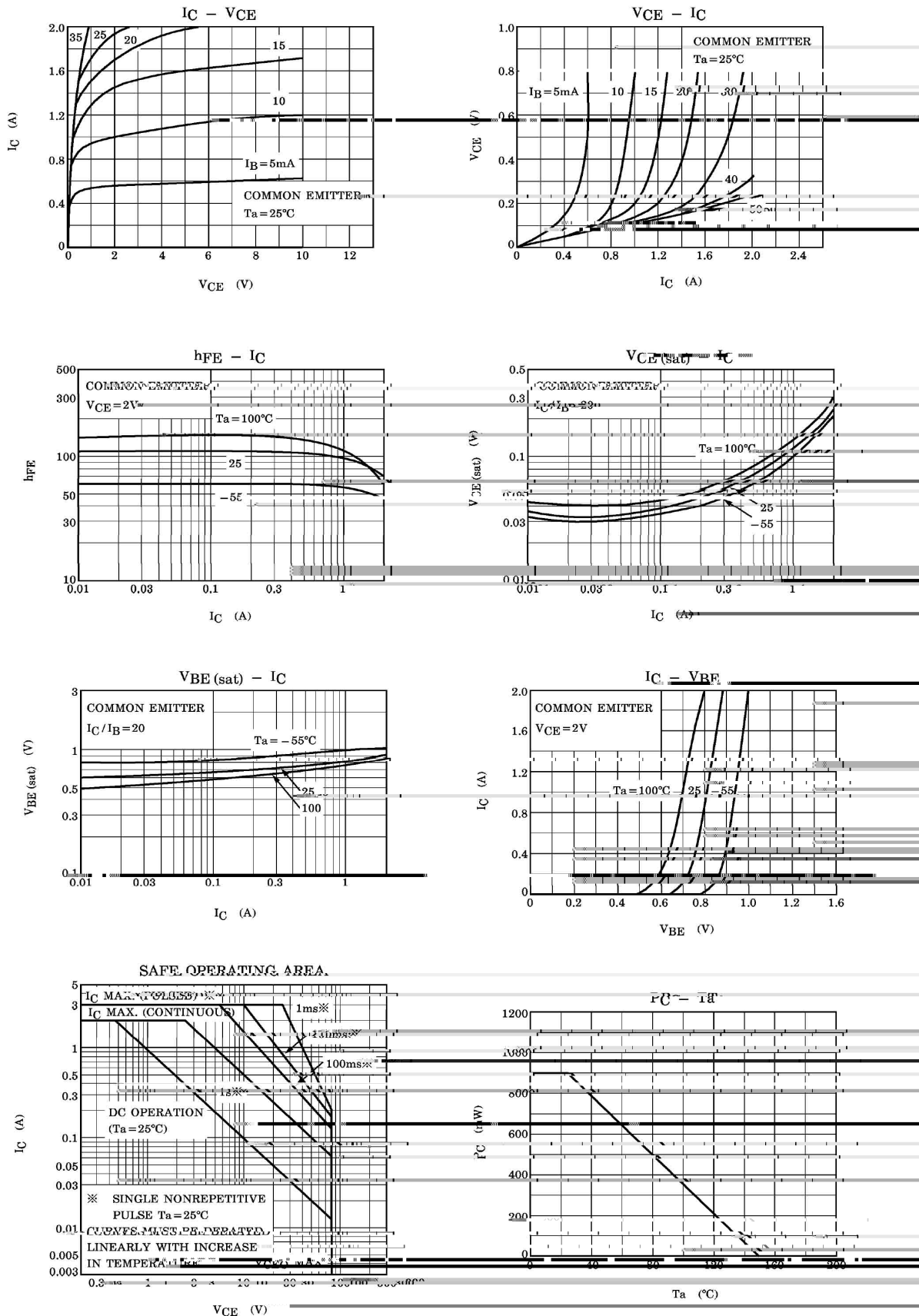


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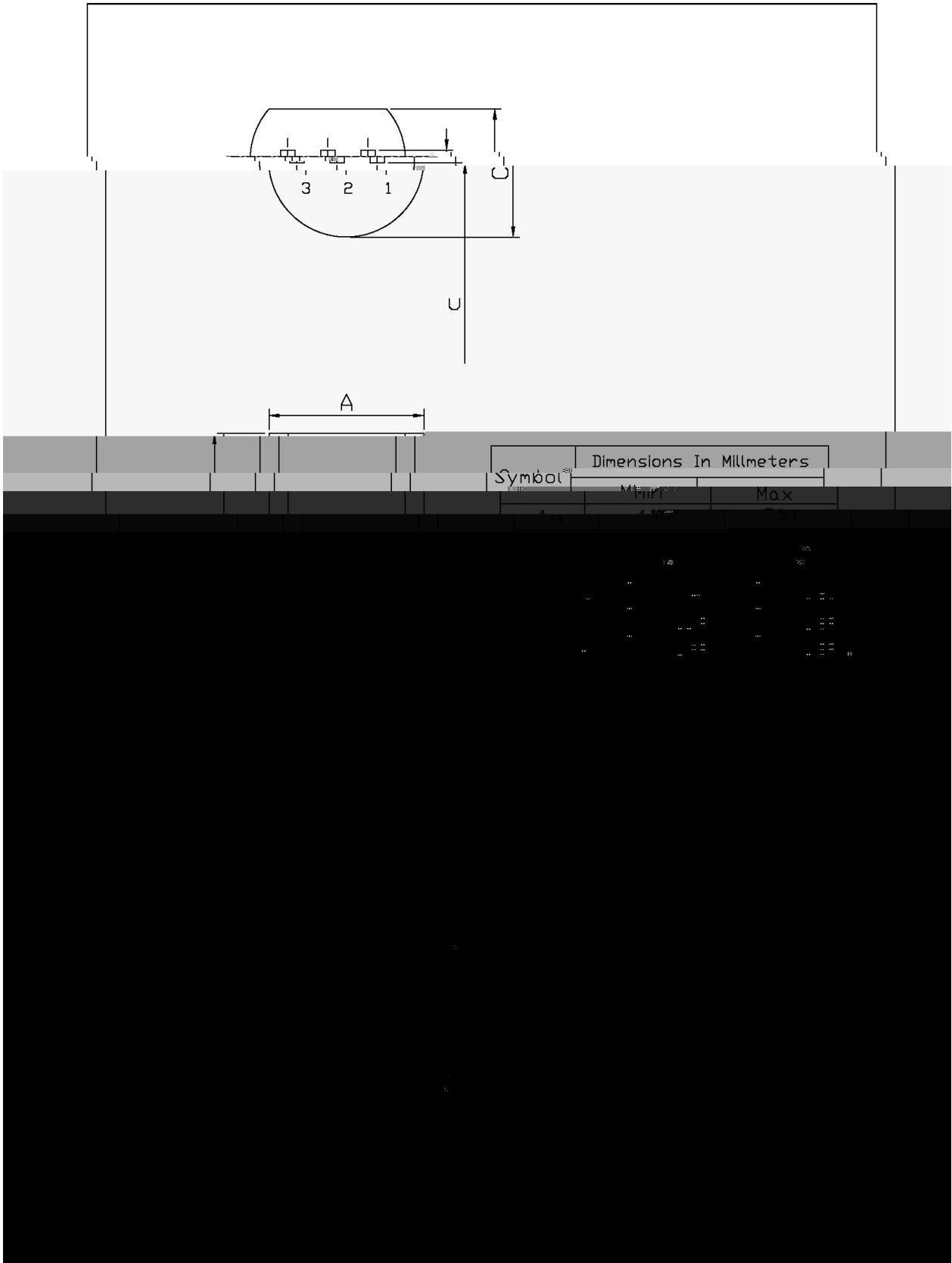
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	80	V
Collector to Emitter Voltage	V_{CEO}	80	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current (DC)	I_C	2.0	A
Base Current	I_B	1.0	A
Collector Power Dissipation	P_C	900	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

