

**KTC3192**  
Rev.E Mar.-2016

TO-92

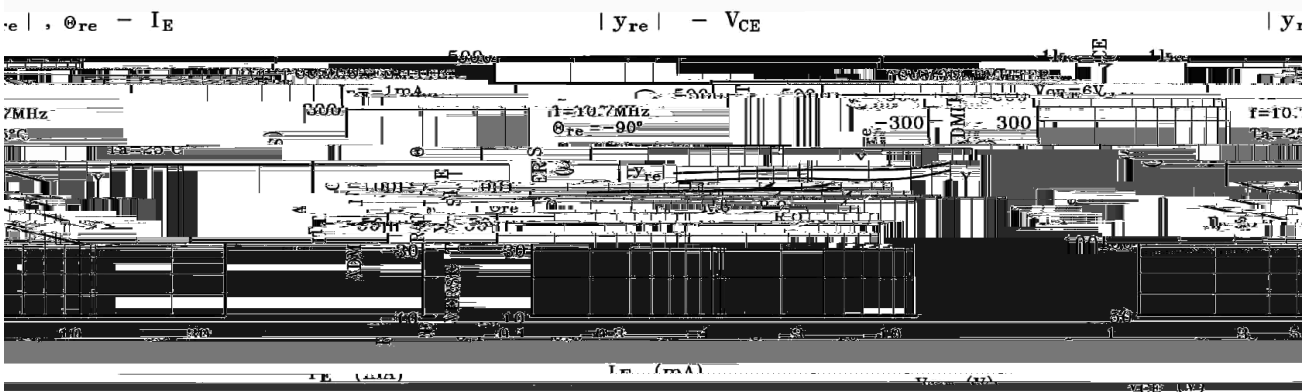
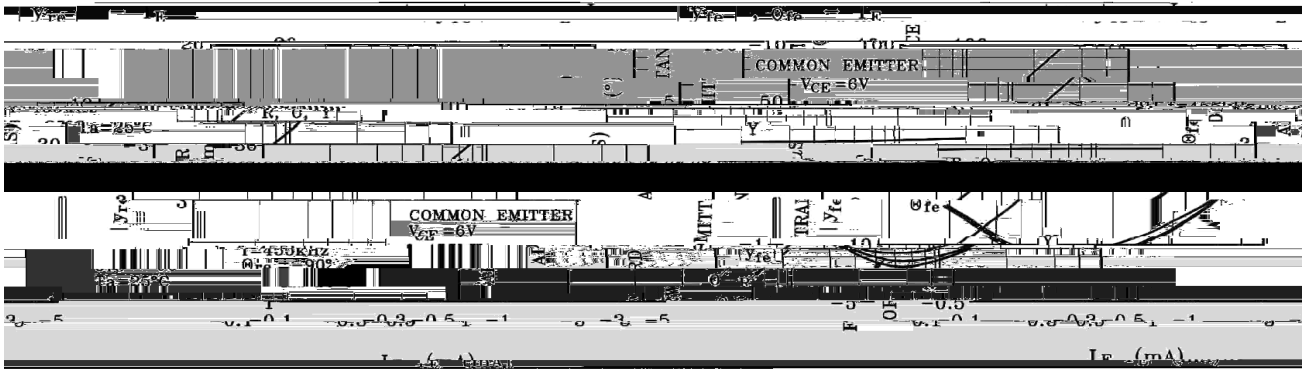
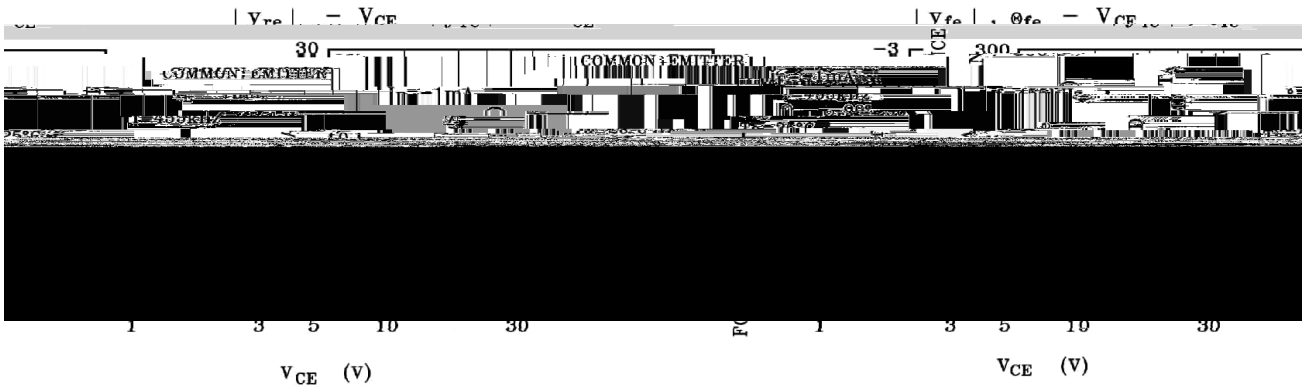
NPN

