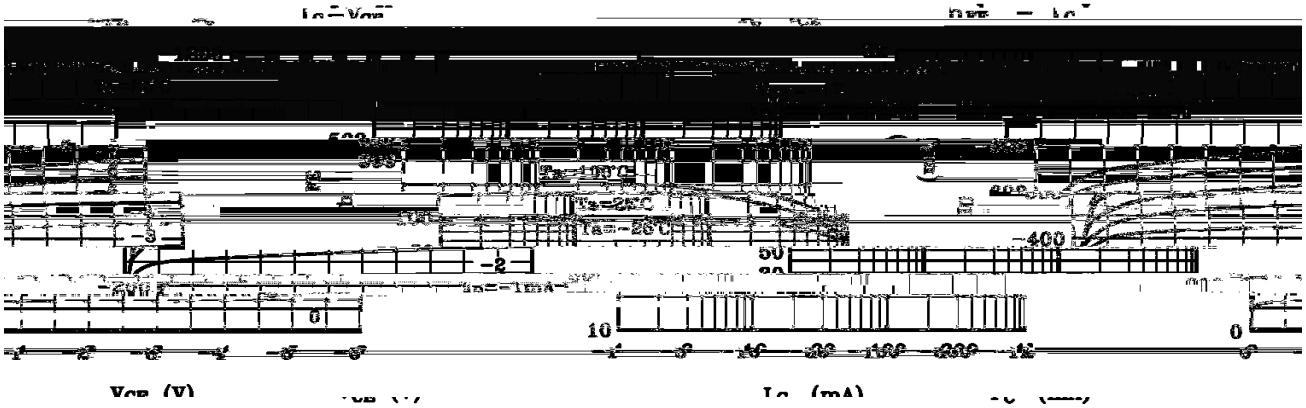
/ Absolute Maximum Ratings(Ta=25)

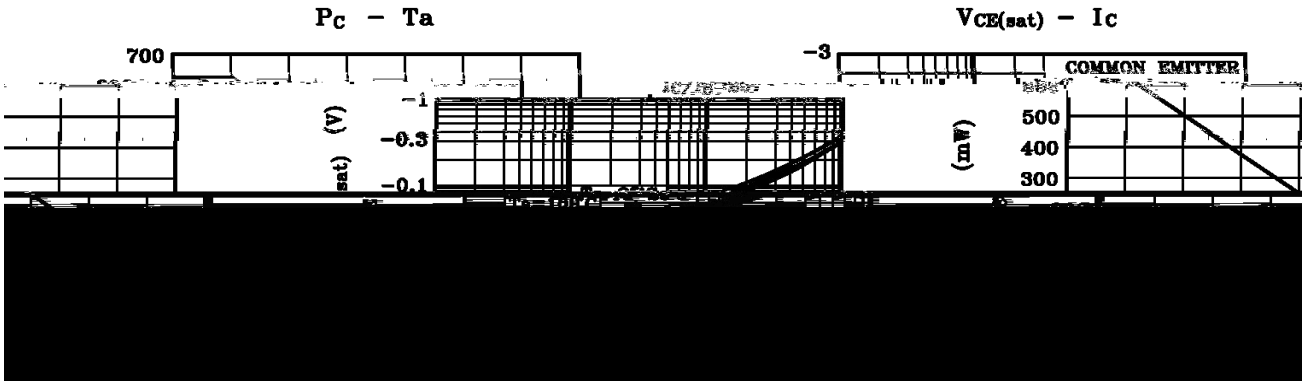
v ̈Ω Parameter	٩ N Symbol	̈Ω Ö Rating	D Ч Unit
Collector to Base Voltage	V_{CBO}	-30	V
Collector to Emitter Voltage	V_{CEO}	-25	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-800	mA
Emitter Current - Continuous	I_E	800	mA
Collector Power Dissipation	P_C	625	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

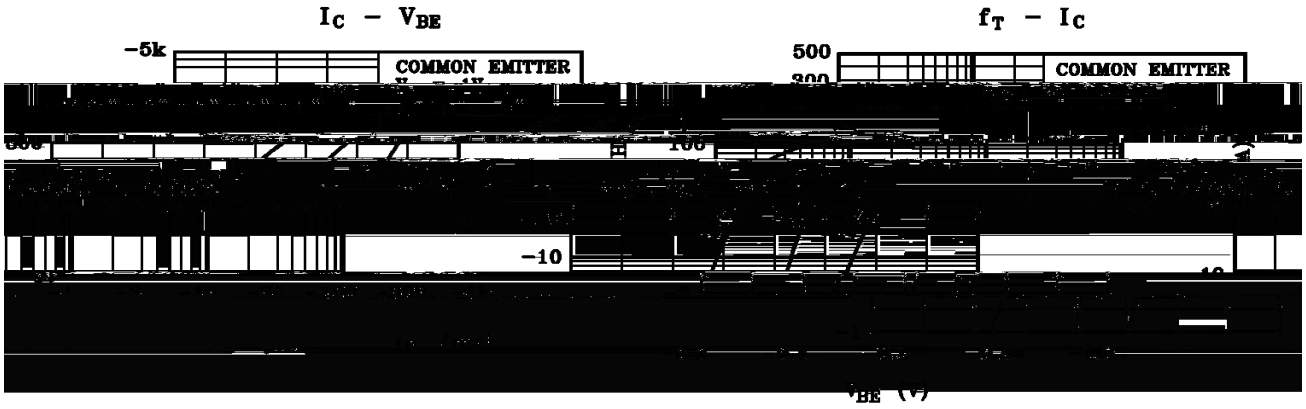
/ Electrical Characteristics(Ta=25)