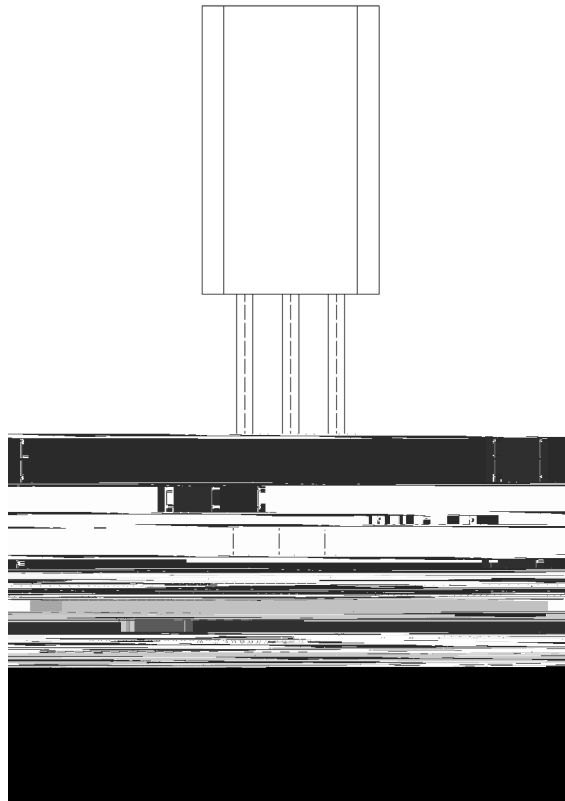
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector-Emitter Breakdown Voltage	$V_{BR(CEO)}$	$I_C=10mA$ $I_E=0$	80			V
Collector Cut-Off Current	I_{CBO}	$V_{CB}=80V$ $I_E=0$			1.0	μA
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=5.0V$ $I_C=0$			1.0	μA
DC Current Gain	$h_{FE(1)}$	$V_{CE}=2.0V$ $I_C=0.5A$	70		240	
	$h_{FE(2)}$	$V_{CE}=2.0V$ $I_C=1.5A$	40			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=1.0A$ $I_B=0.05A$		0.15	0.5	V
Base to Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=1.0A$ $I_B=0.05A$		0.9	1.2	V
Transition Frequency	f_T	$V_{CE}=2.0V$ $I_C=0.5A$		100		MHz



TO-92LM

Unit: mm





BR:

C3328

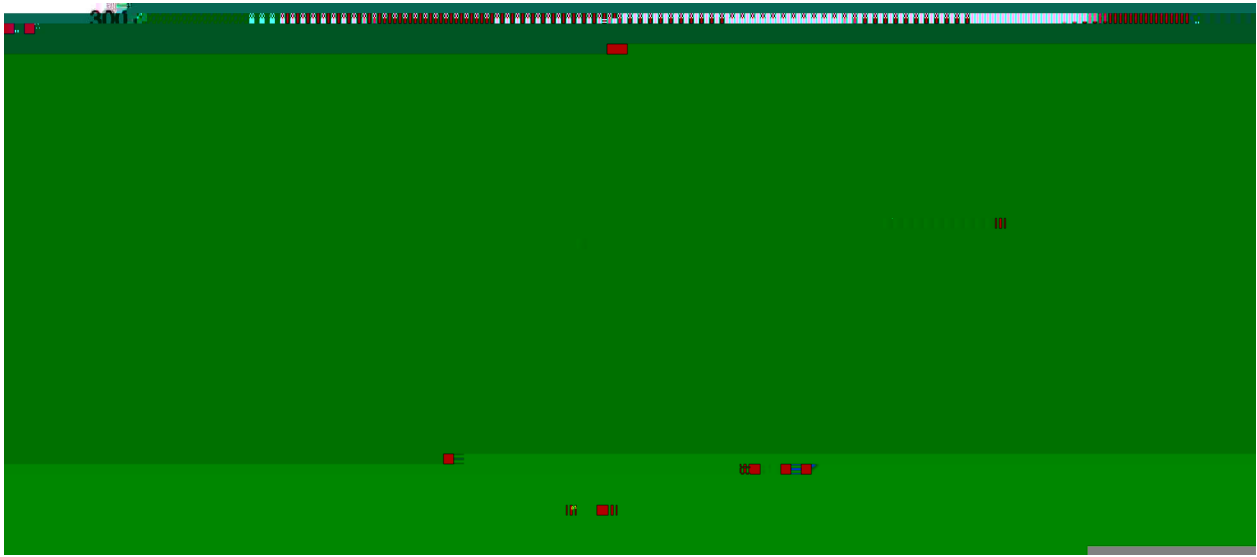
O: h_{FE}

Note:

BR: Company Code.

C3328: Product Type.

O: h_{FE} Classifications Symbol



1	25	150	60	90sec;	Note:	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.	

270±5	10±1 sec.	Temp.:270±5	Time:10±1 sec
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/ BULK