/ Descriptions

WR0<5 Ṃ Ṃ Ŀ SQS Æ Ṁ ɥ s ǁ ˥ Silicon PNP transistor in a TO-92 Plastic Package.

/ Features

ı ǅ ʑ /k IH ɔ /Y FH+vdw, Ḥ

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

/ Applications

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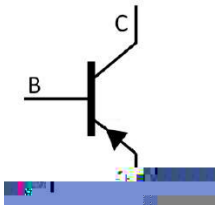
Output stage of portable radio and cassette type tape recorder, general purpose applications.

/ 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	˧ N Symbol	˜Ω Ö Rating	D Ĥ 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 ǂ ♬ □ ỷ 25 Ḱ 150 ɬ ı ̀H ڑ 60 Ḱ 90sec;

2 Š Ö □ ỷ 255 ° 5 ɬ ı ̀H ڑ ̀Y ⺈ ⺮ 5 ° 0.5sec;

3 ì ̇ ⺈ ̨ ɔ ھ ỷ ⺮ 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 ̀H ڑ χ 10 ° 1 sec. Temp:270±5 Time:10±1 sec

/ Packaging SPEC.

̈Ọ ̣ ɽ ɣ ᴇ / BULK

7.( )20sec10 ̇

Package Type	Units	Dimension	(unit mm3)