

TIP32

Rev. H Oct.-2018

/ Descriptions

Silicon PNP transistor in a TO-220 Plastic Package.

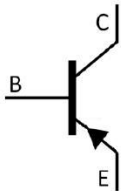
/ Features

Complement to TIP31.

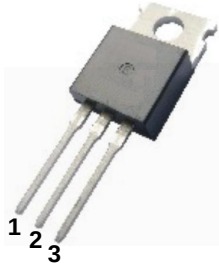
/ Applications

Medium power linear switching applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

See Marking Instructions.

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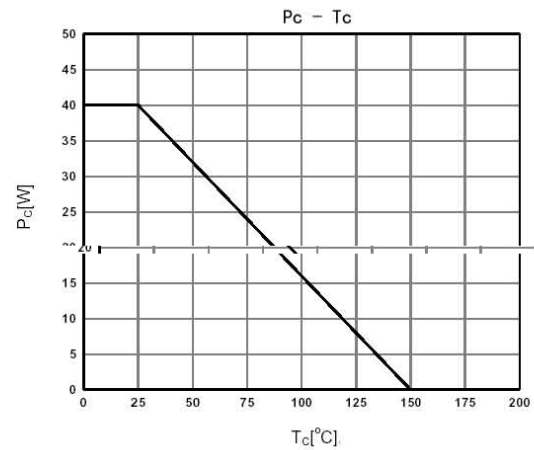
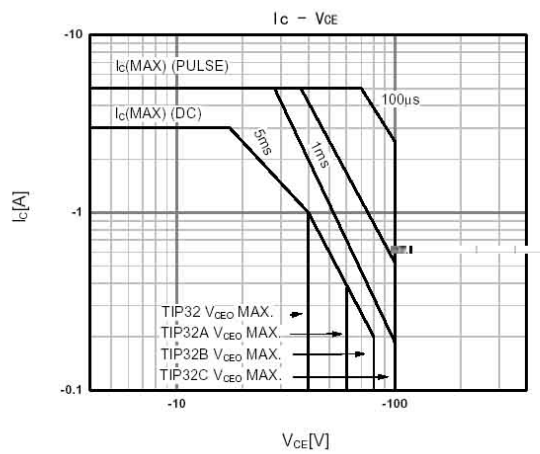
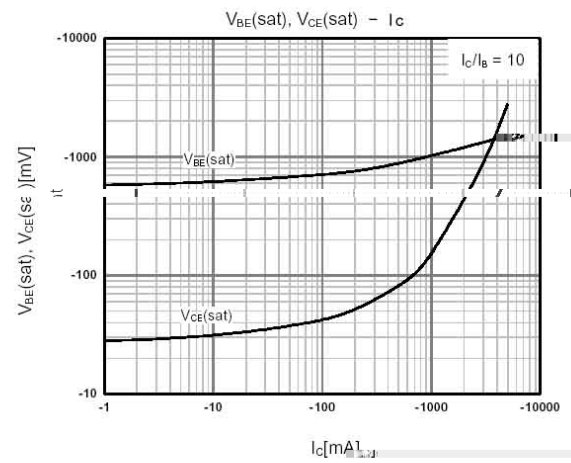
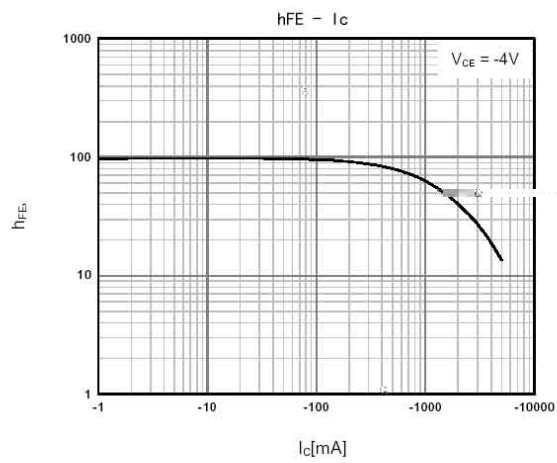


