

**/ Descriptions**

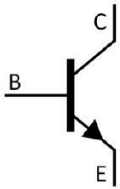
TO-220F          NPN

**/ Features**

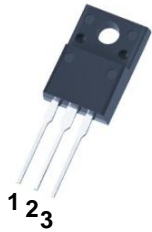
, $P_C=30W$ ,

**/ Applications**

**/ Equivalent Circuit**



**/ Pinning**



**/  $h_{FE}$  Classifications & Marking**

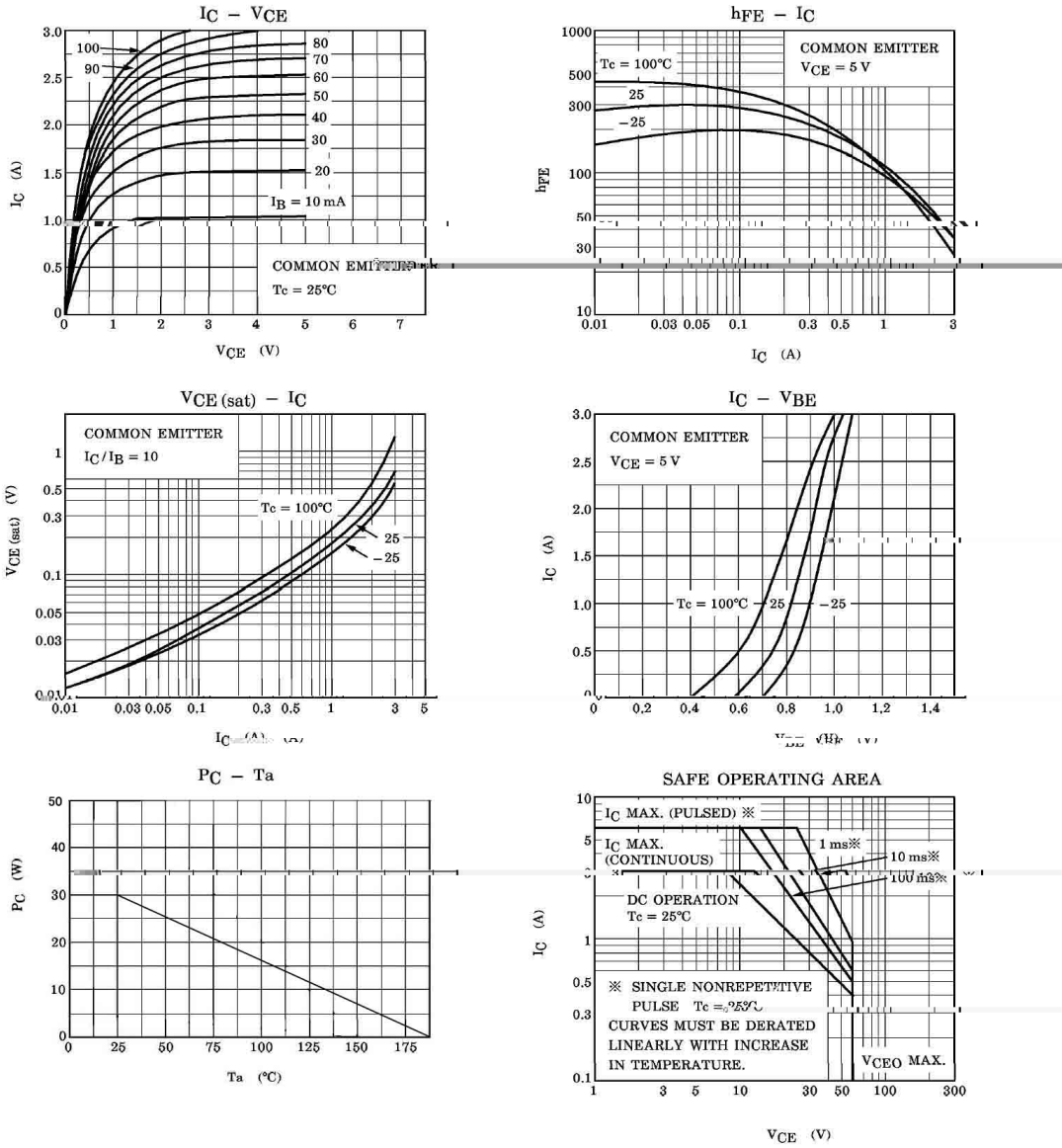

**/ Absolute Maximum Ratings(Ta=25 )**

		°C	
			°C
			°C

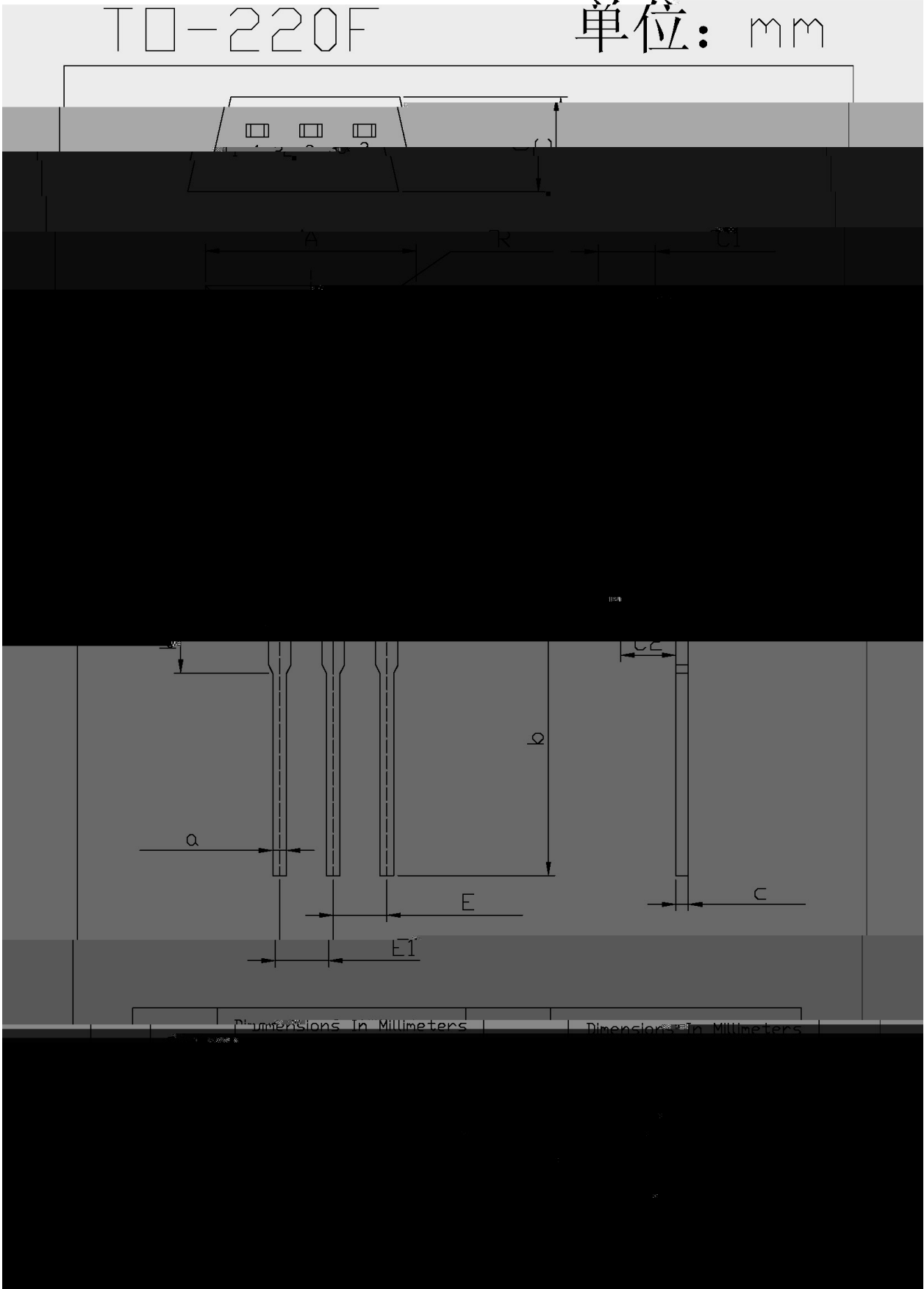
**/ Electrical Characteristics(Ta=25 )**

