

Silicon NPN transistor in a TO-92 Plastic Package.

High f_T , low output capacitance, low base time constant and high gain, excellent noise characteristics.

FM radio RF amplifier applications.

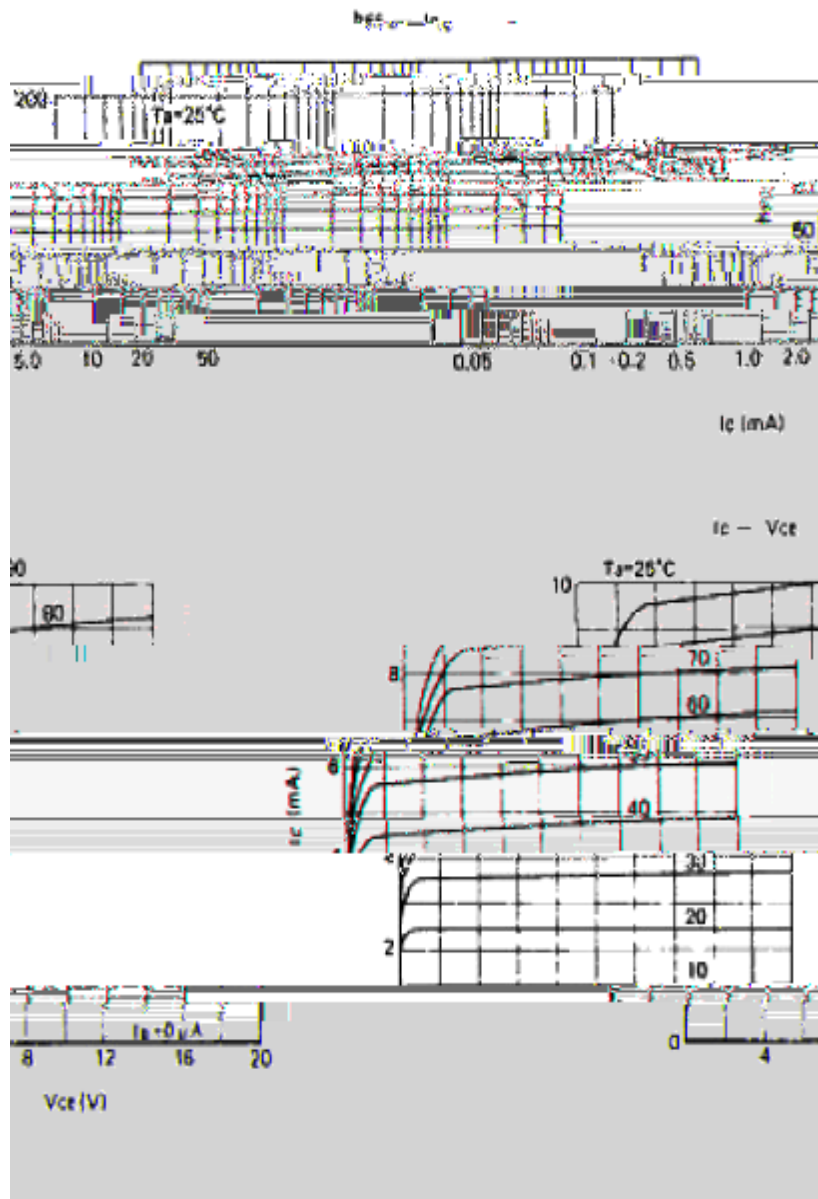


PIN1

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	25	V
Collector to Emitter Voltage	V_{CEO}	20	V
Emitter to Base Voltage	V_{EBO}	4.0	V
Collector Current - Continuous	I_C	20	mA
Collector Power Dissipation	P_C	150	mW
Junction Temperature	T_J	150	
Storage Temperature Range	T_{stg}	-55 150	

