/ Descriptions

WR0553 Ṃ Ṃ Ꝉ SQS Æ Ṁ ч s ⅡⅦ Silicon PNP transistor in a TO-220 Plastic Package.

/ Features

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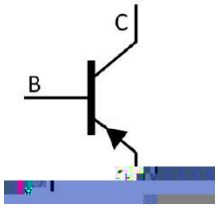
Complement to TIP31.

/ Applications

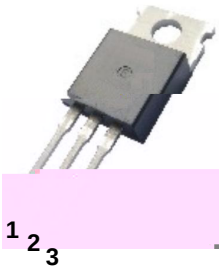
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Medium power linear switching applications.

/ Equivalent Circuit



/ Pinning



PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

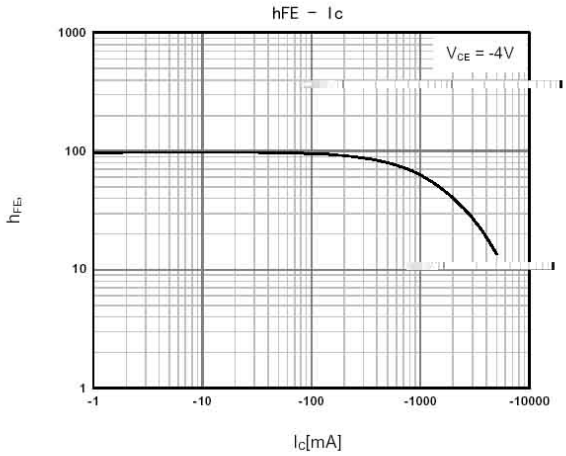
/ h_{FE} Classifications & Marking

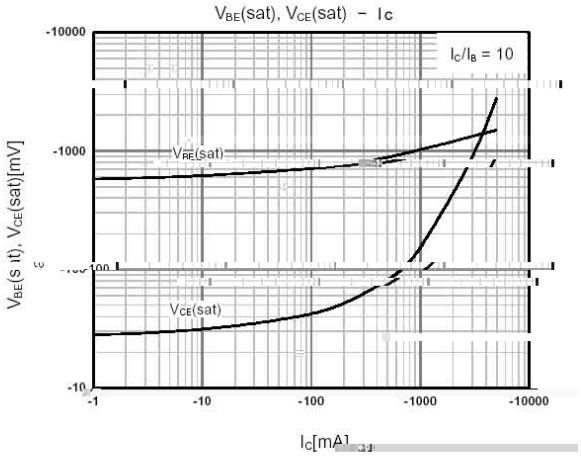
ծ м ㇔ ب ˝ See Marking Instructions.

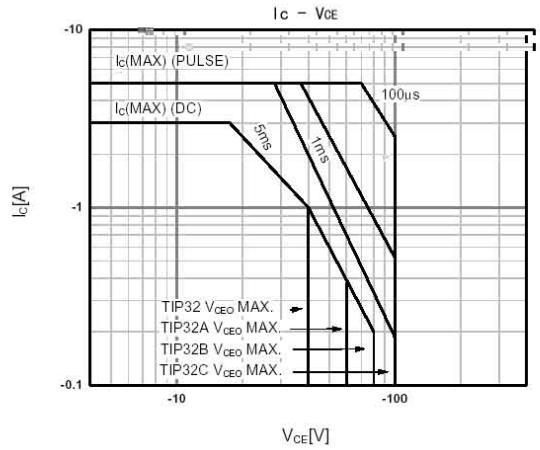
v ̈Ω Parameter	ϒ N Symbol	̈Ω Ö Rating				D Ђ Unit
		TIP32	TIP32A	TIP32B	TIP32C	
Collector to Base Voltage	V_{CBO}	-40	-60	-80	-100	V
Collector to Emitter Voltage	V_{CEO}	-40	-60	-80	-100	V
Emitter to Base Voltage	V_{EBO}	-5.0				V
Collector Current-Continuous	I_C	-3.0				A
Peak Collector Current	I_{CP}	-5.0				A
Base Current - Continuous	I_B	-3.0				A
Collector Power Dissipation	P_C	2.0				W
Collector Power Dissipation	P_C (Tc=25)	40				W
Junction Temperature	T_j	150				
Storage Temperature Range	T_{sag}	-55 150				

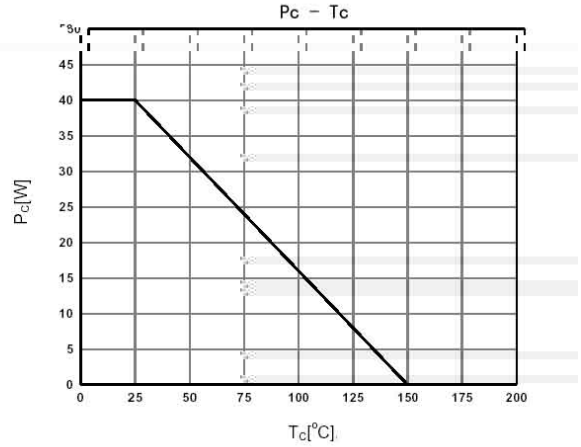
v ̈Ω Parameter	ϒ N Symbol	╨ ⁝ ⌡ ţ Test Conditions	ω ŋ Ö Min	Ɛ ʒ Ö Typ	ω ᶻ Ö Max	D Ђ Unit

