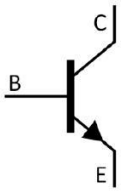
TO-92 NPN Silicon NPN transistor in a TO-92 Plastic Package.

KTA1271
Complementary to KTA1271.

High current application.

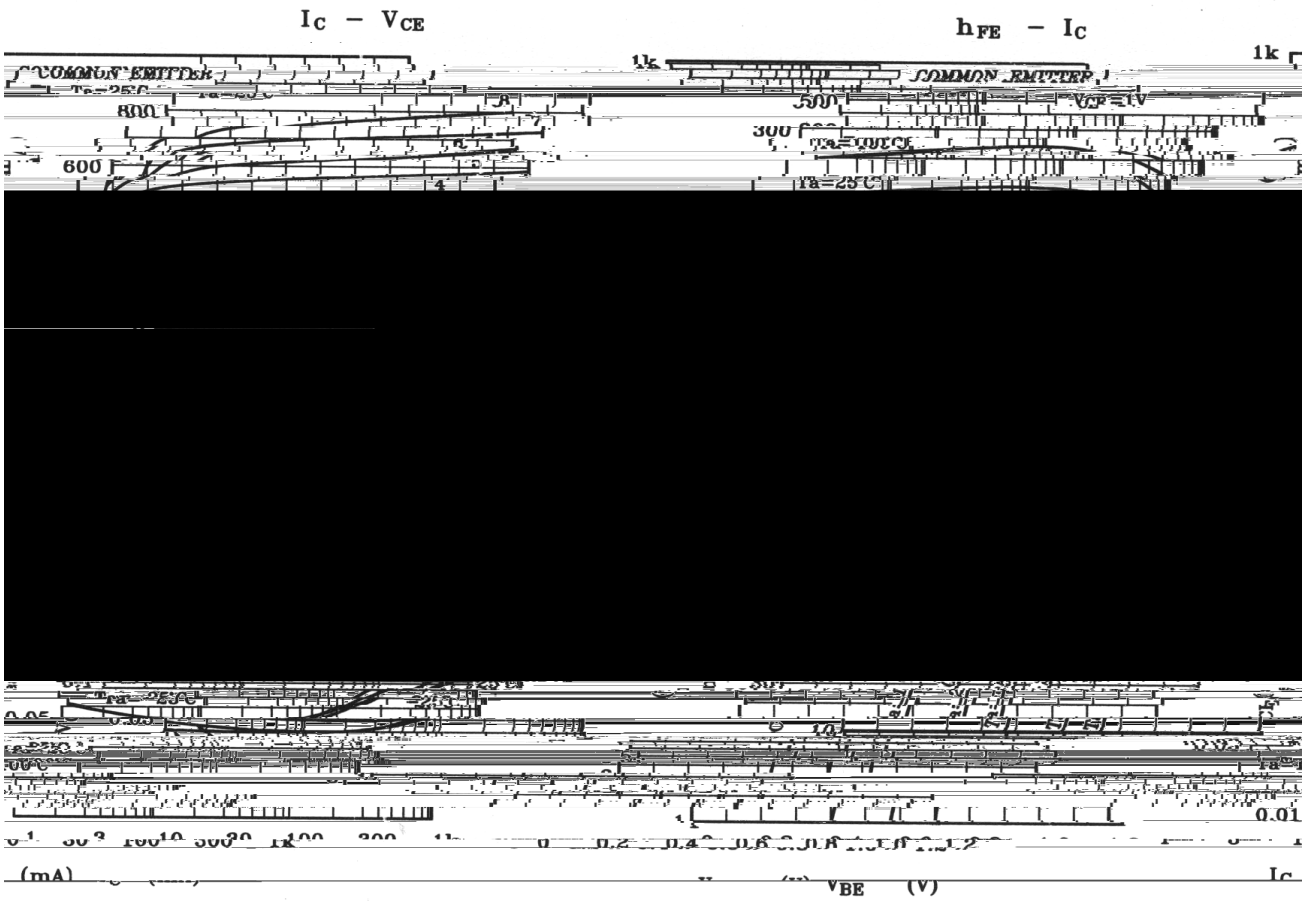


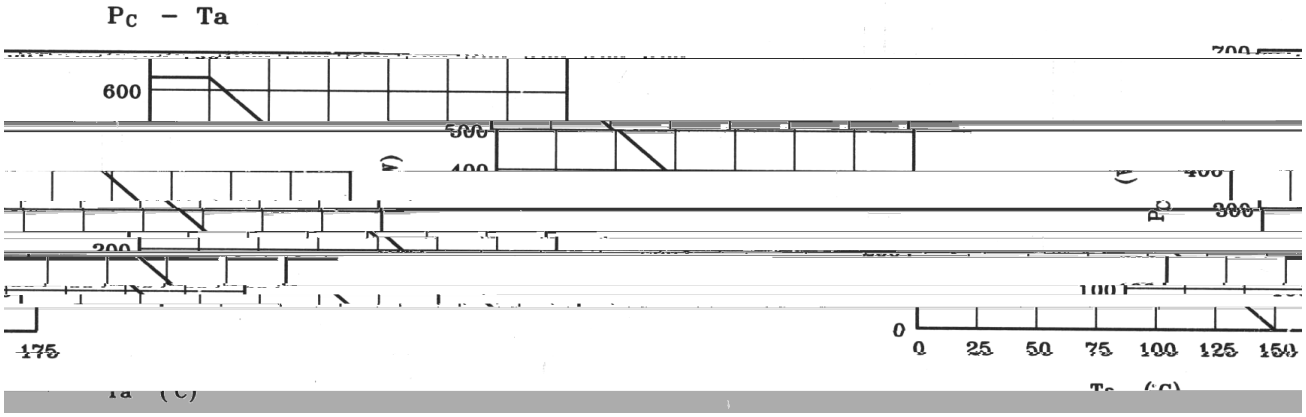
PIN1 Base PIN 2 Collector PIN 3 Emitter

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}	5.0	V
Collector Current - Continuous	I_C	800	mA
Emitter Current - Continuous	I_E	-800	mA
Collector Power Dissipation	P_C	625	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

