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

h_{FE}

High breakdown voltage, excellent linearity of h_{FE} and small Cob, fast switching speed.

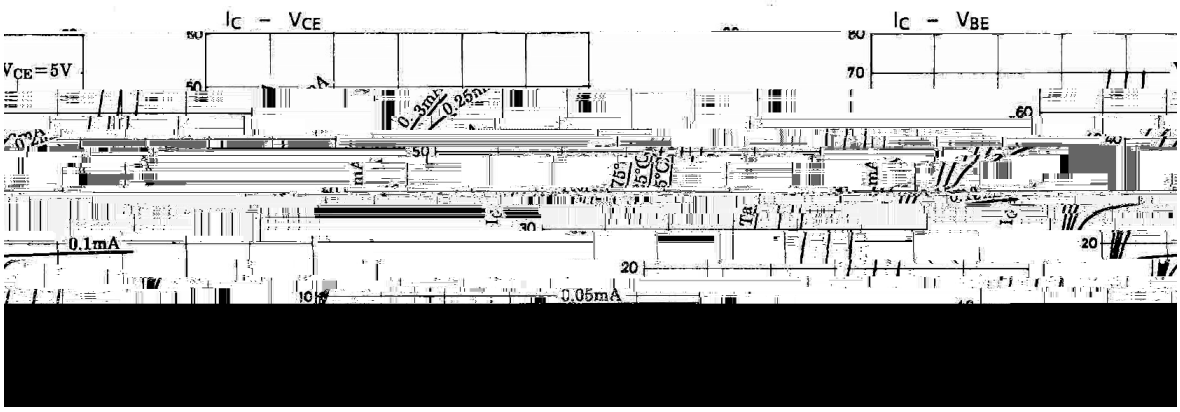
60

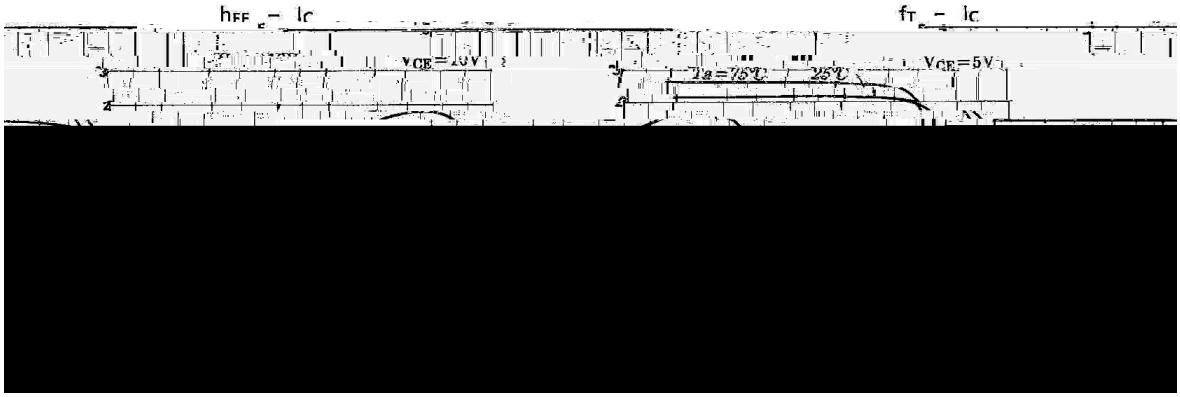
High voltage switching. AF 60W pre-driver applications.