		μ				
		μ				
						μ
						μ

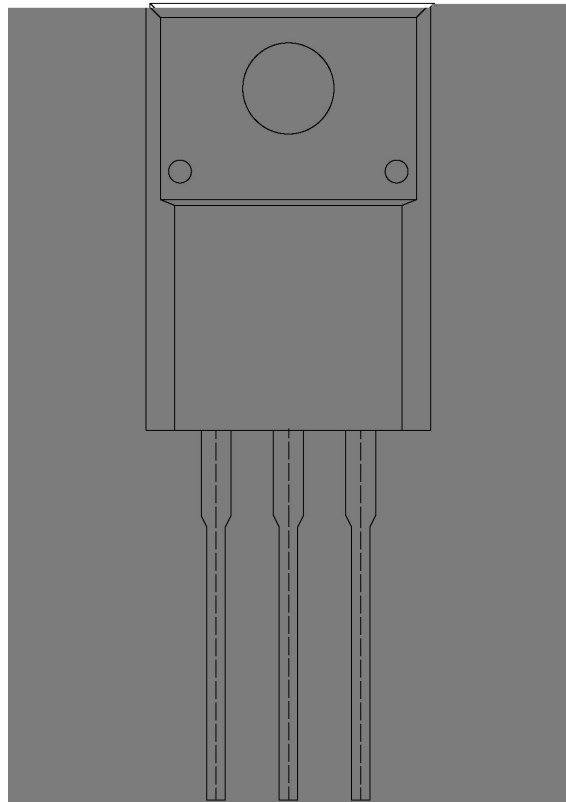
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

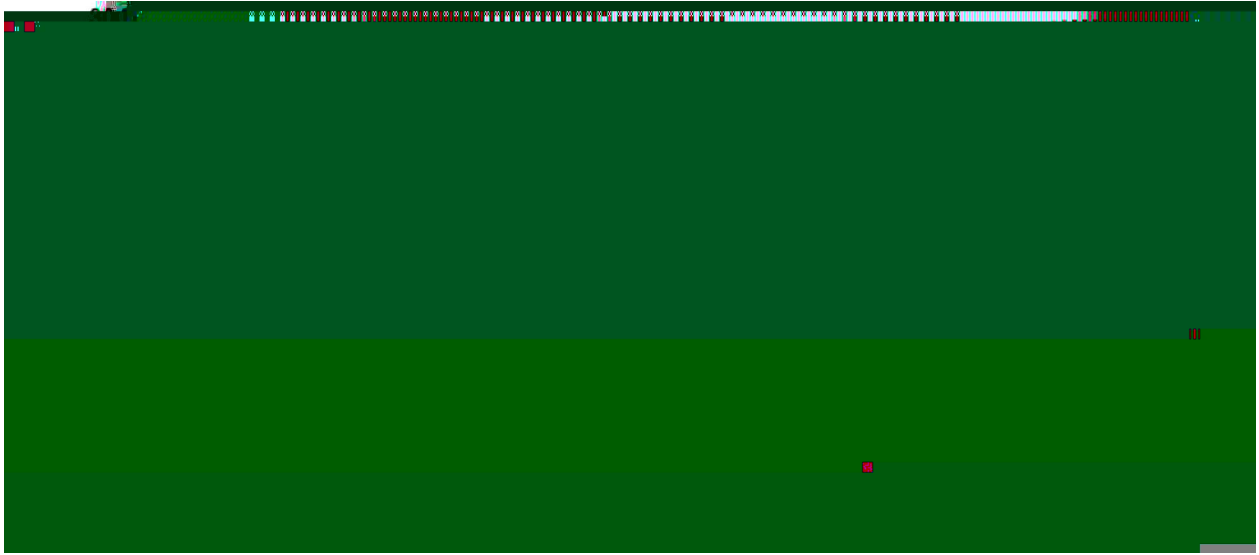
D 2061

E:

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$h_{FE}$

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



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± °C

/ Packaging SPEC.