v ̈Ω Parameter	٩ N Symbol	╜ ;ˆ ţ Test Conditions	ѡ ṇ Ö Min	Ɛ ʒ Ö Typ	ѡ ᶻ Ö Max	D Ч Unit
Collector Cut-Off Current	I_{CBO}	V_{CB}=-25V I_E=0			-0.1	A
DC Current Gain	h_{FE}	V_{CE}=-1.0V I_C=-100mA	100		600	
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	I_C=-500mA I_B=-50mA			-0.7	V
Base to Emitter On Voltage	$V_{BE(ON)}$	V_{CE}=-1.0V I_C=-300mA			-1.2	V
Transition Frequency	f_T	V_{CE}=-5.0V I_C=-10mA f=100MHz		100		MHz
Collector output capacitance	C_{ob}	V_{CB}=-10V f=1.0MHz		16		pF

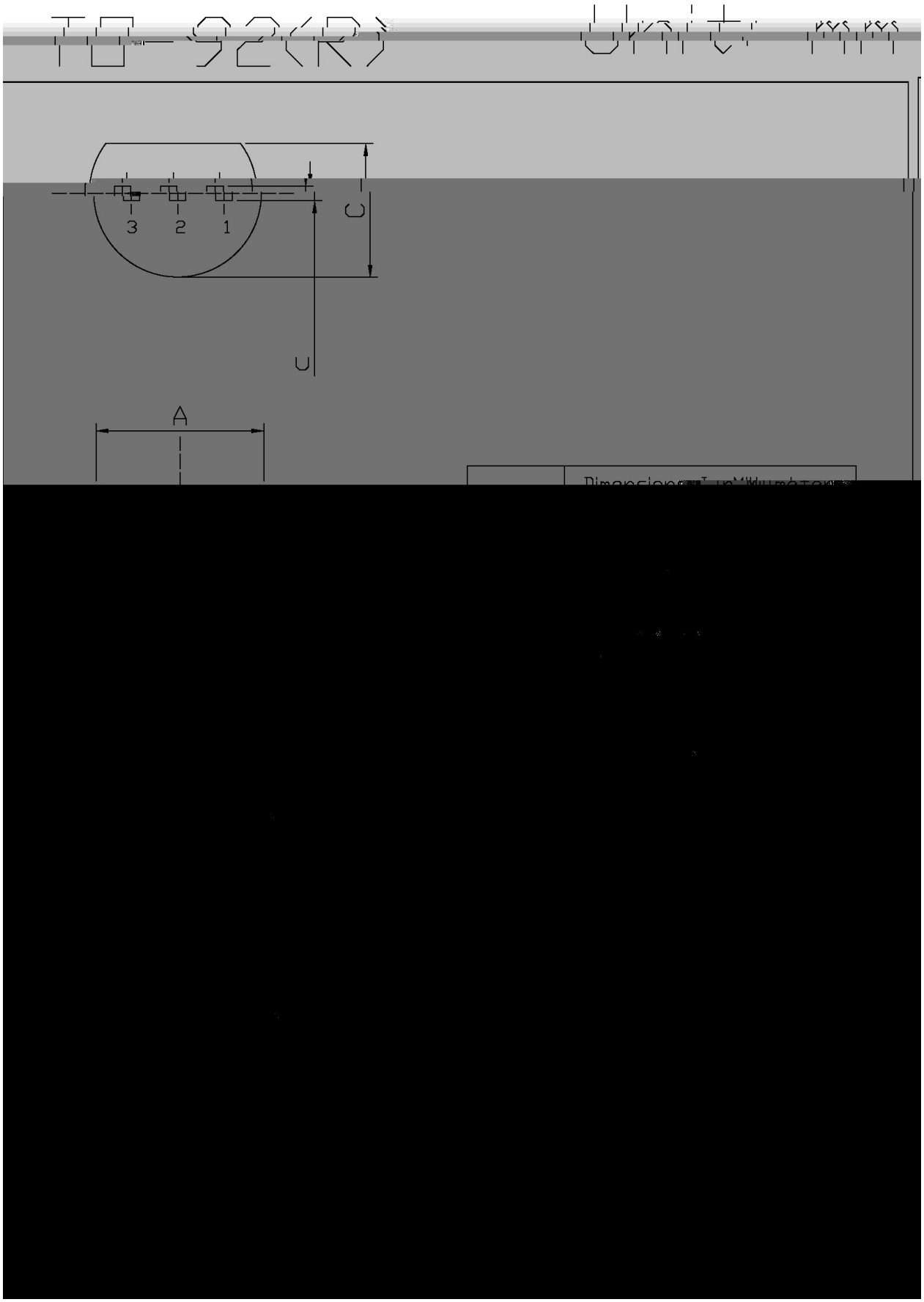
/ Electrical Characteristic Curve



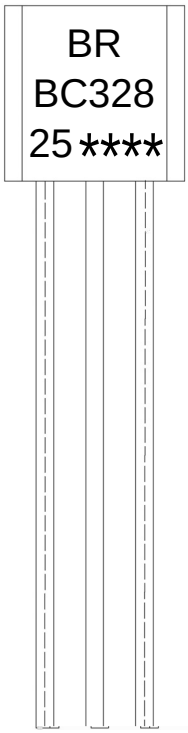




/ Package Dimensions



/ Marking Instructions



ب ˝ χ

EU χ ѭ ϛ и Ґђ

EF65 ; χ ѭ ғ β ʒ ɴ

58ⵆ ѭ k ıн ʿ ⁶ Ґђ

---- χ ѭ ı ғ ӈ ɴ Ґђ ı ҿ ı ғ ӈ ɴ Ψ ק

Note:

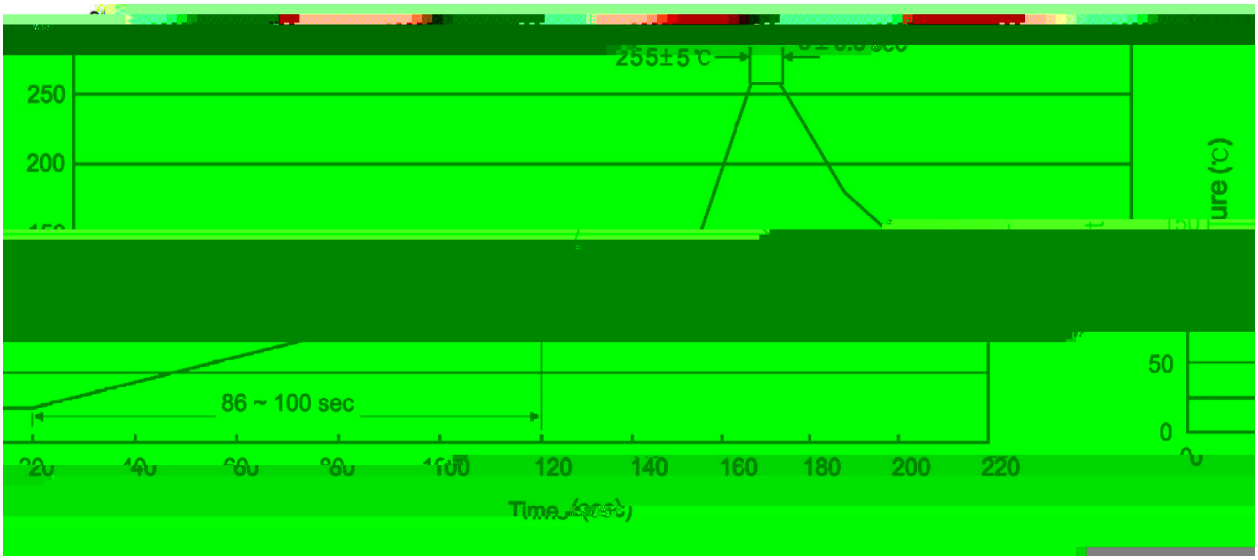
BR: Company Code.

BC328: Product Type.

25: h_{FE} Classifications Symbol

****: Lot No. Code, code change with Lot No.

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



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ł ı `H ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ł ı `H ڑ `Y ﾊ ㎛ 5 ° 0.5sec;

3 ì ˙ Ⅵ ˛ ɔ ﻉ ỷ ㎛ 2 Ḱ 10 ł /sec.

Note:

1.Preheating:25~150 ł , Time:60~90sec.

2.Peak Temp.:255 ° 5 ł , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ł /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 270 ° 5 ł `H ڑ χ 10 ° 1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

ˈQ ţ ﻱ Ł / BULK

Package Type	Units					Dimension		(unit mm3)
	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

ﾊ Ⅴ ﻱ Ł / AMMO

Package Type	Units					Dimension	(unit mm3)
	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