TIP32

Rev. H Oct.-2018

蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

WR0553 ṂṂꝈ SQS ӕṀӌ s Ⅱ ᄀ Silicon PNP transistor in a TO-220 Plastic Package.

/ Features

љ WLS64 Й̦ ´

Complement to TIP31.

/ Applications

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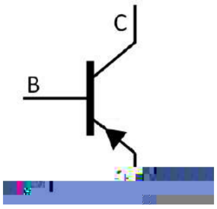
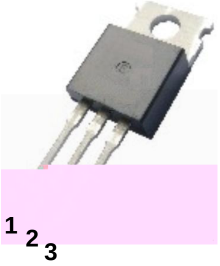
Medium power linear switching applications.

/ Equivalent Circuit



/ Pinning



PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

/ h_{FE} Classifications & Marking

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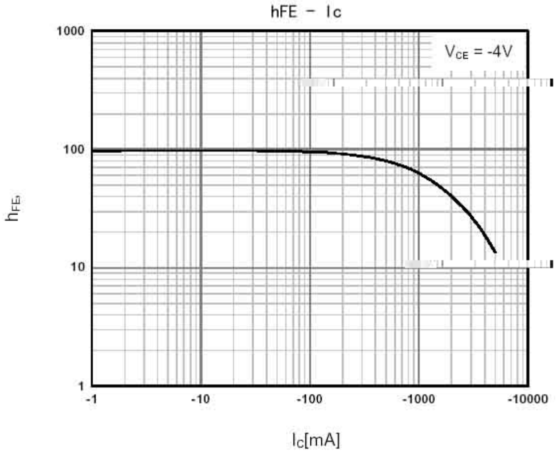
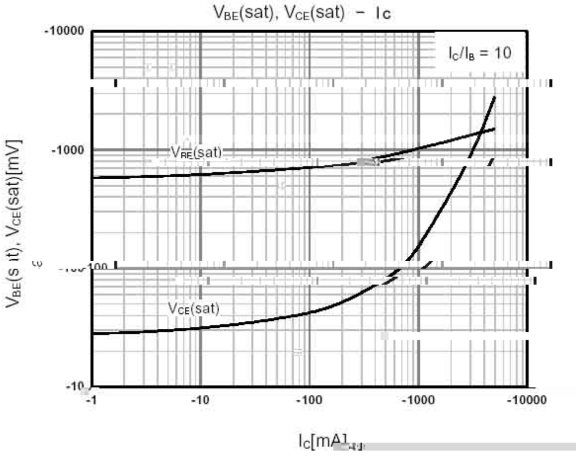
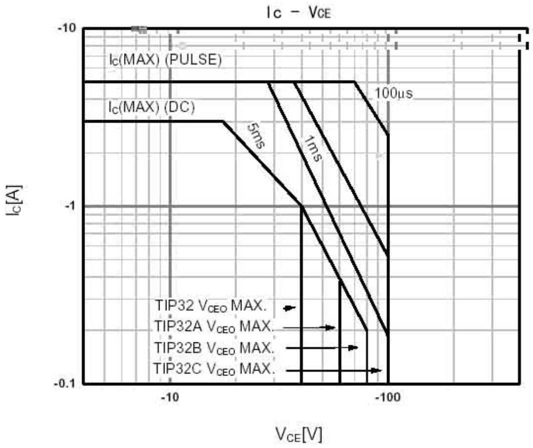
Parameter	Symbol	Rating				Unit
		TIP32	TIP32A	TIP32B	TIP32C	
Collector to Base Voltage	V_{CBO}	-40	-60	-80	-100	V
Collector to Emitter Voltage	V_{CEO}	-40	-60	-80	-100	V
Emitter to Base Voltage	V_{EBO}	-5.0				V
Collector Current-Continuous	I_C	-3.0				A
Peak Collector Current	I_{CP}	-5.0				A
Base 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				

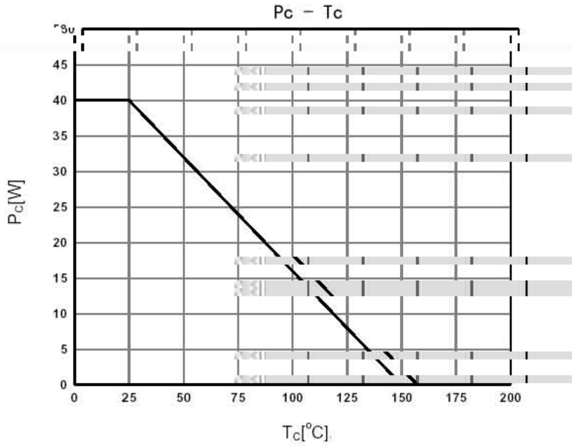
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit

