

TIP32

Rev. H Oct.-2018

/ Descriptions

WR0553 ММ Ё SQS æ Ė ħ s ll 1 Silicon PNP transistor in a TO-220 Plastic Package.

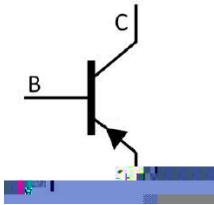
/ Features

лЪ WLS64 Ы ´
Complement to TIP31.

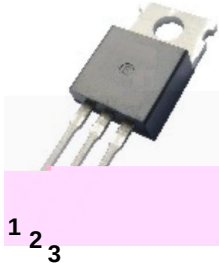
/ Applications

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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

ø M ħ ħ " See Marking Instructions.

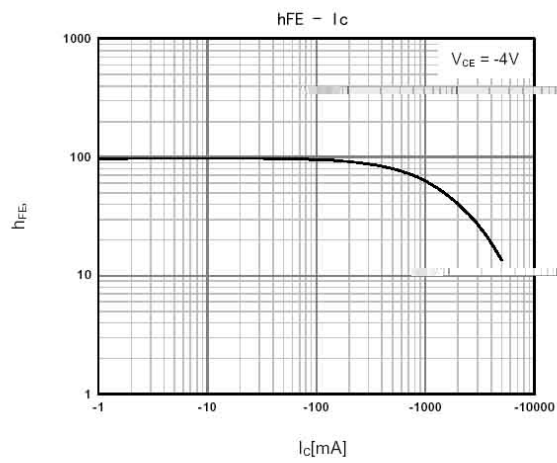
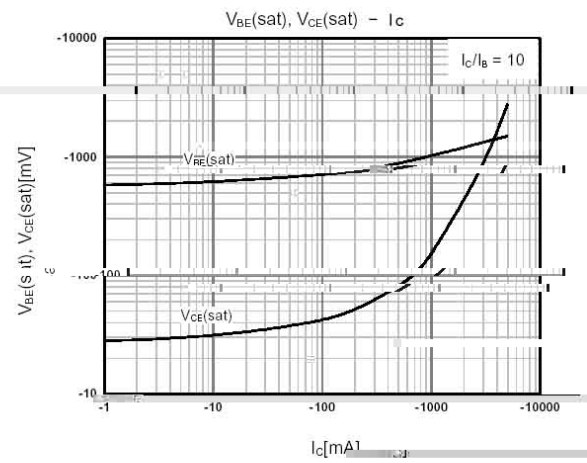
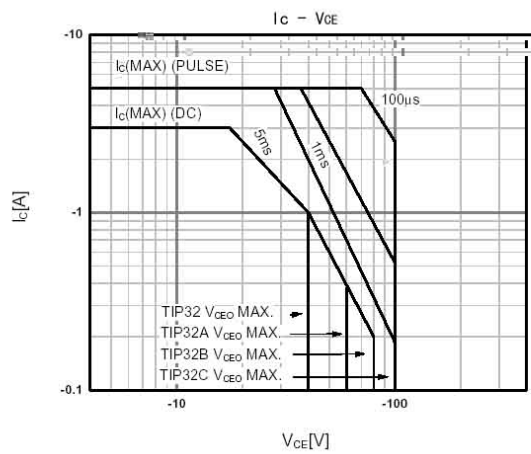
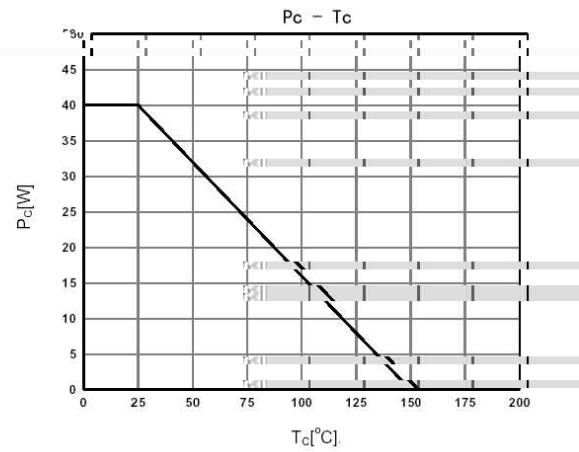
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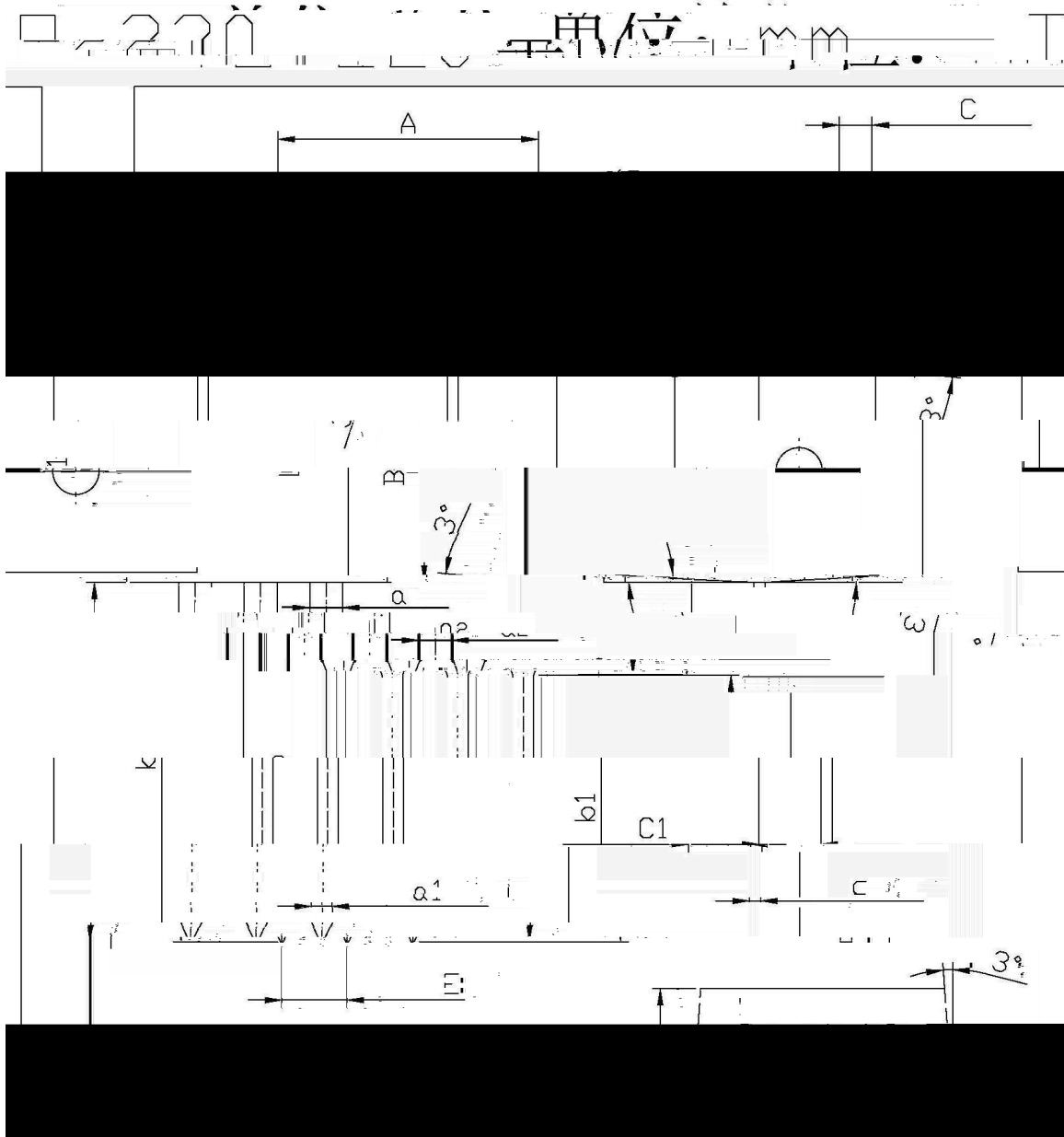
Parameter	Symbol	Rating				Unit
		TIP32	TIP32A	TIP32B	TIP32C	
Collector to Base Voltage	V_{CBO}	-40	-60	-80	-100	V
Collector to Emitter Voltage	V_{CEO}	-40	-60	-80	-100	V
Emitter to Base Voltage	V_{EBO}	-5.0				V
Collector Current-Continuous	I_C	-3.0				A
Peak Collector Current	I_{CP}	-5.0				A
Base Current - Continuous	I_B	-3.0				A
Collector Power Dissipation	P_C	2.0				W
Collector Power Dissipation	$P_C (T_c=25^\circ C)$	40				W
Junction Temperature	T_j	150				
Storage Temperature Range	T_{sag}	-55 ~ 150				