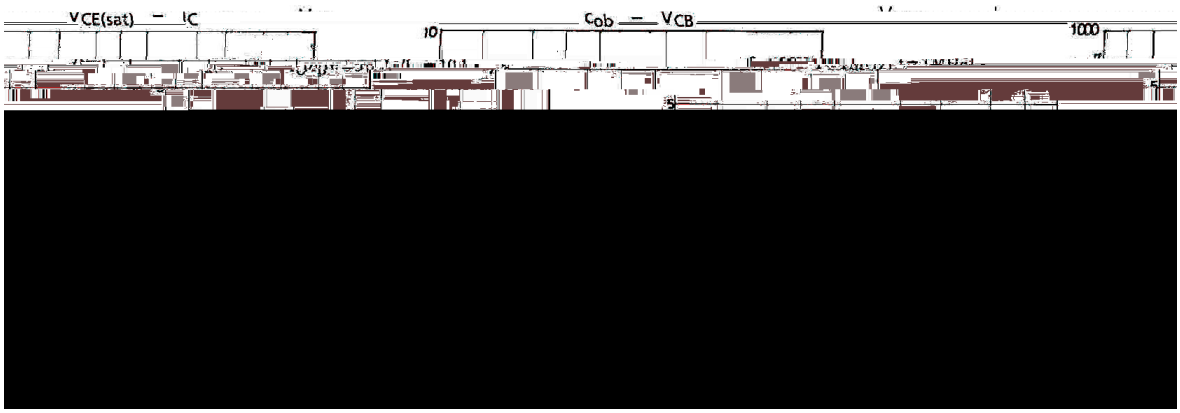


PIN1 Base PIN 2

/ Electrical Characteristic Curve

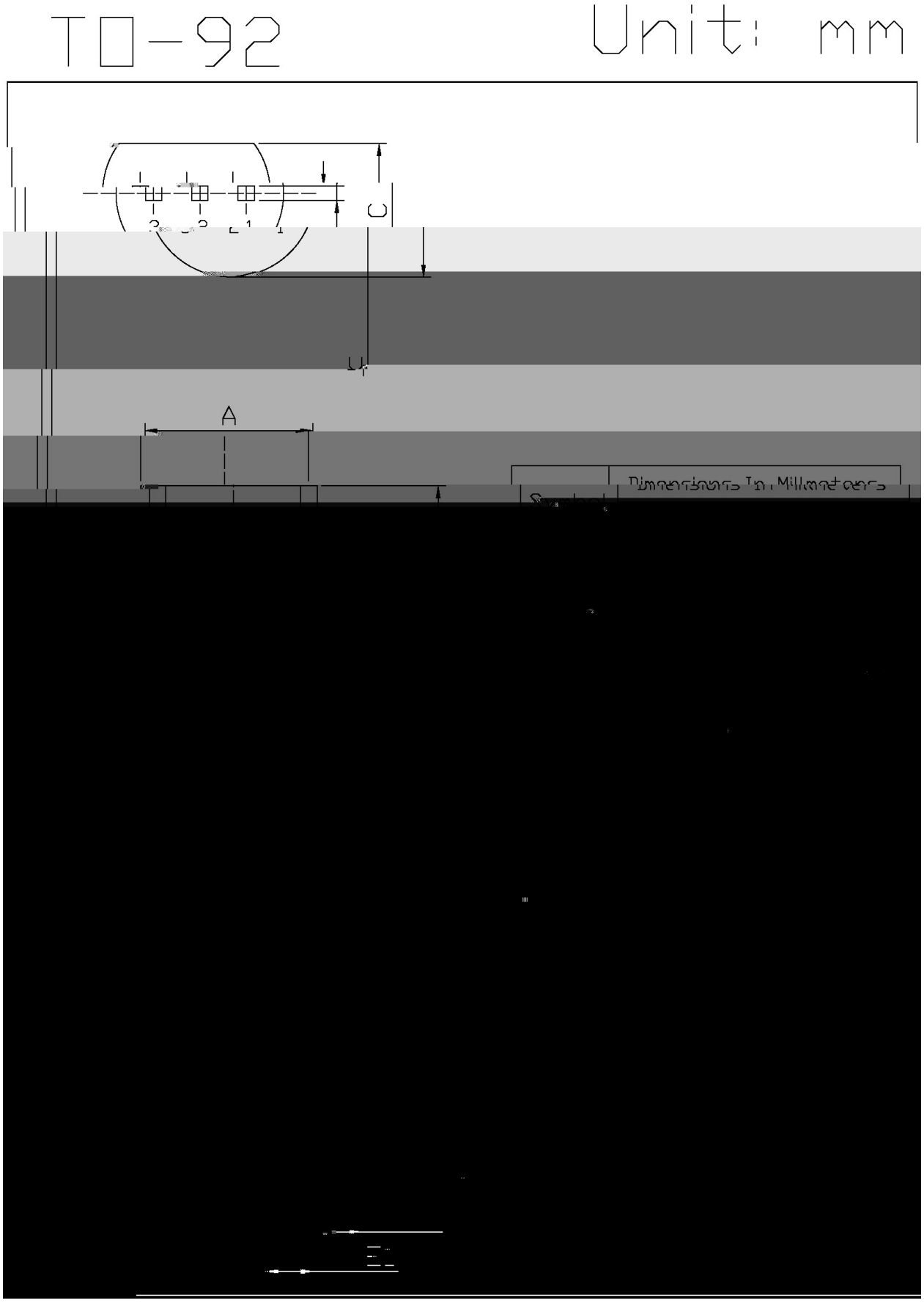




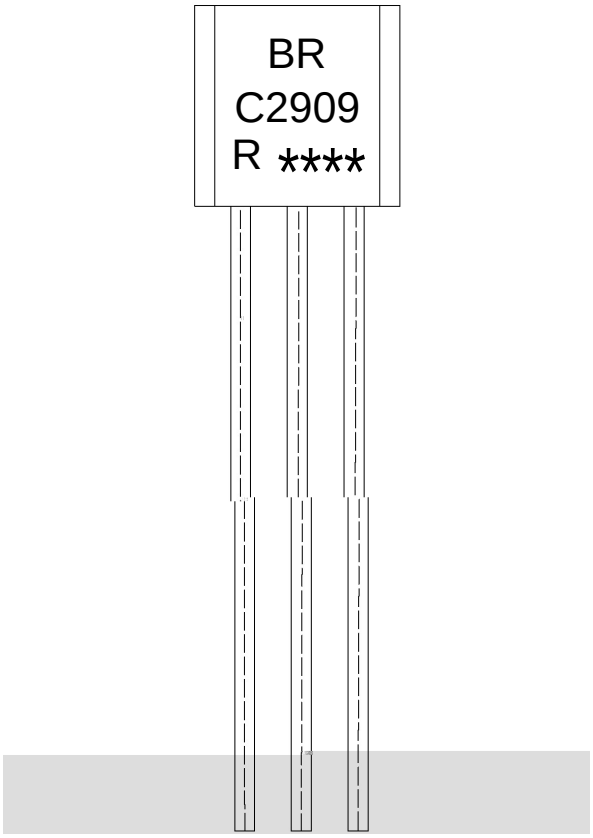




/ PackageDimensions



/ Marking Instructions



BR:

C2909

