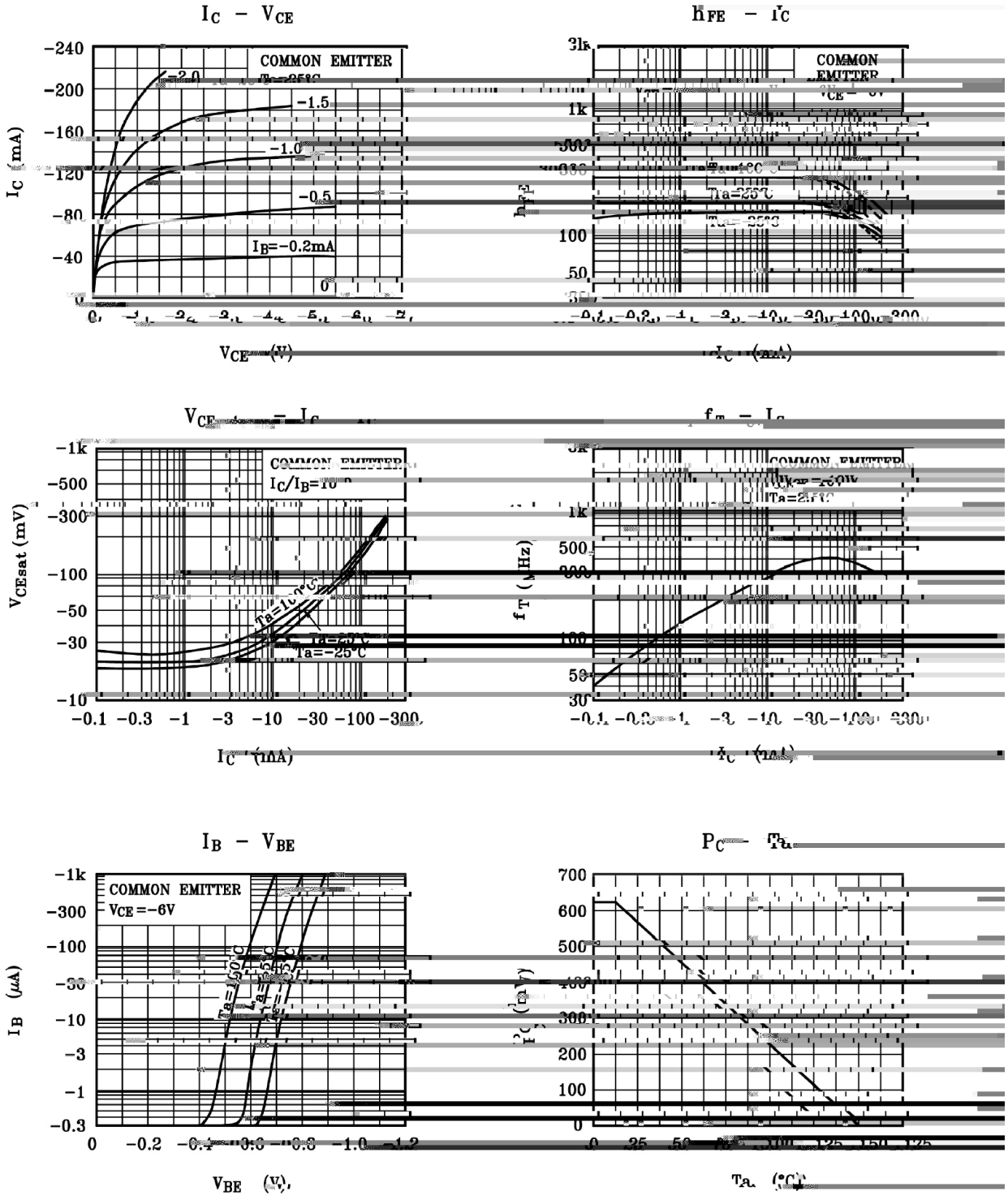
/ Absolute Maximum Ratings(Ta=25)

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-50	V
Collector to Emitter Voltage	V_{CEO}	-50	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-150	mA
Base Current - Continuous	I_B	-50	mA
Collector Power Dissipation	P_C	625	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

