

# TIP41

Rev. H Oct.-2018

## / Descriptions

TO-220          NPN          Silicon NPN transistor in a TO-220 Plastic Package.

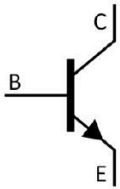
## / Features

TIP42  
Complement to TIP42.

## / Applications

Medium power linear switching applications.

## / Equivalent Circuit



## / Pinning



PIN1   Base          PIN 2   Collector          PIN 3   Emitter

## / $h_{FE}$ Classifications & Marking

See Marking Instructions.

# TIP41

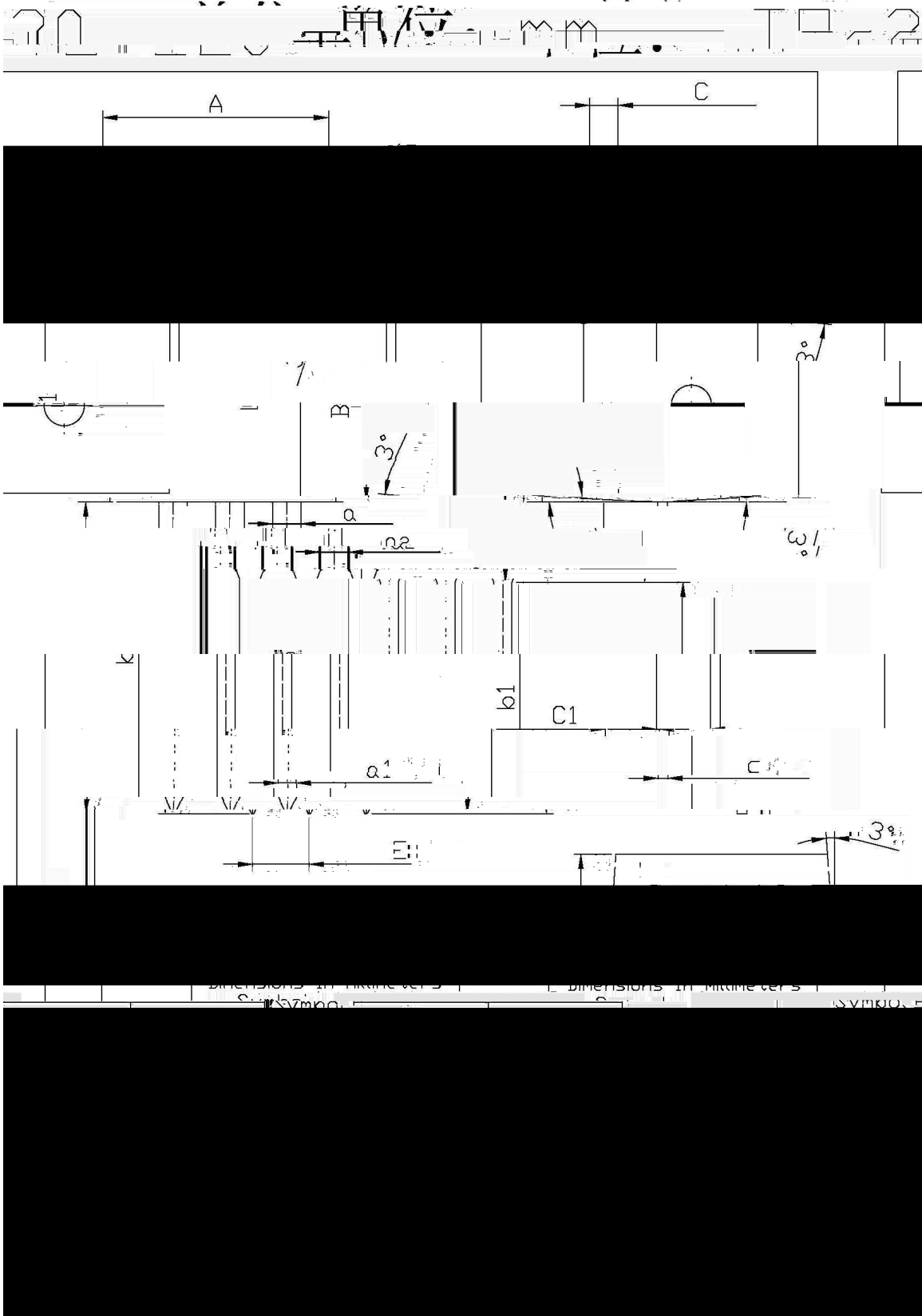
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Parameter	Symbol	Rating				Unit
		TIP41	TIP41A	TIP41B	TIP41C	
Collector to Base Voltage	$V_{CBO}$	40	60	80	100	V
Collector to Emitter Voltage	$V_{CEO}$	40	60	80	100	V
Emitter to Base Voltage	$V_{EBO}$	5				V
Collector Current - Continuous	$I_C$	6				A
Peak Collector Current	$I_{CP}$	10				A
Base Current - Continuous	$I_B$	2				A
Collector Power Dissipation	$P_C$	2				W
Collector Power Dissipation	$P_C$ ( $T_c=25$ )	65				W
Junction Temperature	$T_j$	150				
Storage Temperature Range	$T_{sag}$	-55 150				

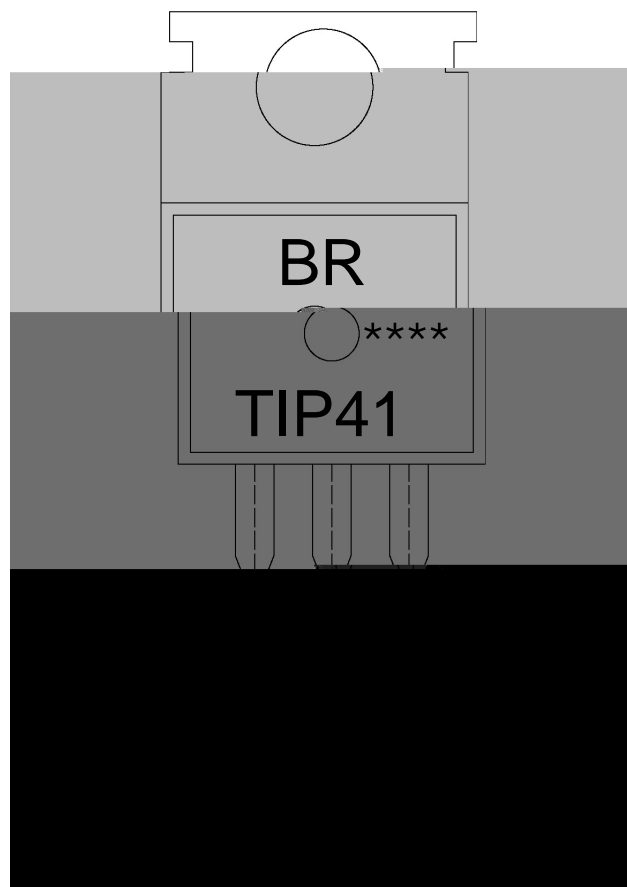
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	$V_{CEO}$	$I_C=30mA$ $I_B=0$	40			V
			60			
			80			
			100			

/ **Electrical Characteristic Curve**

/ Package Dimensions



/ Marking Instructions



BR

TIP41

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Note:

BR: Company Code

TIP41: Product Type.

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

