/ Descriptions

WR0<5 ṂṂ Ƀ SQS ÆṀ ч s Ⅱㄱ Silicon PNP transistor in a TO-92 Plastic Package.

/ Features

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High total dissipation, high h_{FE} and low $V_{CE(sat)}$.

/ Applications

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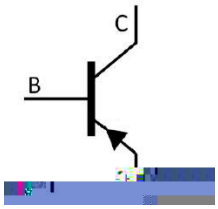
Output stage of portable radio and cassette type tape recorder, general purpose applications.

/ Equivalent Circuit



/ Pinning

PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

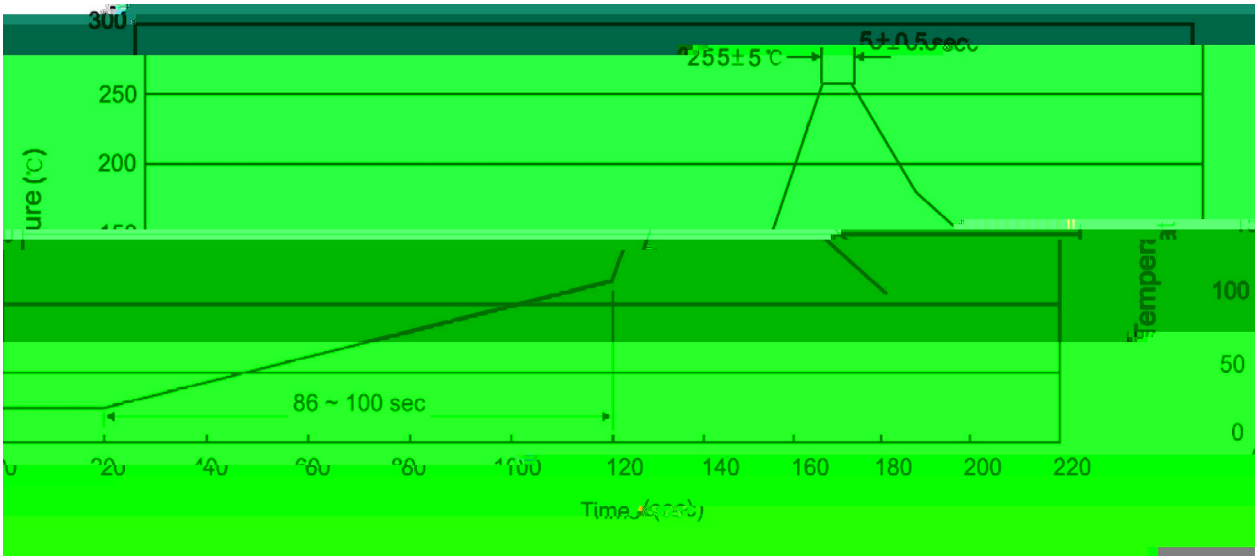
/ hFE Classifications & Marking

h_{FE} Classifications Symbol	M	L	K
h_{FE} Range	90~180	135~270	200~400

v ‴Ω Parameter	ϒ N Symbol	‴Ω Ö Rating	D Ч Unit
Collector to Base Voltage	V_{CBO}	-30	V
Collector to Emitter Voltage	V_{CEO}	-25	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-700	mA
Base Current – Continuous	I_B	-150	mA
Collector Power Dissipation	P_C	600	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

/ Electrical Characteristic Curve

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



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ɬ ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ɬ ı ˋH ڑ ˋY ﾊ ㎞ 5 ° 0.5sec;

3 ì ˙ ﾘ ˛ ɔ ﻉ ỷ ㎞ 2 Ḱ 10 ɬ /sec.

Note:

1.Preheating:25~150 ɬ , Time:60~90sec.

2.Peak Temp.:255 ° 5 ɬ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɬ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 270 ° 5 ɬ	ˋH ڑ χ 10 ° 1 sec.	Temp:270±5	Time:10±1 sec

/ Packaging SPEC.

ˇQ ţ ﾔ Ł / BULK

7.( )20sec10

Package Type	Units	Dimension	(unit mm3)