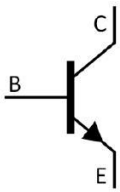


KTC3190

TO-92

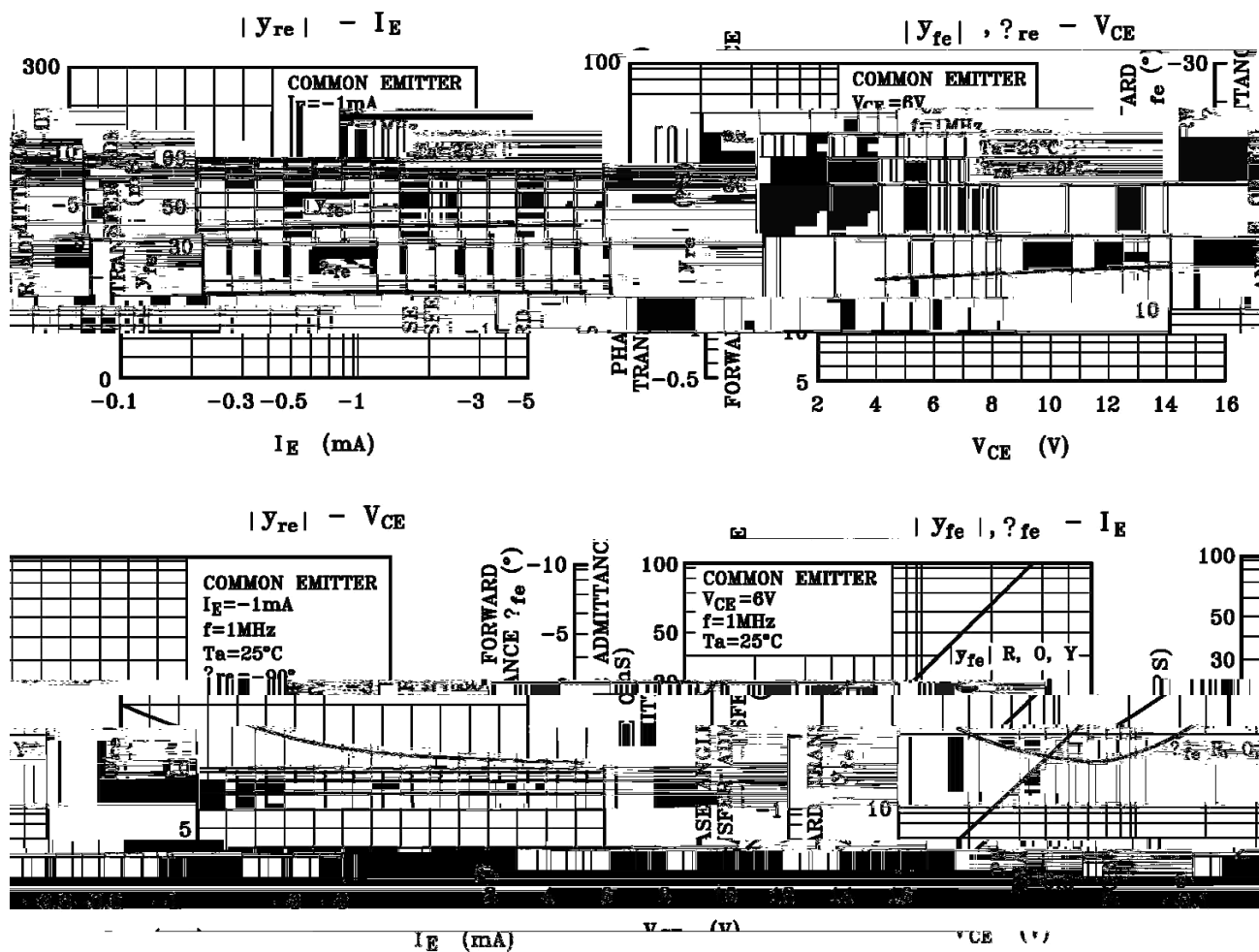
NPN



/ Absolute Maximum Ratings(Ta=25)

/ Electrical Characteristics(Ta=25)