/ Electrical Characteristic Curve

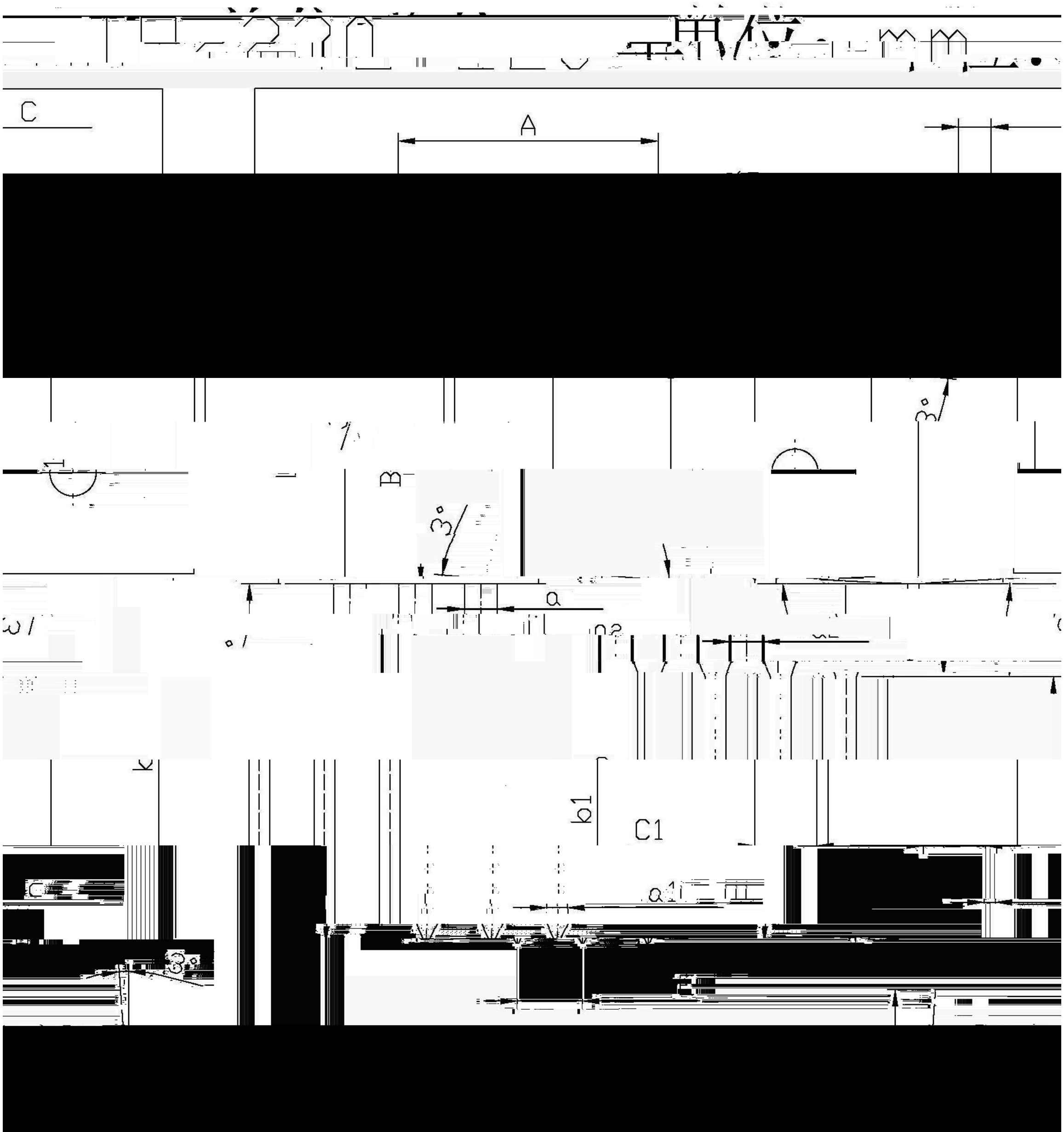








/ Package Dimensions



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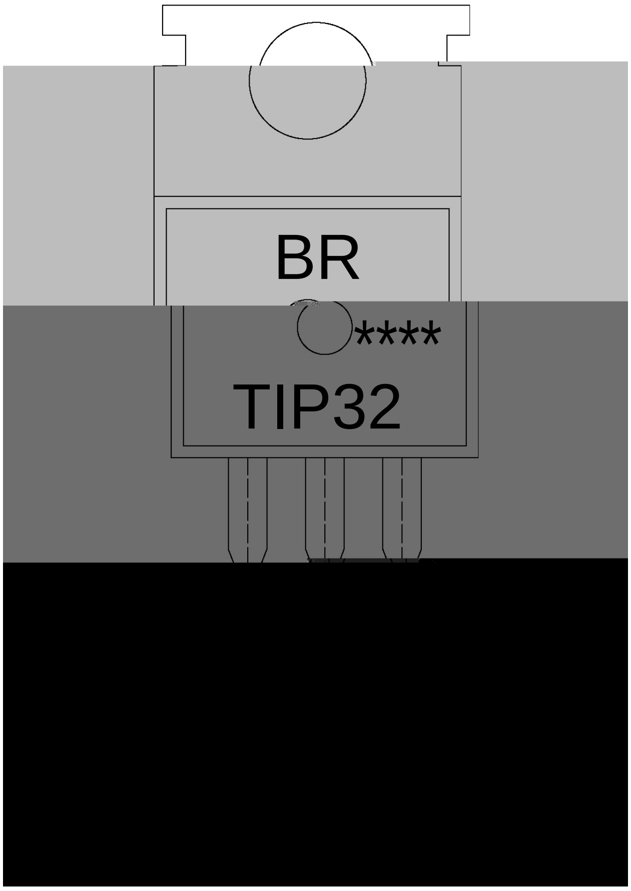
/ Marking Instructions



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Note:

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