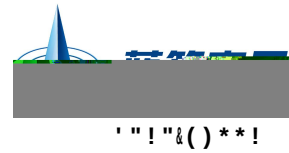


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G	2020-11-11	1	0 1 2 3 4 5 6 7 8	9 :	; < =
A	2022-4-23	all	> ? 4 BR/Q@0 1) A B 3 4 C D E F G H I J K AEC-Q101 7 L M N O P Q R S T U C D A B % V W Q R X , Y Z H [\ Q @] ^ _ ` 245±5°C @ a b c d \ 5±0.5sec e f \ g ] ^ _ ` 255±5°C @ a b c d \ 5± 0.5sec h	9 :	i j k

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Rev.A Apr.-2022



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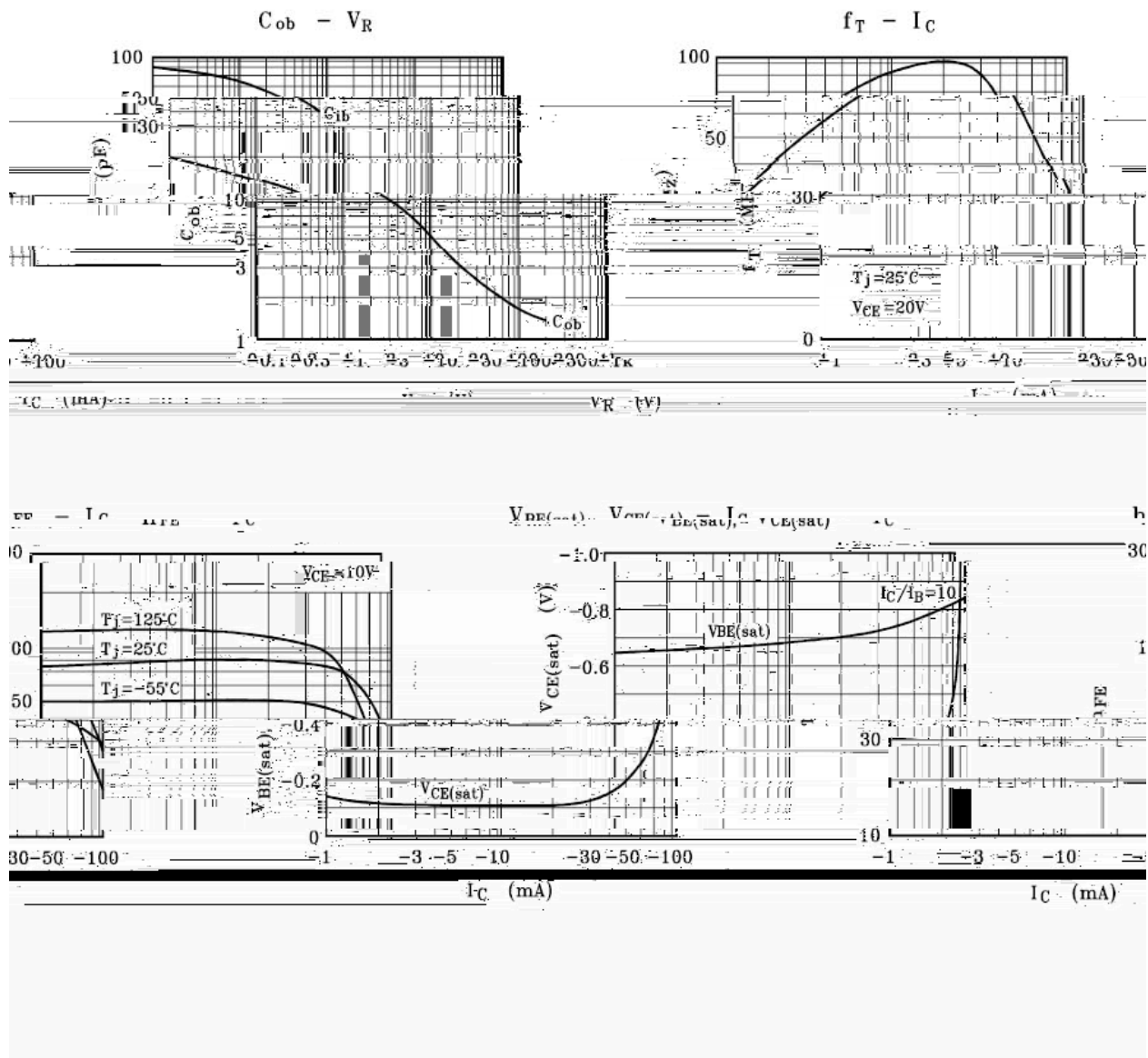
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-300	V
Collector to Emitter Voltage	V_{CEO}	-300	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-500	mA
Collector Power Dissipation	P_C	350	mW
Junction Temperature	T_j	150	°C
Storage Temperature Range	T_{stg}	-55~150	°C