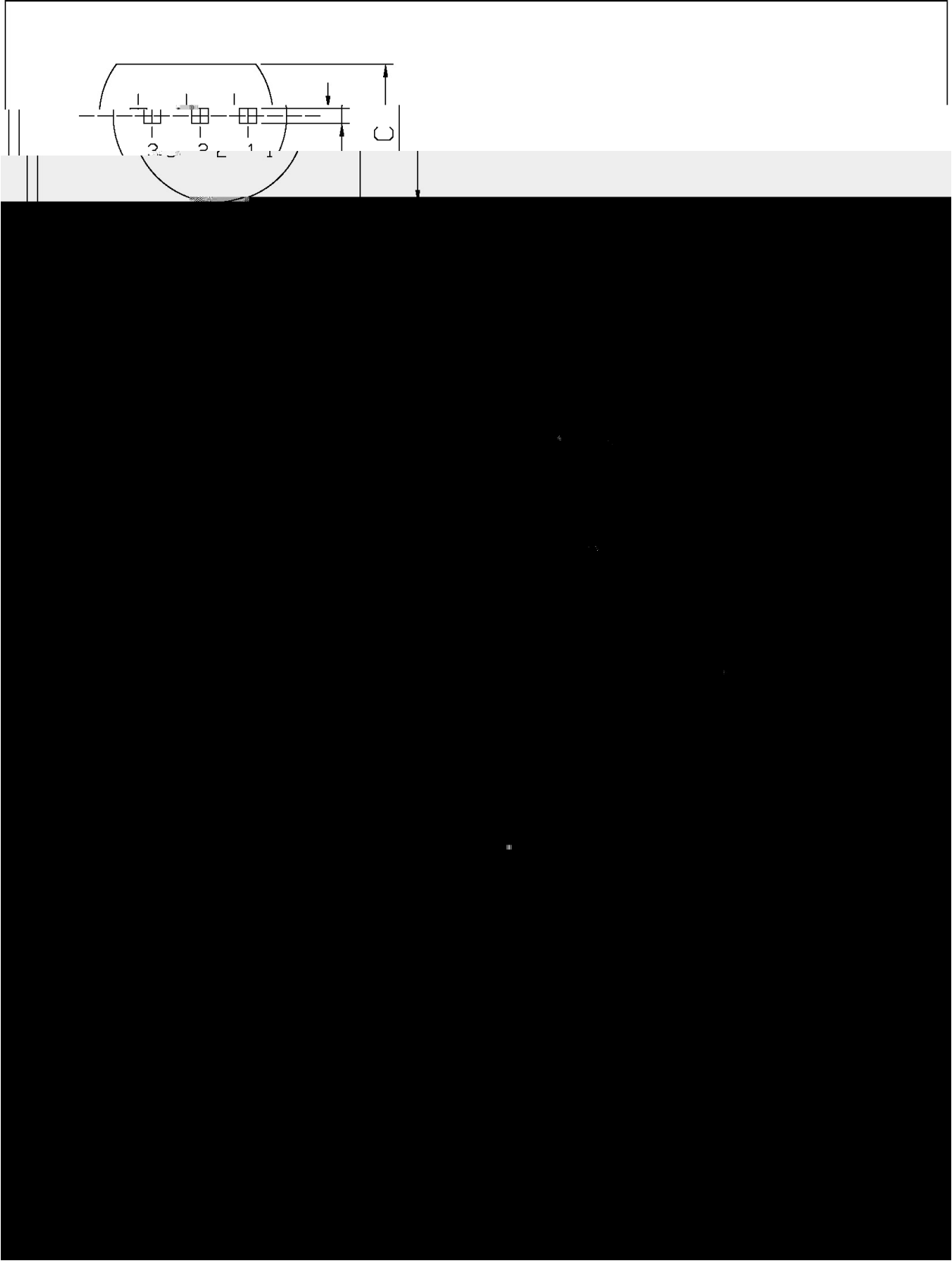
/ Electrical Characteristic Curve



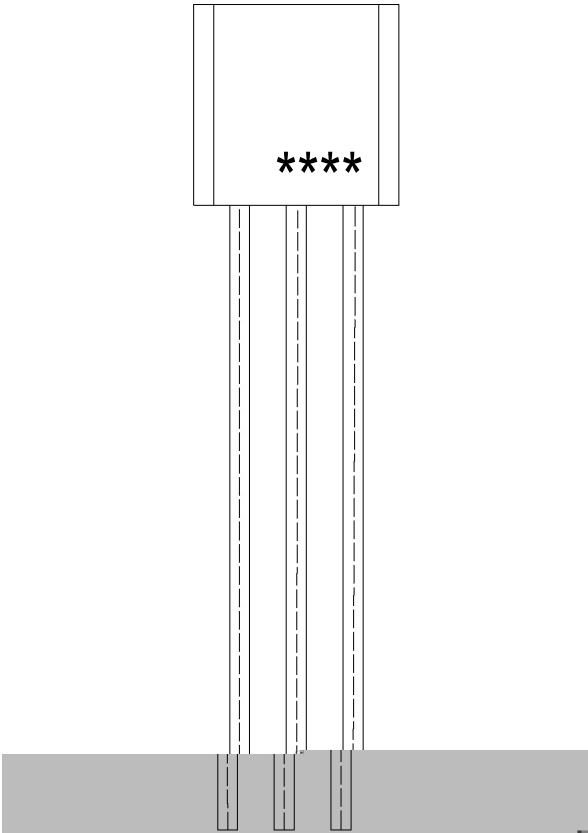
/ Package Dimensions

TO-92

Unit: mm



/ Marking Instructions



BR:
C3190
Y: h_{FE}

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



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/ Resistance to Soldering Heat Test Conditions

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/ Packaging SPEC.

	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-92	1,000	10	10,000	5	50,000	135×190	237×172×102	560×245×195
	1,000	10	10,000	10	100,000	135×190	237×172×102	560×245×375

	Units/tape /	Tape/Inner Box /	Rows/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Inner Box	Outer Box
TO-92	3,000	1	120	10	30,000	328×230×42	480×346×235 547×407×268

/ Notices