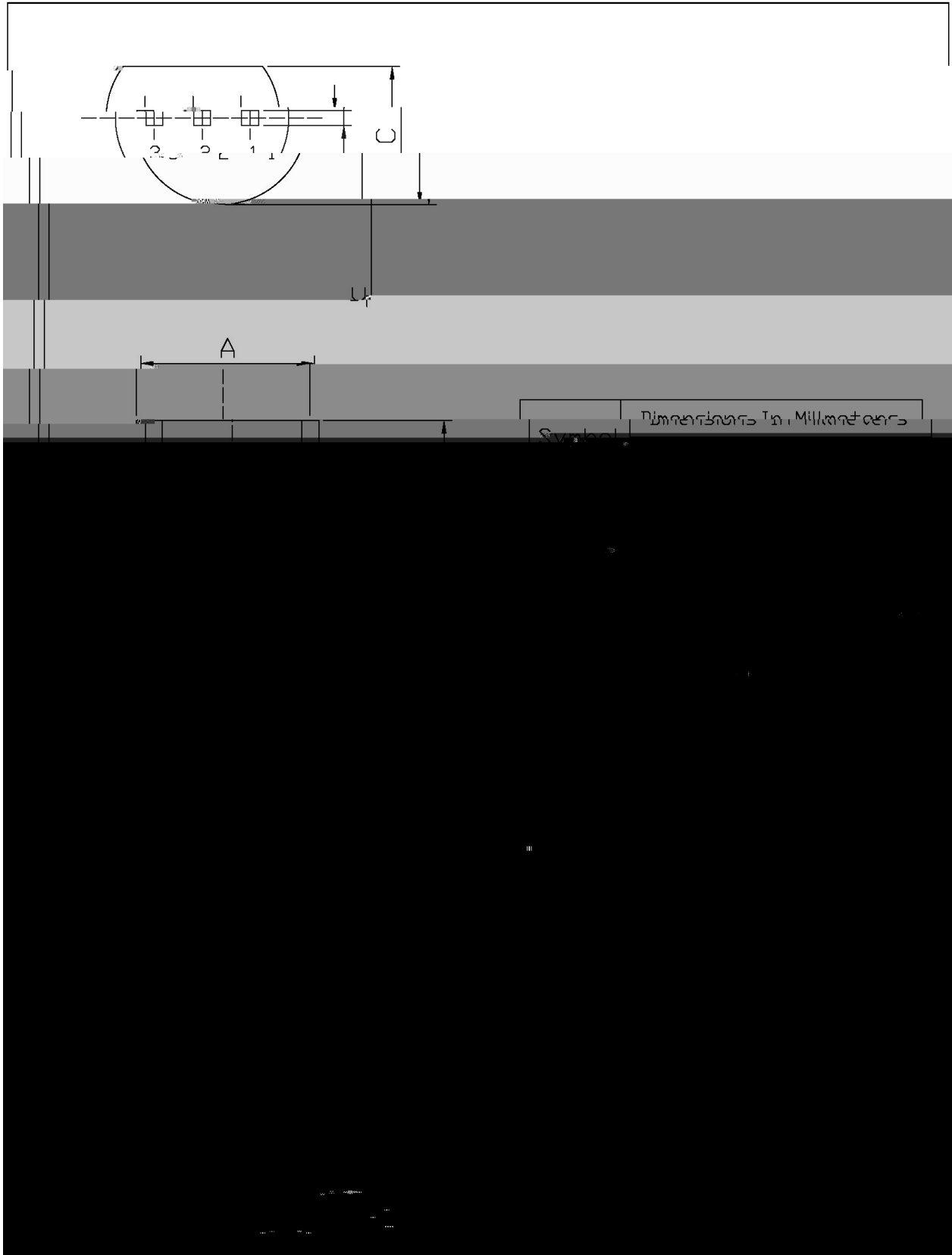
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	$I_C=10\text{ A}$	25			V
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C=1.0\text{mA}$	20			V
Emitter to Base Breakdown Voltage	V_{EBO}	$I_E=10\text{ A}$	4.0			V