DATA SHEET

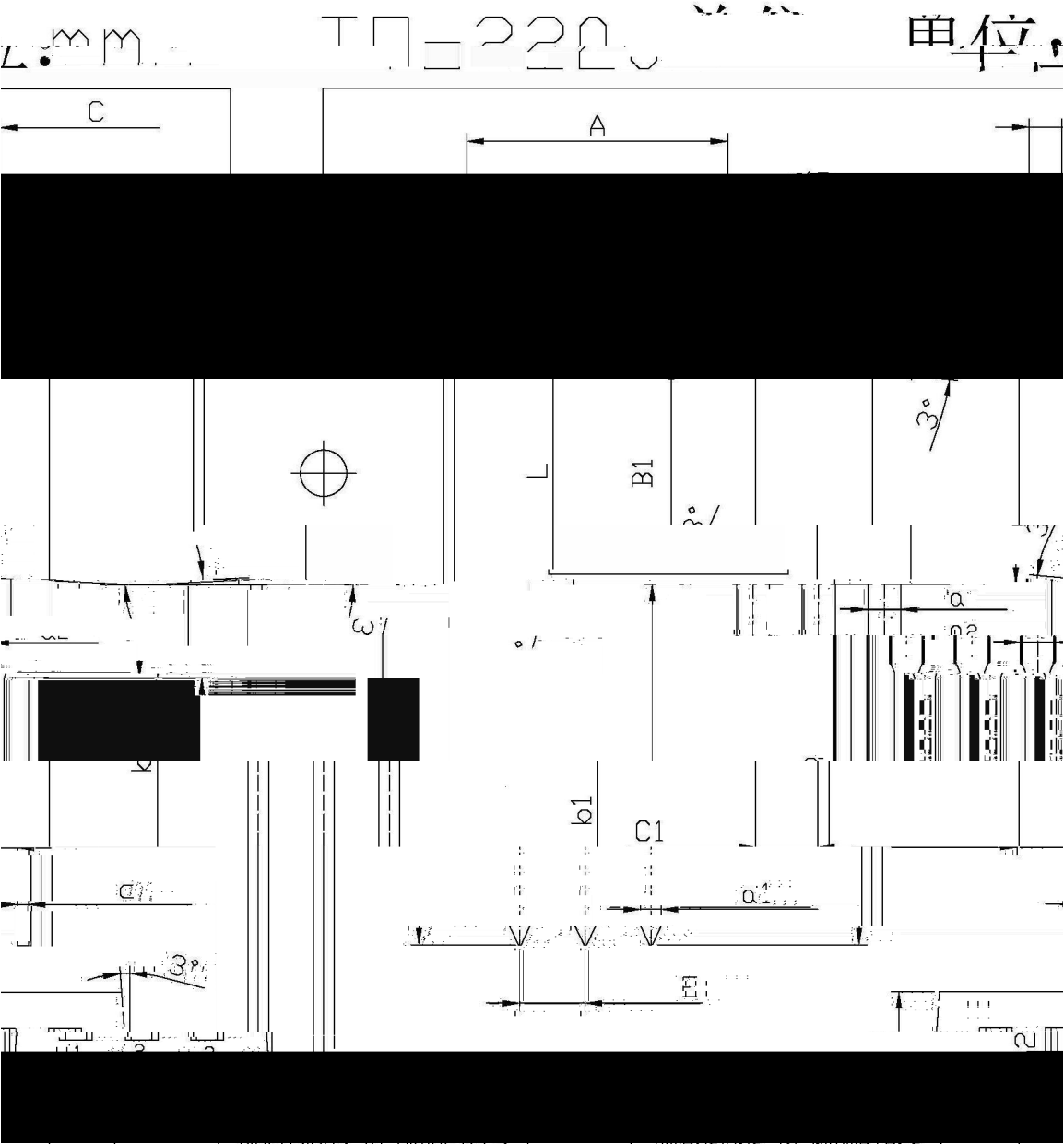
Parameter	Symbol	Rating				Unit
		TIP32	TIP32A	TIP32B	TIP32C	
Collector to Base Voltage	V_{CBO}	-40	-60	-80	-100	V
Collector to Emitter Voltage	V_{CEO}	-40	-60	-80	-100	V
Emitter to Base Voltage	V_{EBO}	-5.0				V
Collector Current-Continuous	I_C	-3.0				A
Peak Collector Current	I_{CP}	-5.0				A
Base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