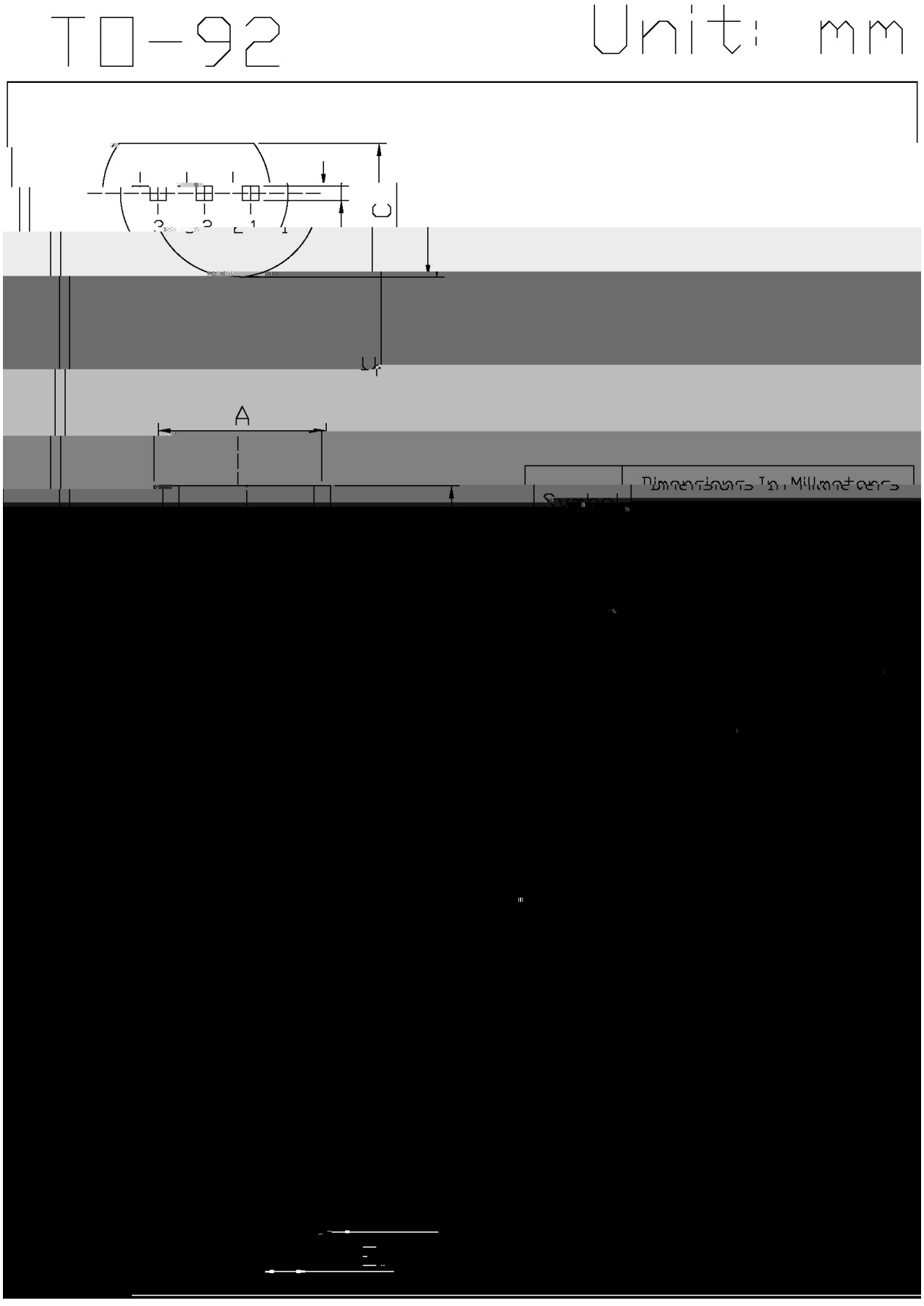
/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CBO}	V_{CB}=-50V I_E=0			-0.1	μA
Emitter Cut-Off Current	I_{EBO}	V_{EB}=-5.0V I_C=0			-0.1	μA
DC Current Gain	$h_{FE(1)}$	V_{CE}=-6.0V I_C=-2.0mA	70		400	
	$h_{FE(2)}$	V_{CE}=-6.0V I_C=-150mA	25			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	I_C=-100mA I_B=-10mA		-0.1	-0.3	V
Base to Emitter Saturation Voltage	$V_{BE(sat)}$	I_C=-100mA I_B=-10mA			-1.1	V
Transition Frequency	f_T	V_{CE}=-10V I_E=1.0mA	80			MHz
Collector Output Capacitance	C_{ob}	V_{CB}=-10V I_E=0 f=1.0MHz		4.0	7.0	pF
Base Intrinsic Resistance	rbb'	V_{CB}=-10V I_E=1.0mA f=30MHz		30		Ω
Noise Figure	NF	V_{CE}=-6.0V I_C=-0.1mA f=1KHz R_g=10KΩ		1.0	10	dB