Silicon NPN transistor in a TO-92 Plastic Package.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	35	V
Collector to Emitter Voltage	$V_{CEO}$	30	V
Emitter to Base Voltage	$V_{EBO}$	4.0	V
Collector Current - Continuous	$I_C$	50	mA
Emitter Current - Continuous	$I_E$	-50	mA
Collector Power Dissipation	$P_C$	625	mW
Junction Temperature	$T_j$	150	
Storage Temperature Range	$T_{stg}$	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	$I_{CBO}$	$V_{CB}=35V$ $I_E=0$			0.1	$\mu A$
Emitter Cut-Off Current	$I_{EBO}$	$V_{EB}=4.0V$ $I_C$				

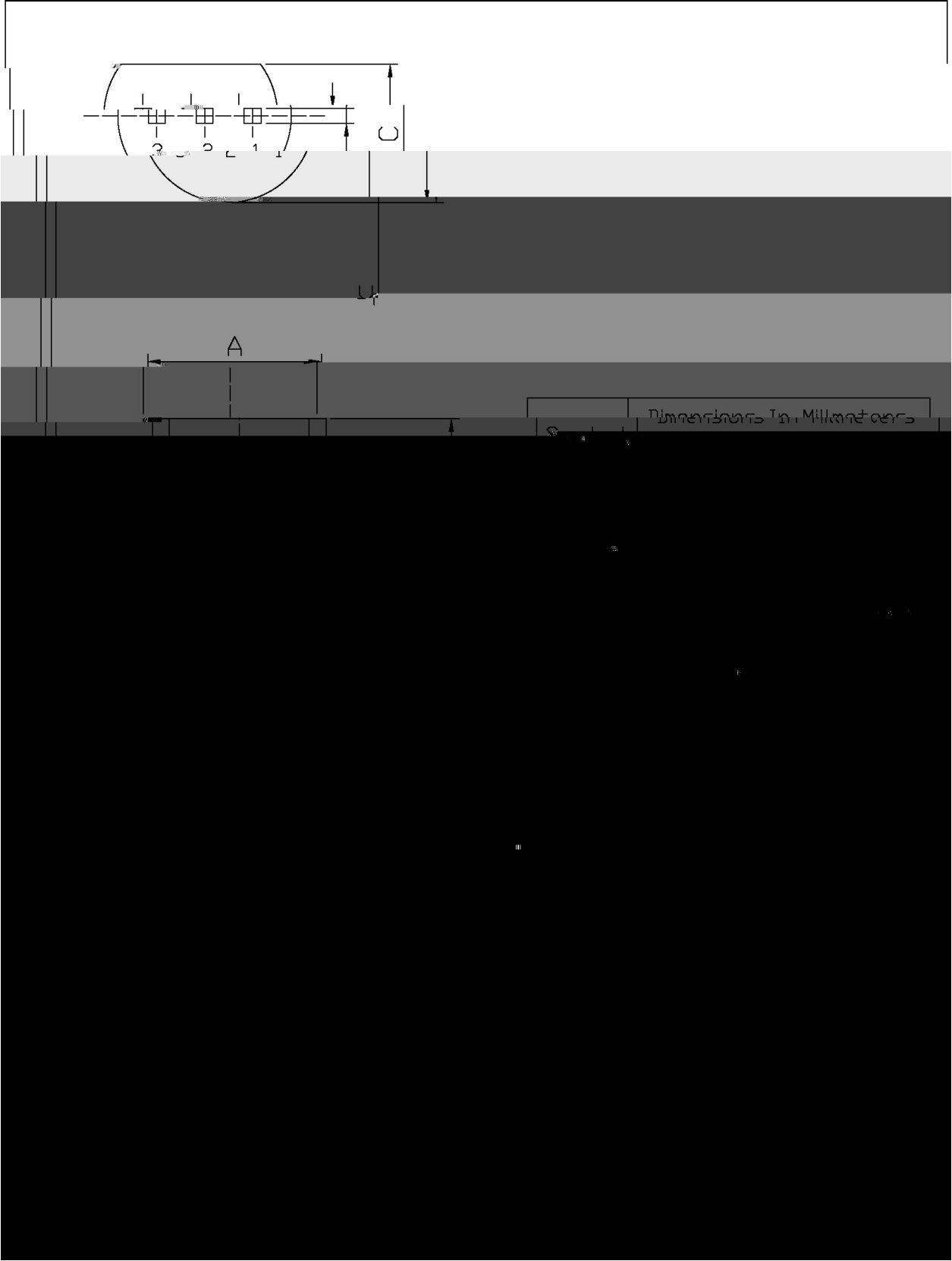
/ Electrical Characteristic Curve



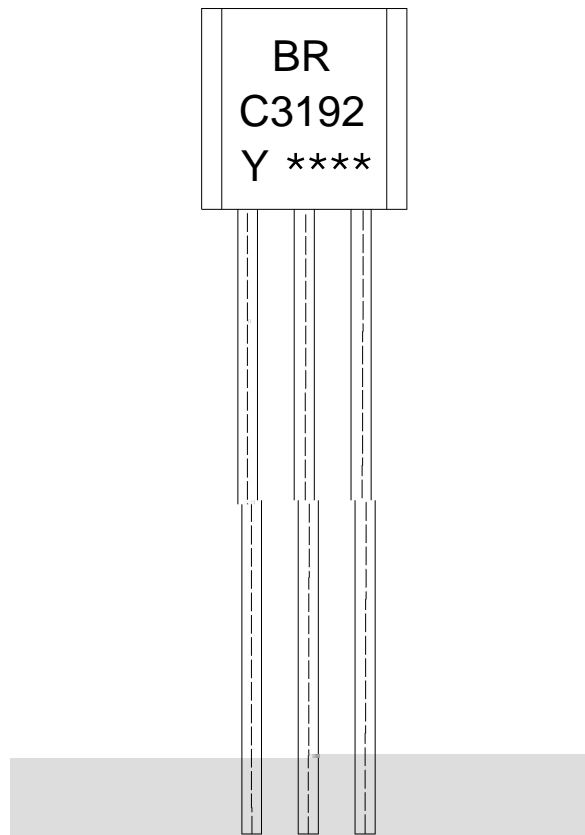
/ Package Dimensions

T0-92

Unit: mm



/ Marking Instructions



BR:

C3192

Y:  $h_{FE}$

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Note:

BR: Company Code.

C3192: Product Type.

Y:  $h_{FE}$  Classifications Symbol

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

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