

# BF421

Rev.E Mar.-2016

TO-92

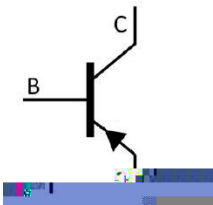
PNP

Silicon PNP transistor in a TO-92 Plastic Package.

BF420

High voltage, complementary pair with BF420.

High voltage switching and amplifier ,color TV chrome output.



PIN1 Base PIN 2

**BF421**

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Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	-300	V
Collector to Emitter Voltage	$V_{CEO}$	-300	V
Emitter to Base Voltage	$V_{EBO}$	-5.0	V
Collector Current - Continuous	$I_C$	-50	mA
Peak Collector Current	$I_{CM}$	-100	mA
Collector Power Dissipation	$P_C$	830	mW
Peak Base Current	$I_{BM}$	-50	mA
Junction Temperature	$T_j$	150	
Storage Temperature Range	$T_{stg}$	-55 150	

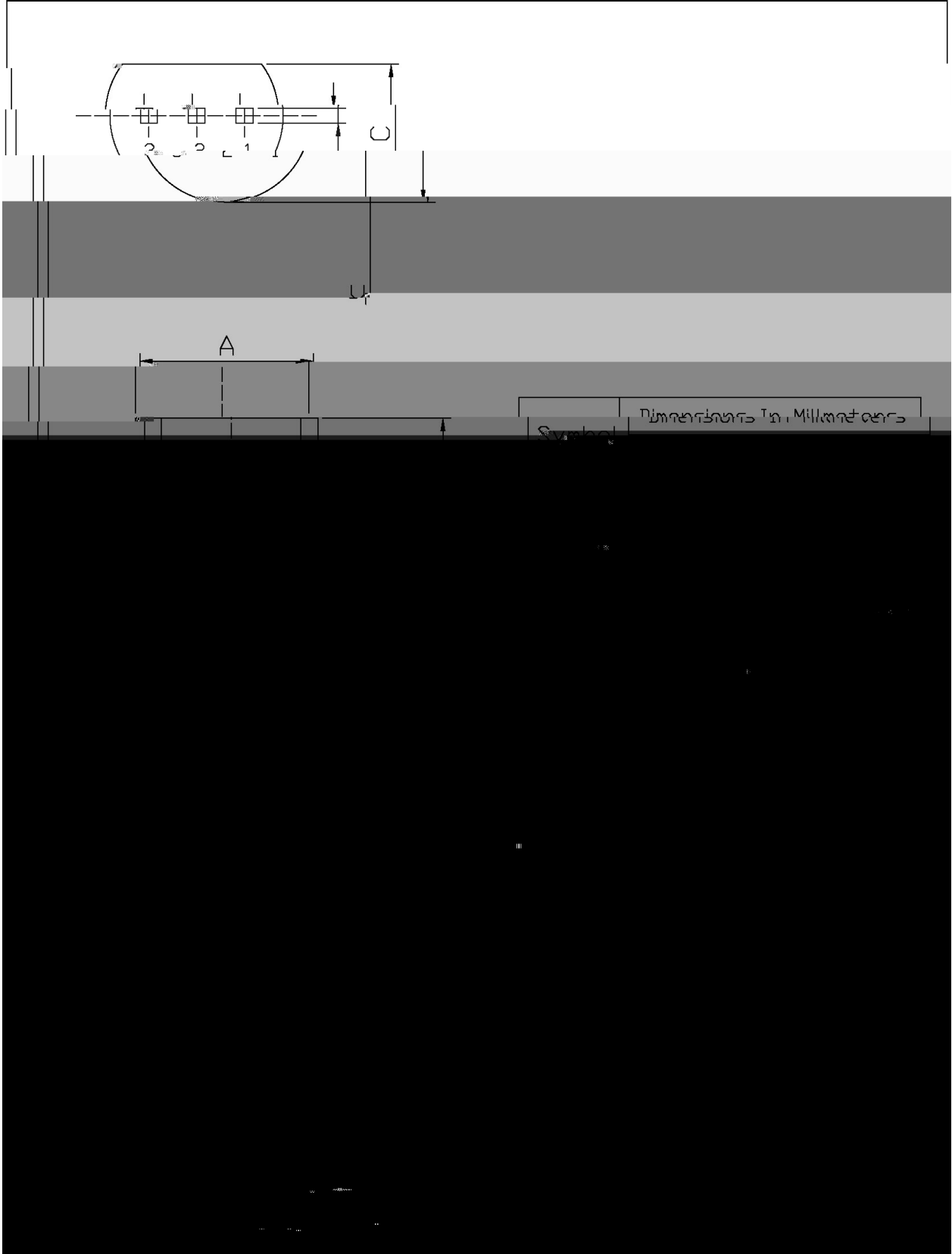
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-off Current	$I_{CBO}$	$V_{CB}=-200V$ $I_E=0$			-0.01	$\mu A$

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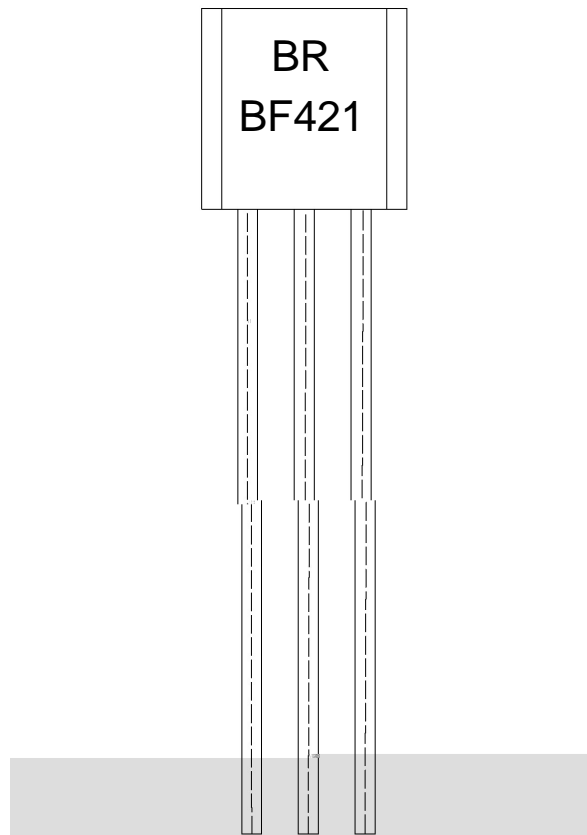
/ Package Dimensions

TO-92

Unit: mm



**/ Marking Instructions**



BR:

BF421

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Note:

BR:           Company Code.

BF421:       Product Type.

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

