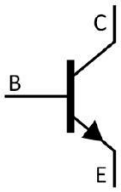
WR0<50P ṂṂÞ QSQ ÆṀч s ‖ ㄱ Silicon NPN transistor in a TO-92LM Plastic Package.

ぇ Э я ı ль NWD45:8 Йį ´
High voltage, complementary to KTA1275.

Ẽ Э ß ä ჯ¸ /Ẽ Э ㄱ ⁀ Ҡ ф ˍ ჯ¸
Color TV vertical deflection output, color TV class B sound output application.





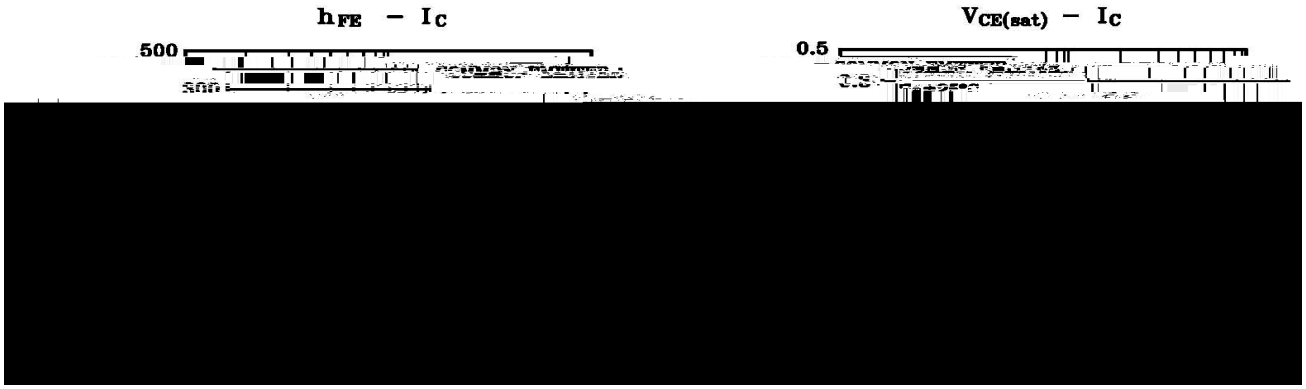
PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

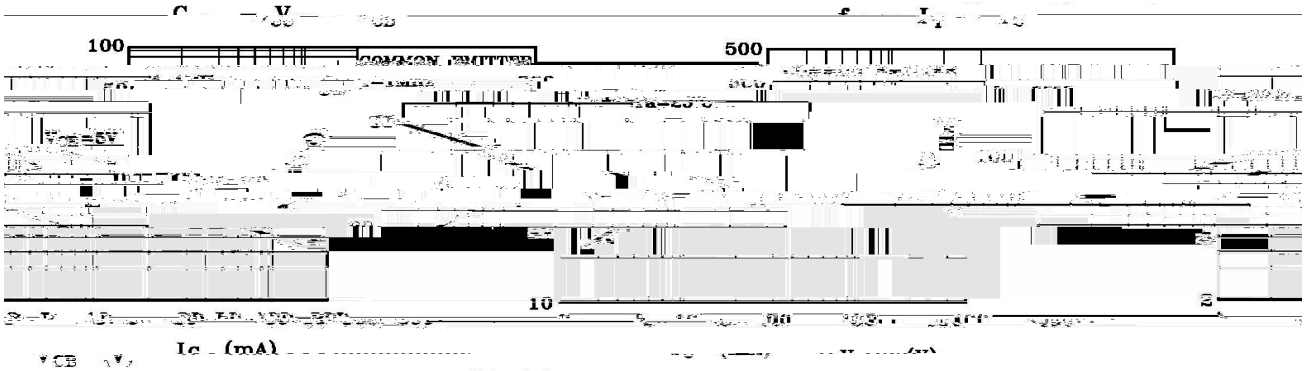
v ̈Ọ Parameter	↰ N Symbol	̈Ọ Ö Rating	D Ꮋ Unit
Collector to Base Voltage	V_{CBO}	160	V
Collector to Emitter Voltage	V_{CEO}	160	V
Emitter to Base Voltage	V_{EBO}	6.0	V
Collector Current - Continuous	I_C	1.0	A
Base Current - Continuous	I_B	0.5	A
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

