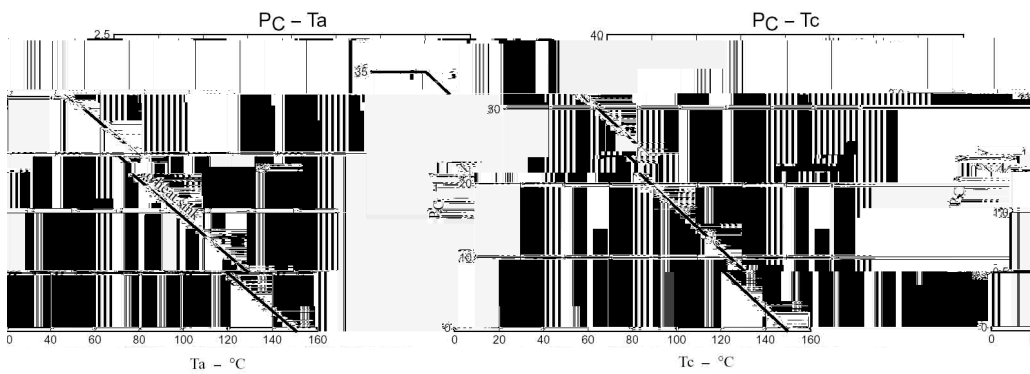
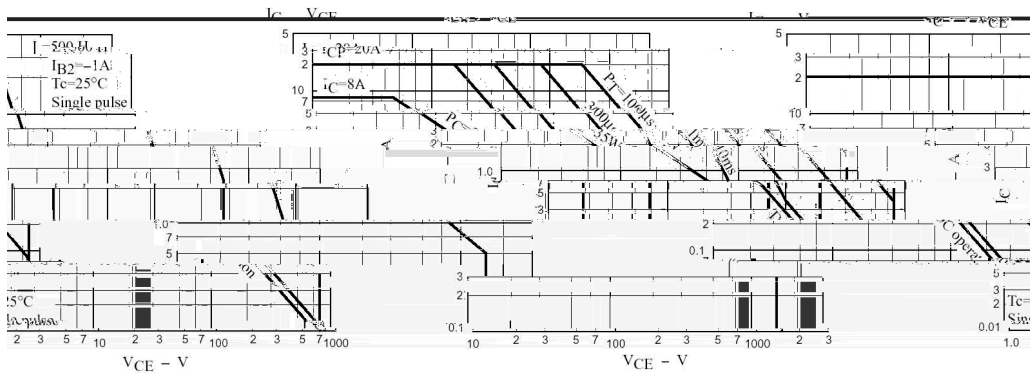
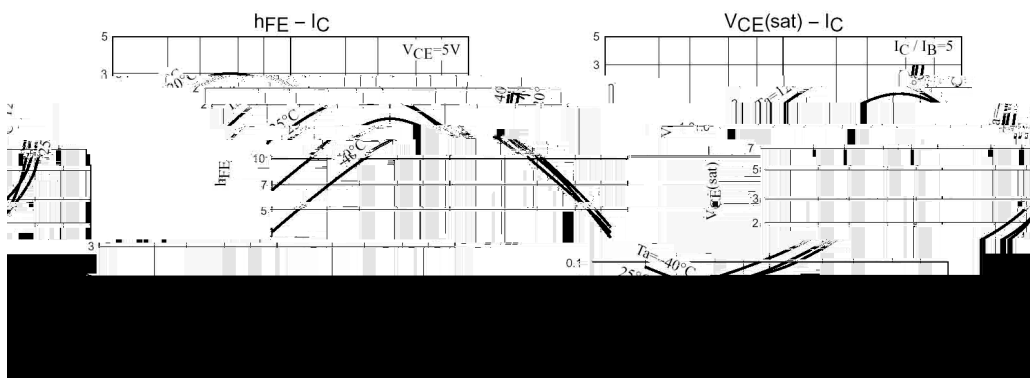
