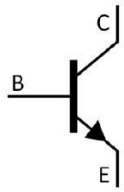
/ Descriptions

/ Features

/ Applications

/ Equivalent Circuit



/ Pinning

/ h_{FE} Classifications & Marking

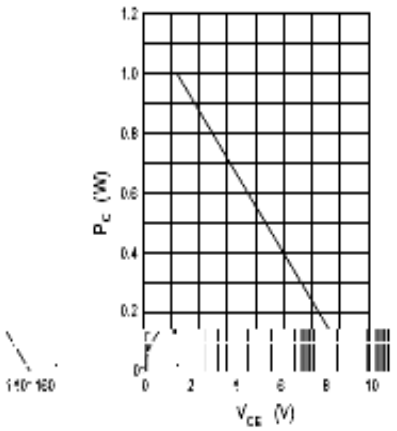
/ Absolute Maximum Ratings(Ta=25)

/ Electrical Characteristics(Ta=25)

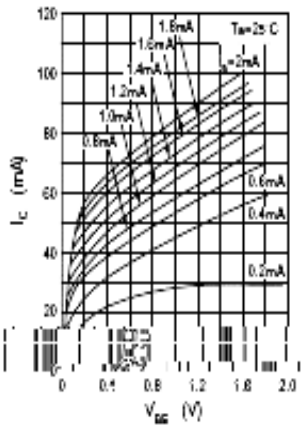
		μ				
		μ				
						μ
		μ				

/ Electrical Characteristic Curve

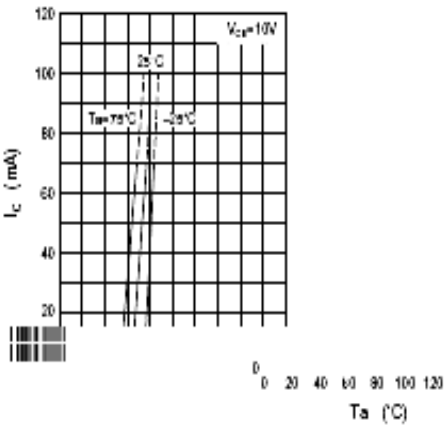
$P_C - Ta$



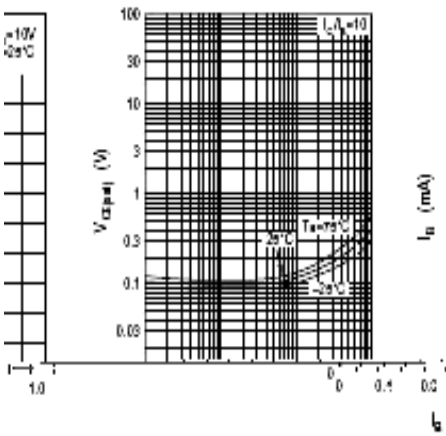
$I_C - V_{CE}$



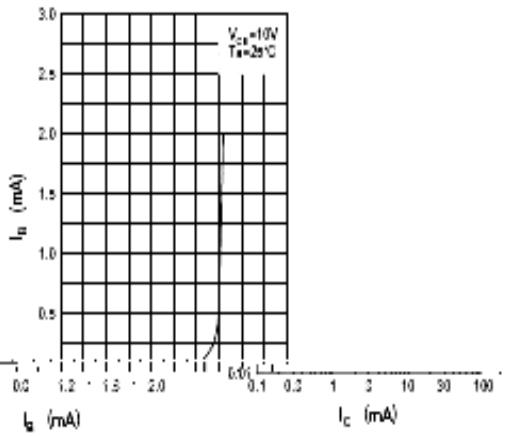
$I_C - V_{BE}$



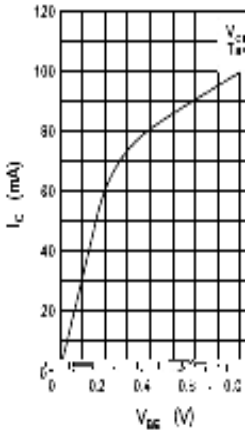
$V_{CE(sat)} - I_C$