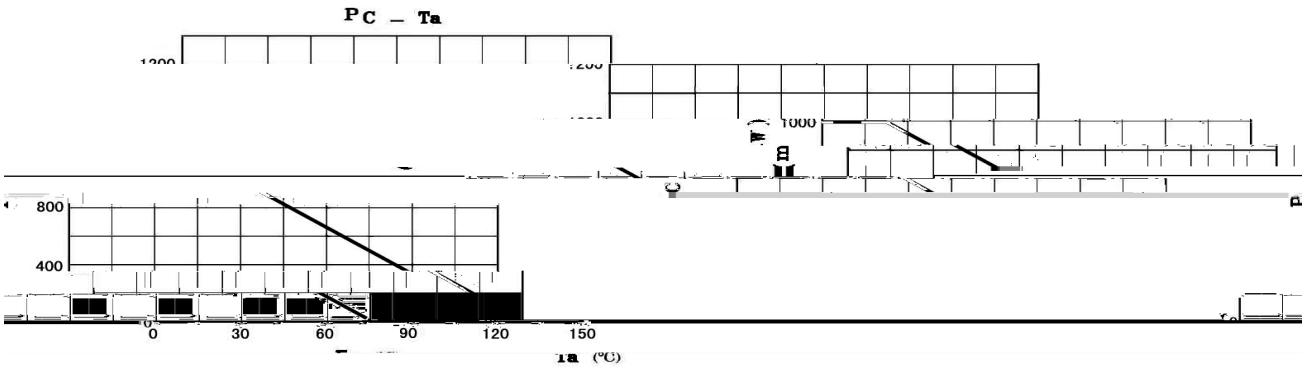
v ̈Ọ Parameter	↰ N Symbol	⅄ ; ⎫ Ţ Test Conditions	ѡ ṇ Ö Min	Ɛ ʒ Ö Typ	ѡ ᶻ Ö Max	D Ꮋ Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	I_C=10mA I_B=0	160			V
Collector Cut-Off Current	I_{CBO}	V_{CB}=150V I_E=0			1.0	μA
Emitter Cut-Off Current	I_{EBO}	V_{EB}=6.0V I_C=0			1.0	μA
DC Current Gain	h_{FE}	V_{CE}=5.0V I_C=200mA	60		320	