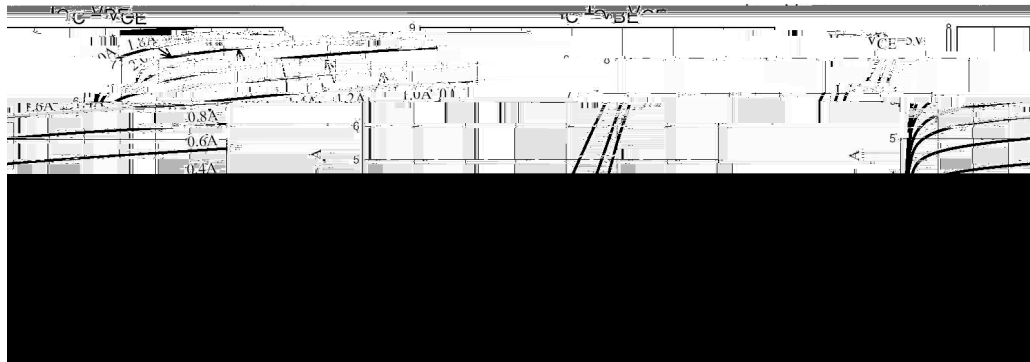
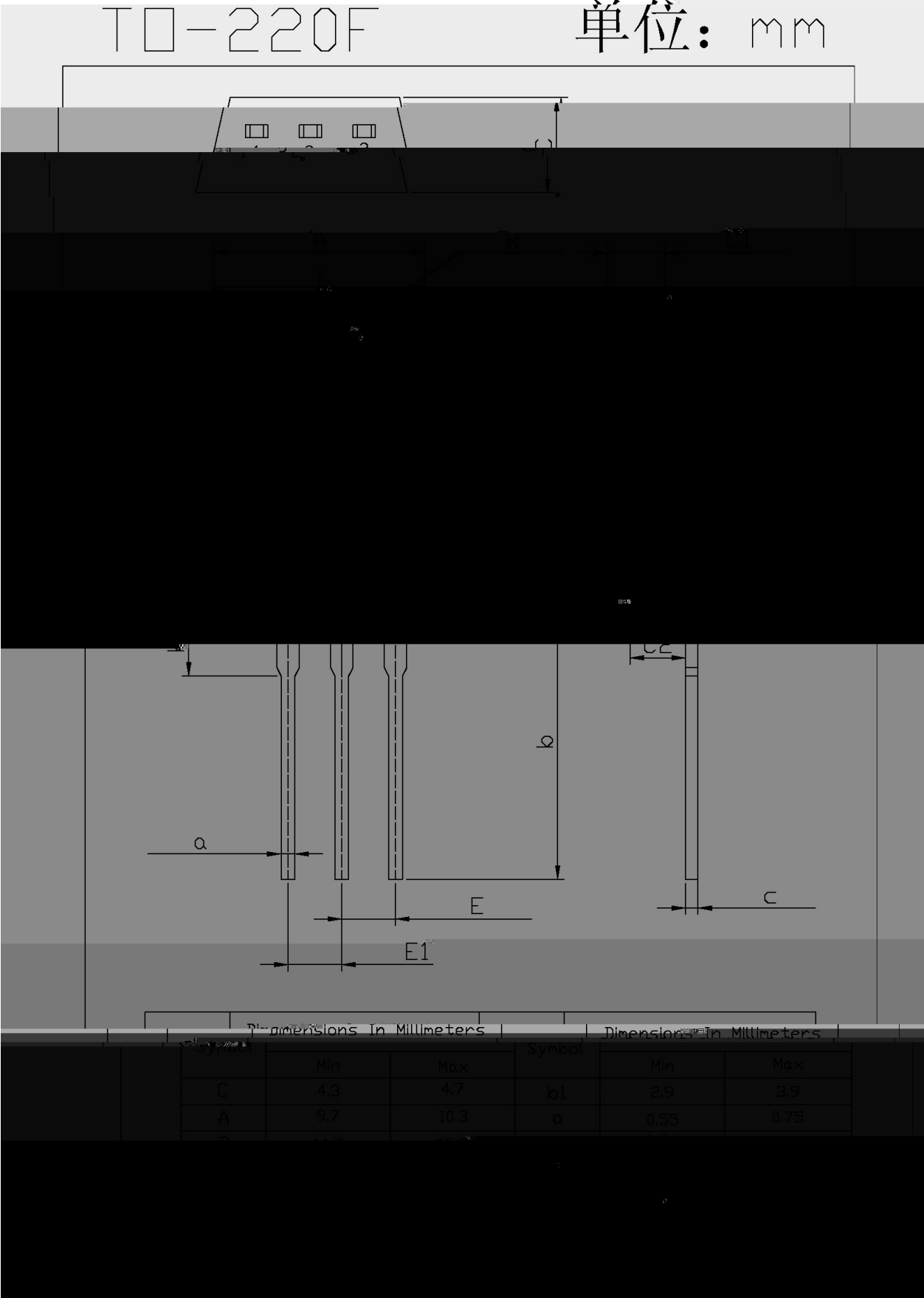
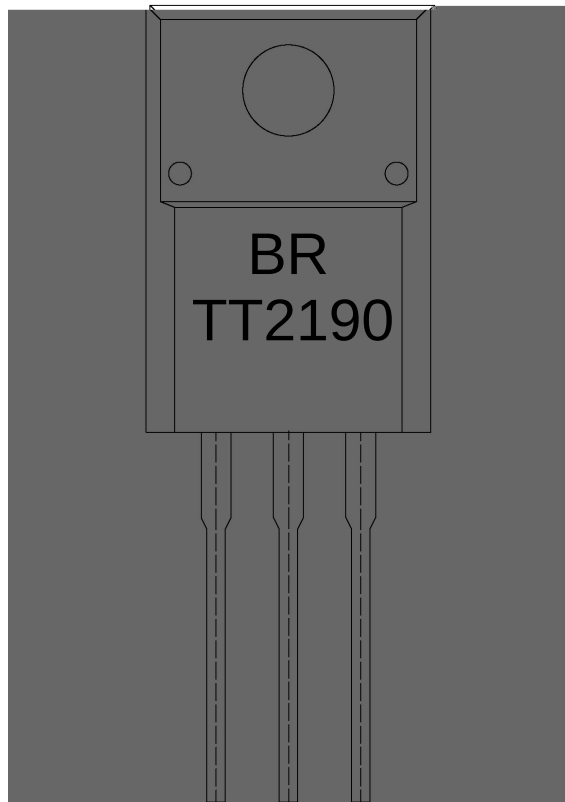


Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO(sus)}$	1500	V
Collector to Emitter Voltage	V_{CEO}	800	V
Emitter to Base Voltage	V_{EBO}	6.0	V
Collector Current - Continuous	I_C	8.0	A
Collector Current – Continuous(Pulse)	I_{CP}	20	A
Collector Power Dissipation	P_C	2.0	W
Collector Power Dissipation	$P_C (T_c=25^{\circ}C)$	35	W
Junction Temperature	T_j	150	$^{\circ}C$
Storage Temperature Range	T_{stg}	-55 150	$^{\circ}C$

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Sustain Voltage	$V_{CEO(sus)}$	$I_C=100mA$ $I_B=0$	800			V
Collector Cut-Off Current	I_{ces}	$V_{CB}=1500V$ $R_{BE}=0$			1.0	mA
Collector Cut-Off Current	I_{CBO}	$V_{CB}=800V$ $I_E=0$			10	μA
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=4.0V$ $I_C=0$	40		130	mA
DC Current Gain	$h_{FE(1)}$	$V_{CE}=5.0V$ $I_C=5.0A$	5		8	
	$h_{FE(2)}$	$V_{CE}=5.0V$ $I_C=1.0A$	10			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=4.5A$ $I_B=0.9A$			3.0	V
Base to Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=4.5A$ $I_B=0.9A$			1.5	V
Diode Forward Voltage	V_F	$I_{EC}=7.0A$			2.0	V
Fall Time	t_f	$I_C=3.0A$ $I_{B1}=0.6A$ $I_{B2}=1.2A$			0.3	μS





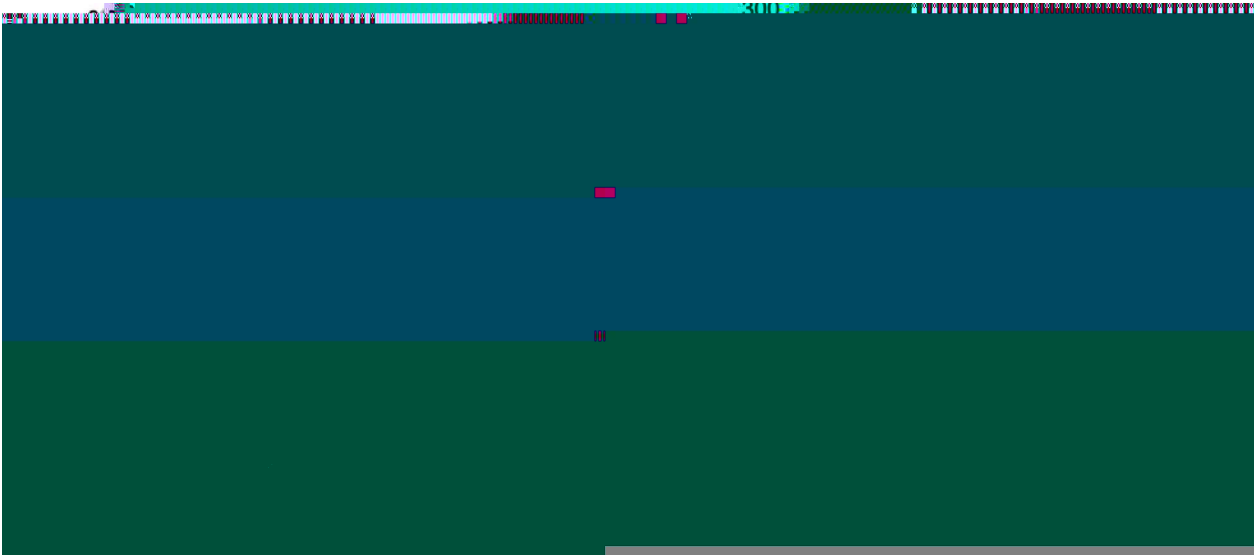


Note:

BR: Company Code.

TT2190: Product Type.

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



- 1

25 150

60 90sec;
- 2

255 5

5 0.5sec;
- 3

2 10

/sec.
- Note:
1.Preheating:25~150 , Time:60~90sec.
2.Peak Temp.:255 5 , Duration:5 0.5sec.
3. Cooling Speed: 2~10 /sec.

270 5

10 1 sec.

Temp.:270±5℃

Time:10±1 sec

/ BULK

Package Type	Units				Dimension		(unit mm ³)