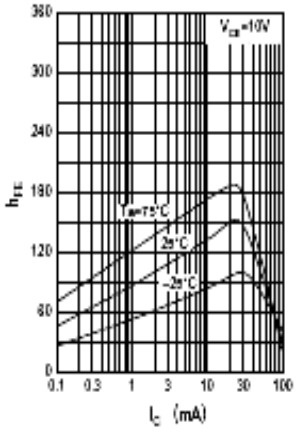
$I_B - V_{BE}$



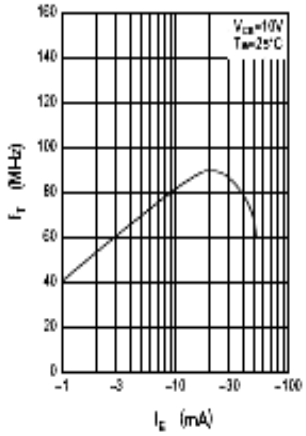
$I_C - I_B$



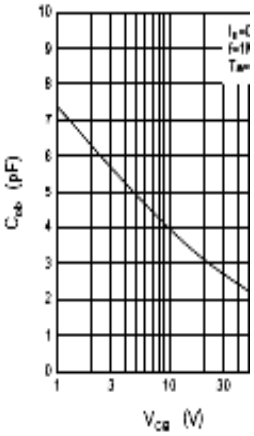
$h_{FE} - I_C$



$f_T - I_E$

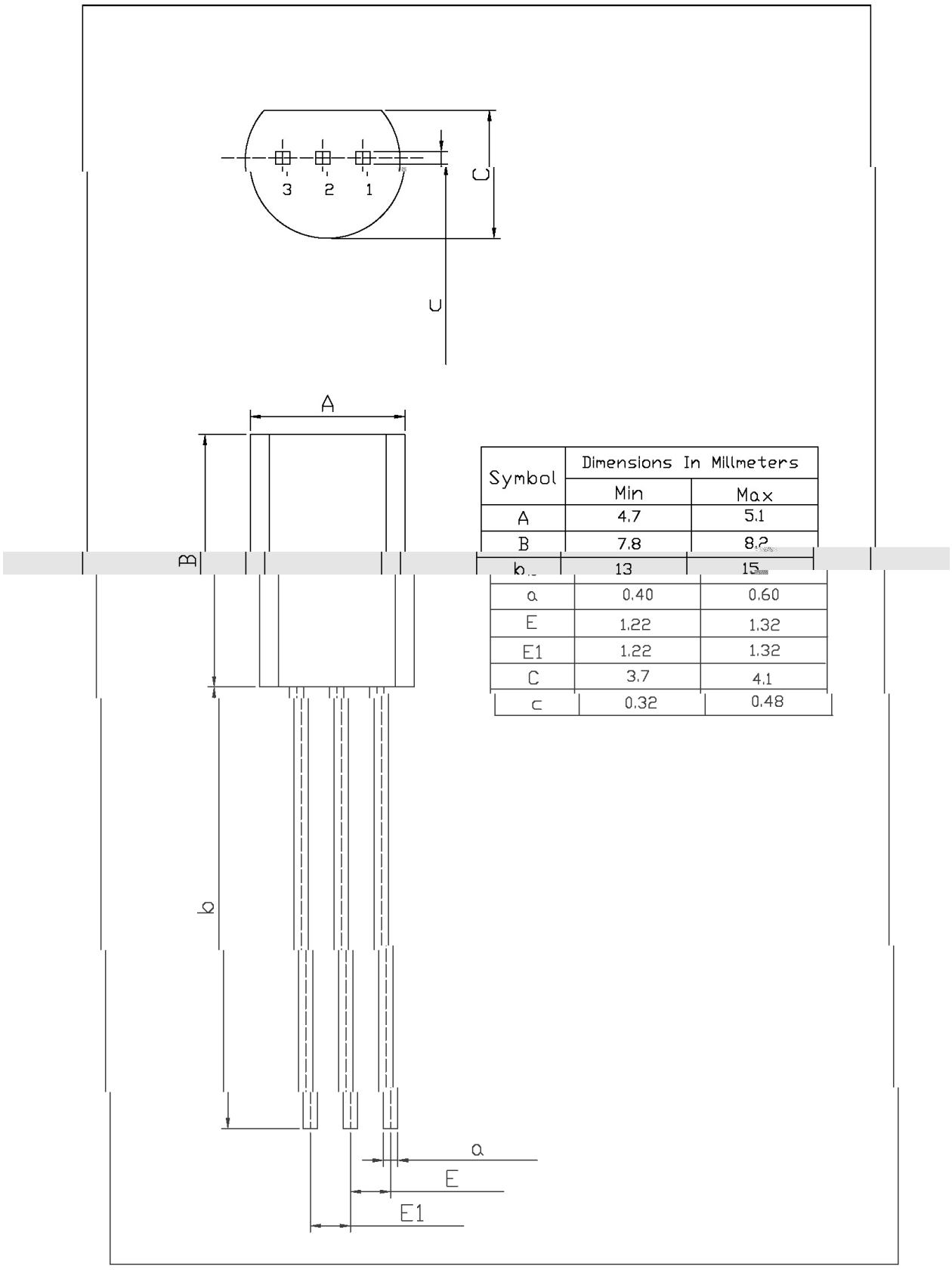


$C_{ob} - V_{CB}$



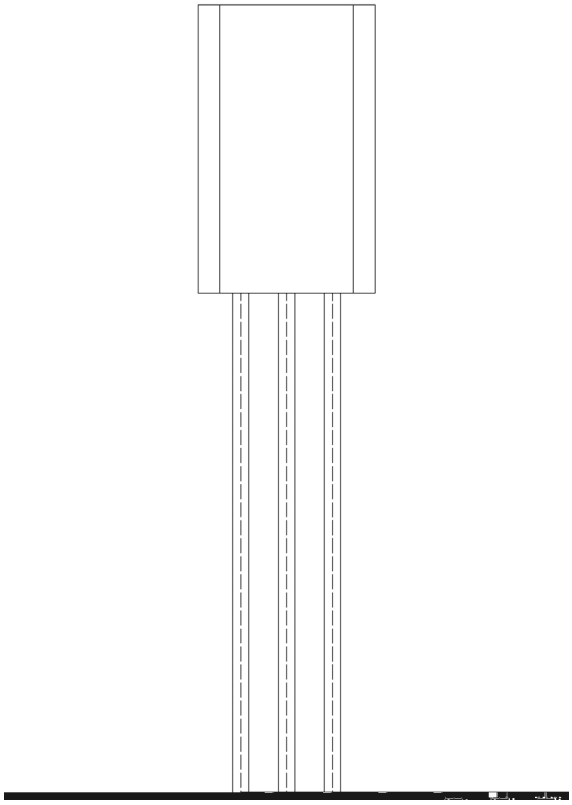
/ Package Dimensions

TO-92LM Unit: mm



Symbol	Dimensions In Millmeters	
	Min	Max
A	4.7	5.1
B	7.8	8.2
b	13	15
a	0.40	0.60
E	1.22	1.32
E1	1.22	1.32
C	3.7	4.1
c	0.32	0.48

/ Marking Instructions



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

/ Resistance to Soldering Heat Test Conditions

/ Packaging SPEC.