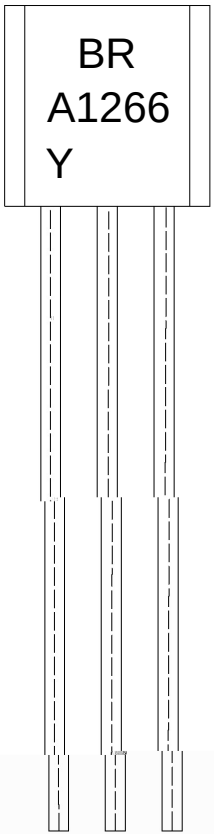
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR:

A1266

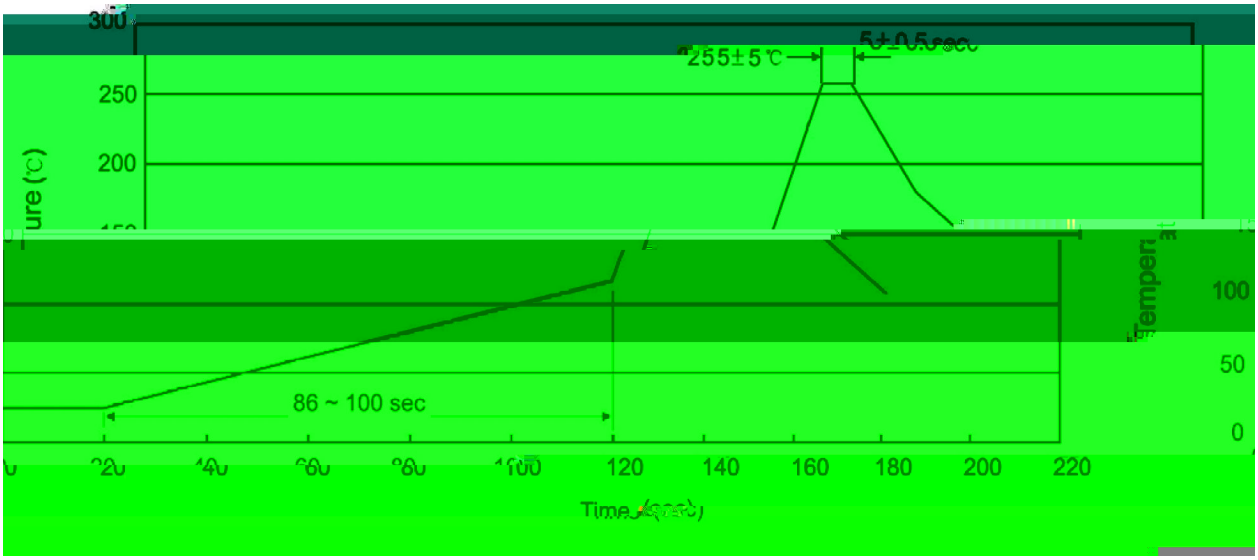
Y: h_{FE}

****

Note:

BR:	Company Code.
A1266:	Product Type.
Y:	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)

s/-479[(Ou.3(45