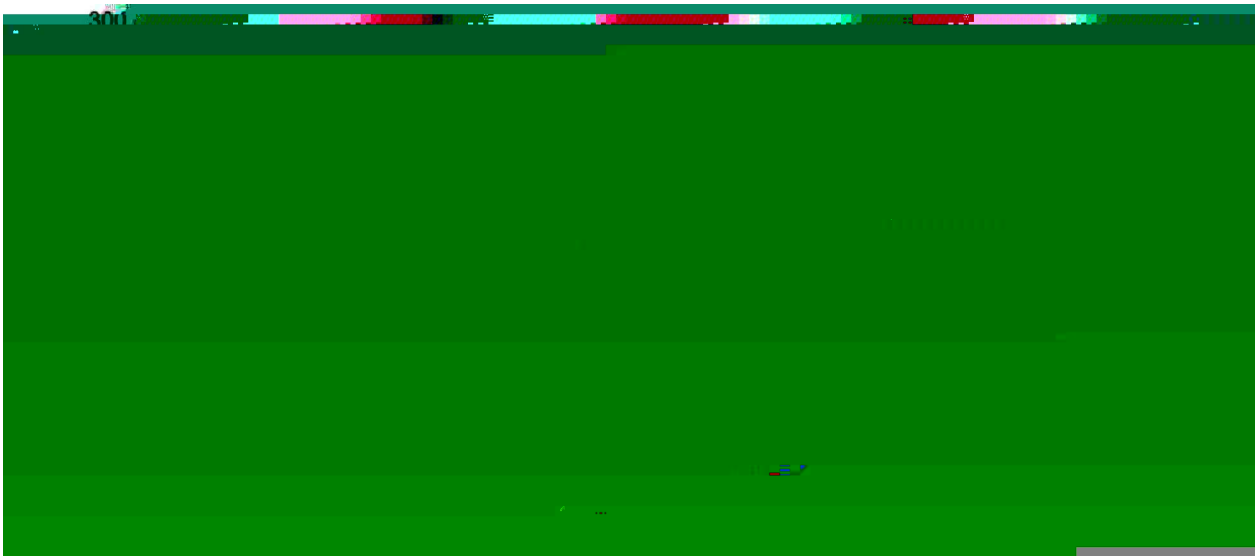
R: h_{FE}

****

Note:

BR:	Company Code.
C2909:	Product Type.
R:	h_{FE} Classifications Symbol.
****:	Lot No. Code,code change with Lot No.

( ) / 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

Package Type	Units	Dimension	(unit mm3)