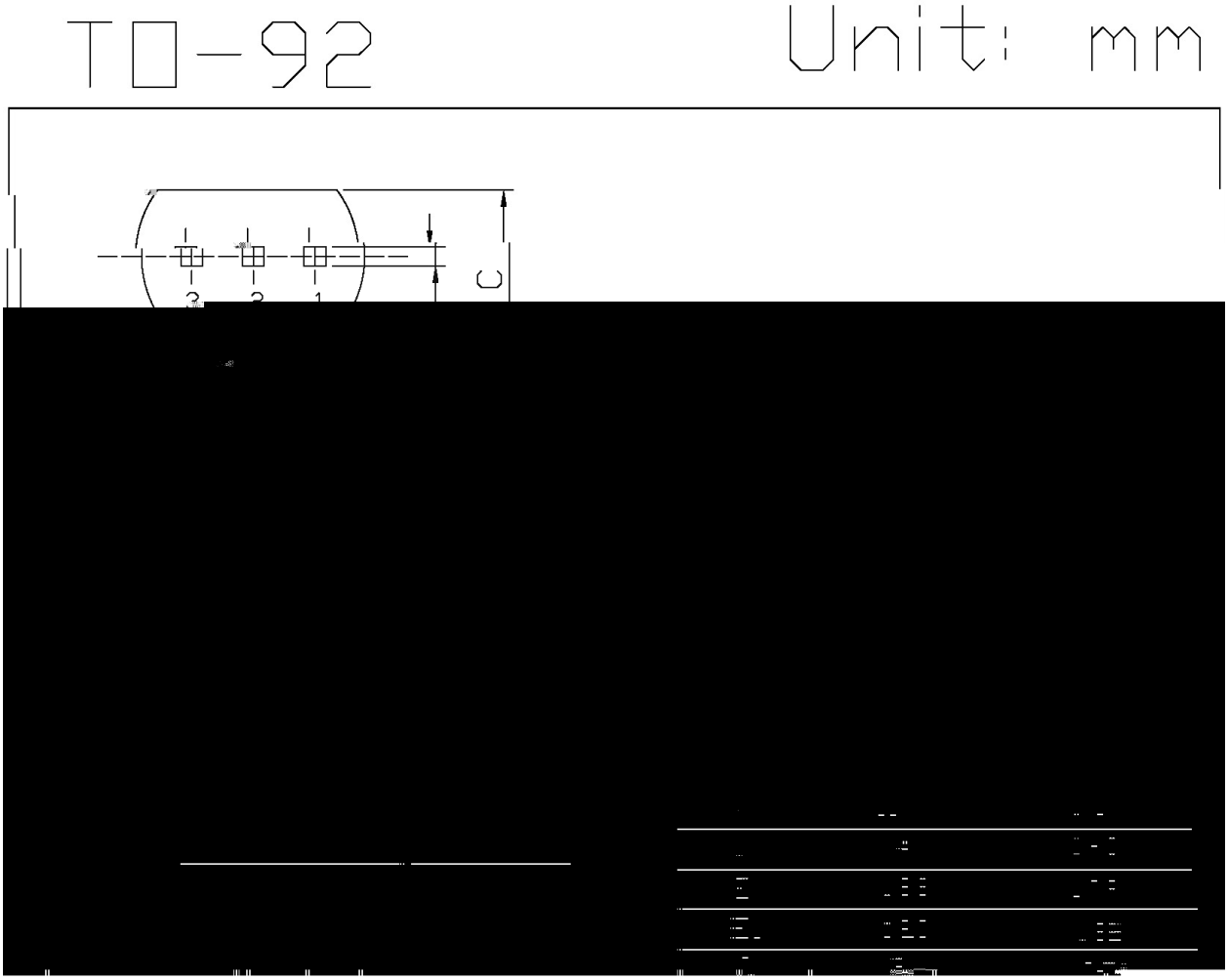
Parameter	Symbol	Test Conditions	Min

/ Electrical Characteristic Curve

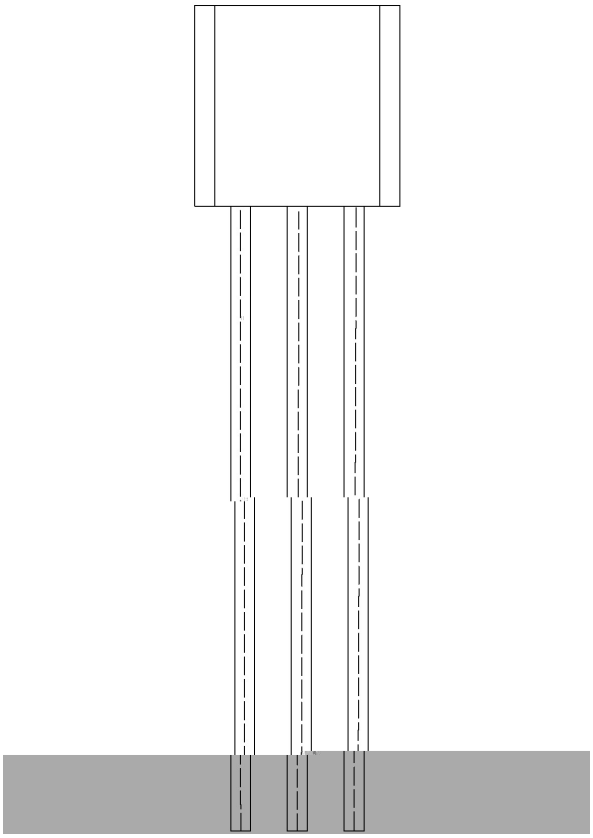




/ Package Dimensions



/ Marking Instructions



BR:

C3203

O: h_{FE}

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Note:

BR: Company Code.

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

					Note:
1	25	150		60 90sec;	1.Preheating:25~150 , Time:60~90sec.
2	255±5			5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.
3			2 10	/sec.	3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

270±5	10±1 sec.	Temp:270±5	Time:10±1 sec

/ Packaging SPEC.

/ BULK

PackagD0.0.3(TD-0-82j/TT₹ -1.71ons)7.3( )]T