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



/ Package Dimensions

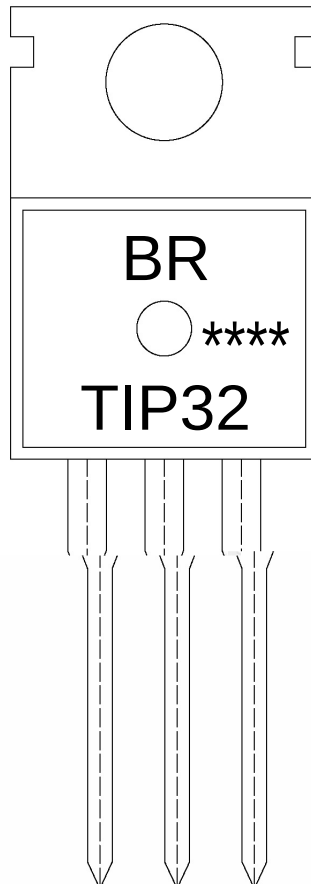


Dimensions in millimeters			Dimensions in millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	C	1.2	1.4
B1	15.7	16.1	C1	0.2	0.3

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/ Marking Instructions



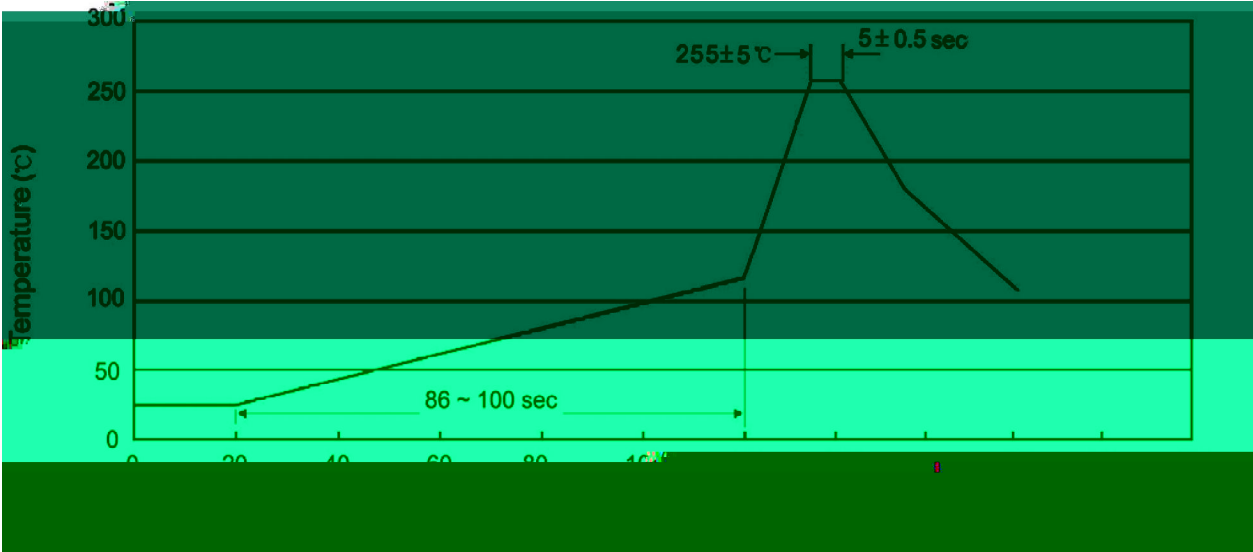
Note:

BR: Company Code

TIP32: Product Type.

****: Lot No. Code, code change with Lot No.

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



Note:
1.Preheating:25~150

1 25 150 60 90sec;