/ Electrical Characteristic Curve

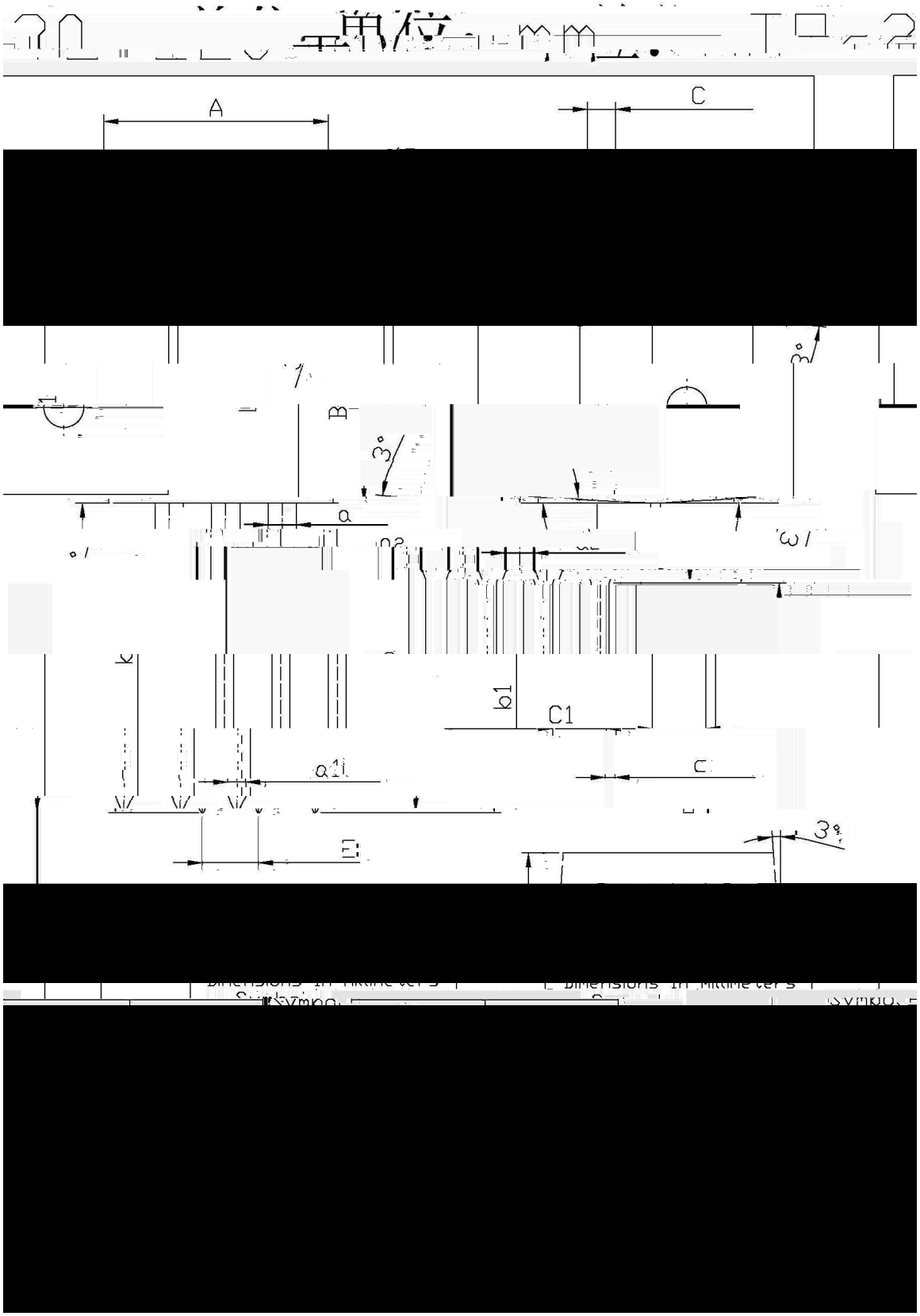




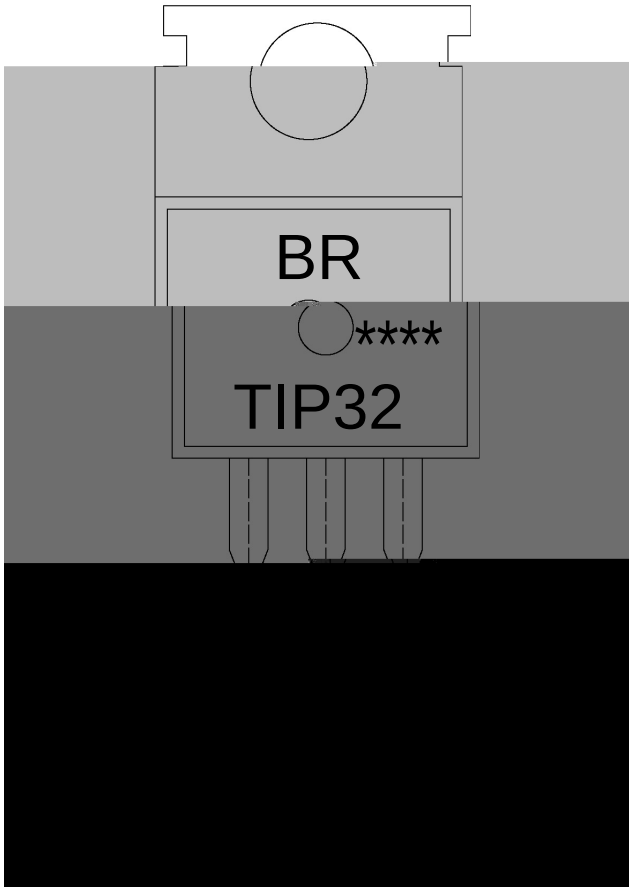




/ Package Dimensions



/ Marking Instructions



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WLS65 χ	ѫ ғ β ʒ ɴ
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Note:

BR:	Company Code
TIP32:	Product Type.
****:	Lot No. Code, code change with Lot No.