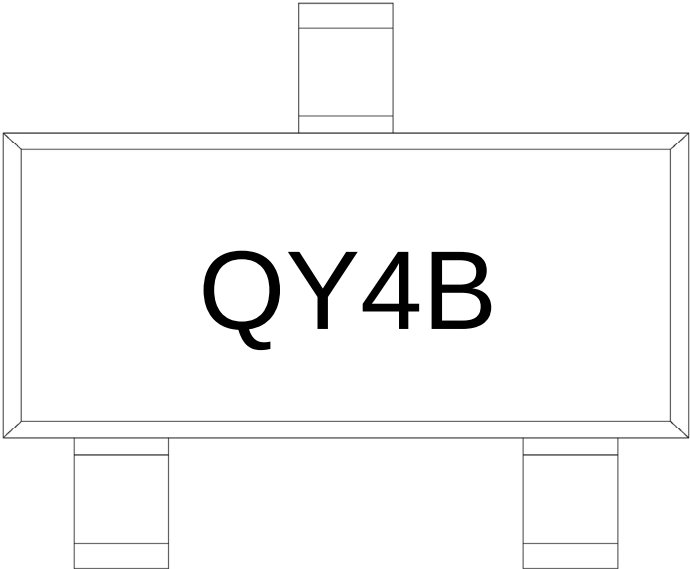
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Note:

Q: Automobile halogen-free product Code

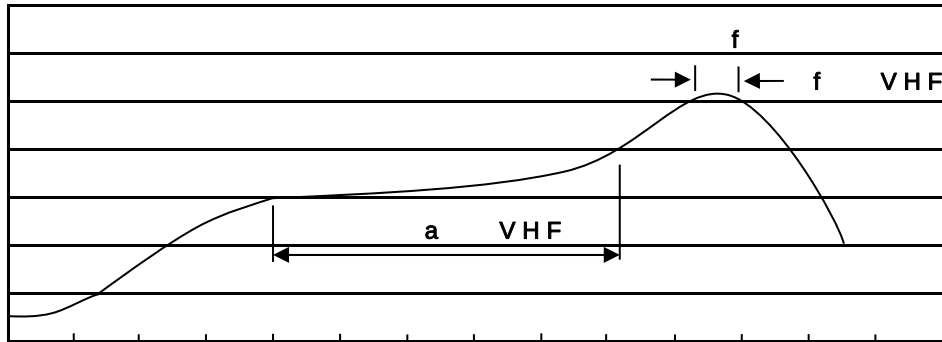
? y Product Type Code

(y hFE Classifications Symbol Code

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7HP SHU DWXUH



7LPH VHF

ačy

Note:

- 10• Ä ½ “† 150 ½200 - k ž • 60 ½120sec; 1.Preheating:150~200 - , Time:60~120sec.
- 20• Q > “† 255 r5 - k ž • 4 Ò 5 r0.5sec; 2.Peak Temp.:255 r5 - , Duration:5 r0.5sec.
- 30•D N ò i Ò 0 , † 2 ½10 - /sec. 3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »]

“†y 260 r5 - ž • y 10 r1 sec. Temp.:260±5 Time:10±1 sec

GP á

2 & x / REEL

Package Type 7>û ~ E	Units ;>û !H					Dimension ;>û p . (unit /mm³)		
	Units/Reel /-	Reels/Inner Box -- /-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box	Outer Box
SOT-23	3,000	10	30,000	6	180,000	7 s ×8	180×120×180	390×385×205

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