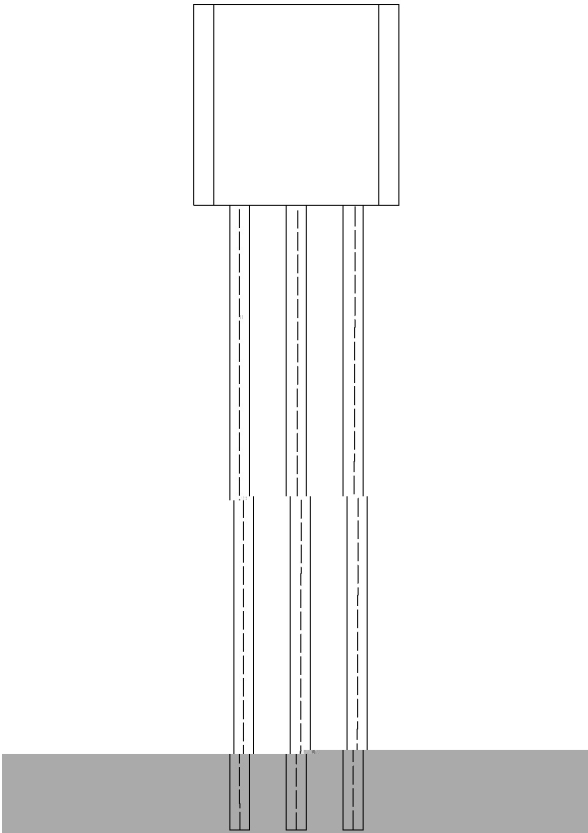
Collector Cut-Off Current I_{CO} () $V_{CE}=20\text{V}$ $T_J=25^\circ\text{C}$ 0.1mA

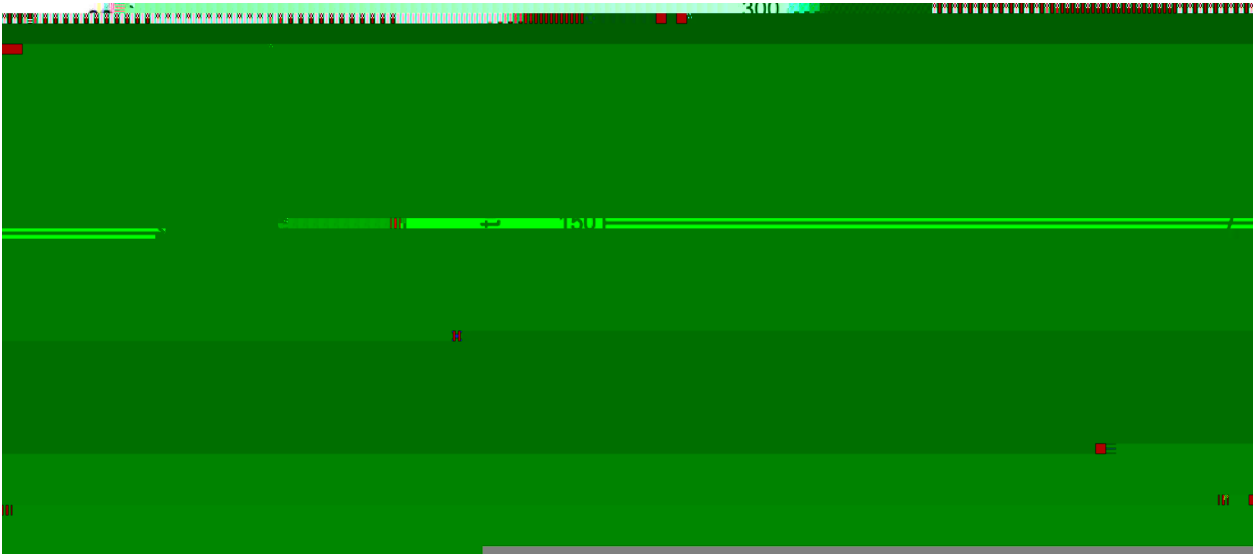


T0-92

Unit: mm







- 1

25 150

60 90sec;

2

255 5

5 0.5sec;

3

2 10

/sec.
- Note:

1.Preheating:25~150 , Time:60~90sec.

2.Peak Temp.:255 5 , Duration:5 0.5sec.

3. Cooling Speed: 2~10 /sec.

270 5

10 1 sec.

Temp:270±5

Time:10±1 sec

/ BULK

Package Type 封装形式	Units 包装数量	Dimension 包装尺寸 (unit: mm3)
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