/ Electrical Characteristic Curve



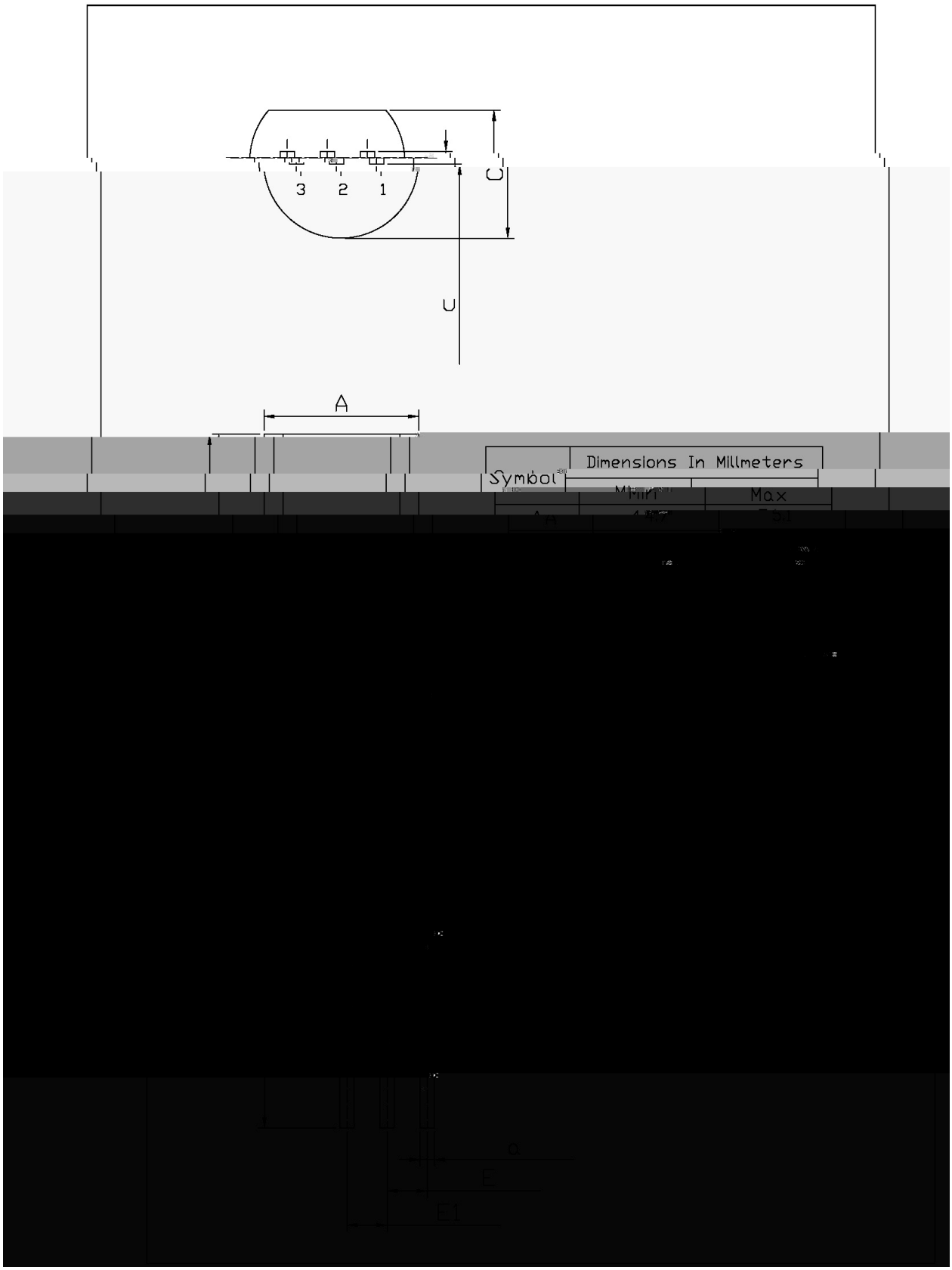




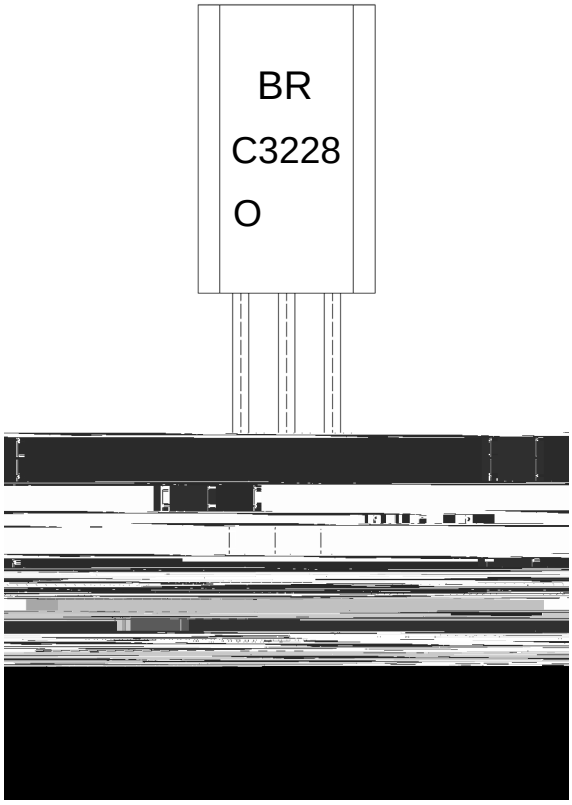


/ Package Dimensions

TO-92LM Unit: mm

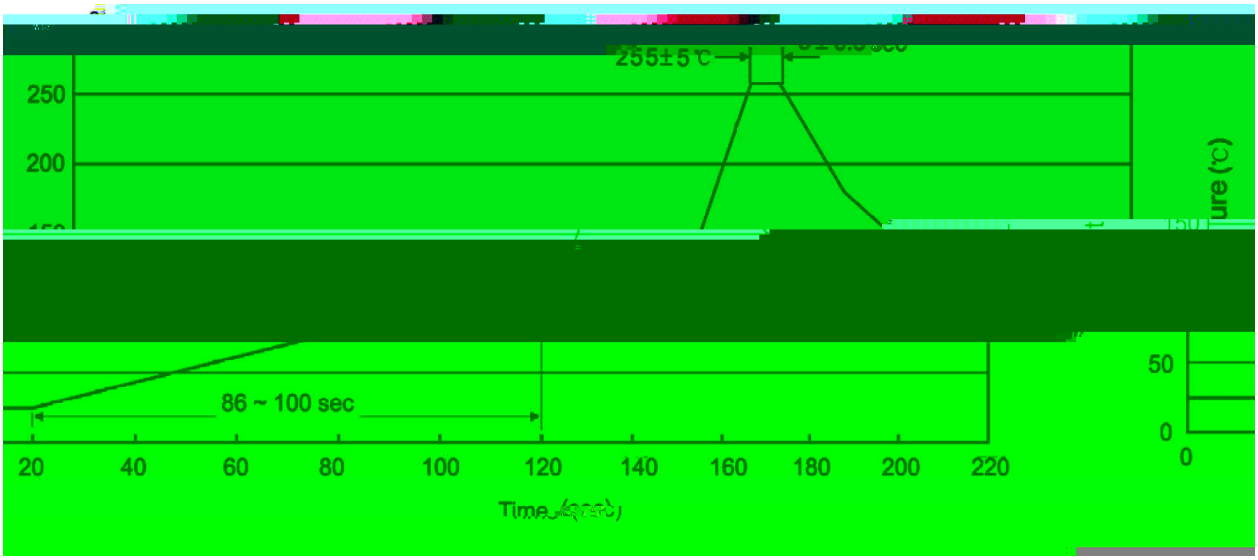


/ Marking Instructions



ب ″ χ	
EU=	₩ ३ И Ґђ
F655 ; χ	₩ ʒ N Ґђ
R=	₩ k IH ‘ ⁶ Ґђ
---- χ	₩ ł ғ ń N Ґђ ı ₡ ł ғ ń N Ψ ק
Note:	
BR:	Company Code.
C3228:	Product Type.
O:	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 ɬ ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ɬ ı ˋH ڑ ˋY ﾉ ᠷ 5 ° 0.5sec;

3 ì ˙ ٧ ˛ ɔ ﻩ ỷ ᠷ 2 Ḱ 10 ɬ /sec.

Note:

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

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

3. Cooling Speed: 2~10 ɬ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 270 ° 5 ɬ ˋH ڑ χ 10 ° 1 sec. Temp.:270 ° 5 ɬ Time:10 ° 1 sec

/ Packaging SPEC.

ˈQ ţ ﻱ Ь / BULK

Package Type	Units					Dimension		(unit mm3)

ﾉ V ﻱ Ь / AMMO

Package Type	Units					Dimension	(unit mm3)

/ Notices