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
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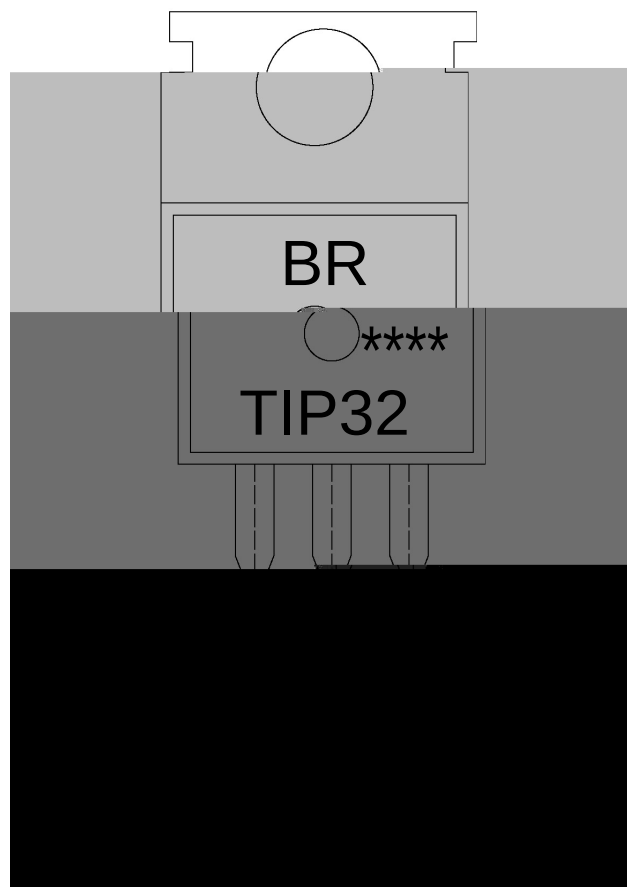
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



б " X

EU X

WLS65 X

---- X

Note:

BR:

TIP32:

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Company Code

Product Type.

Lot No. Code, code change with Lot No.