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Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	$I_C = -100\mu A$ & $I_E = 0$	-300			V
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C = -1.0mA$ & $I_B = 0$	-300			V
Emitter to Base Breakdown Voltage	V_{EBO}	$I_E = -100\mu A$ & $I_C = 0$	-5.0			V
Collector Cut-Off Current	I_{CBO}	$V_{CB} = -200V$ & $I_E = 0$			-0.25	μA
Emitter Base Cut-Off Current	I_{EBO}	$V_{BE} = -3.0V$ & $I_C = 0$			-0.1	μA
DC Current Gain	$h_{FE(1)}$	$V_{CE} = -10V$ & $I_C = -10mA$	40			
	$h_{FE(2)}$	$V_{CE} = -10V$ & $I_C = -30mA$	25			



1.28% J8182; 1.1/2% 71- ,

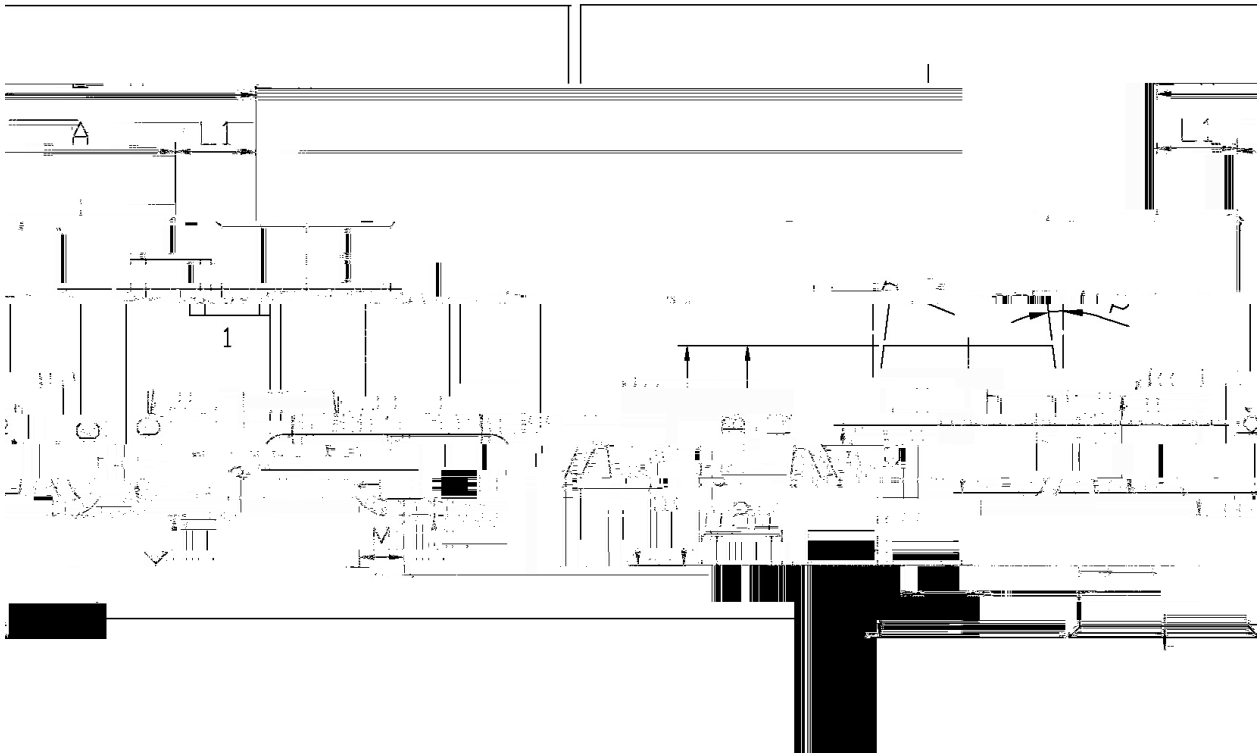




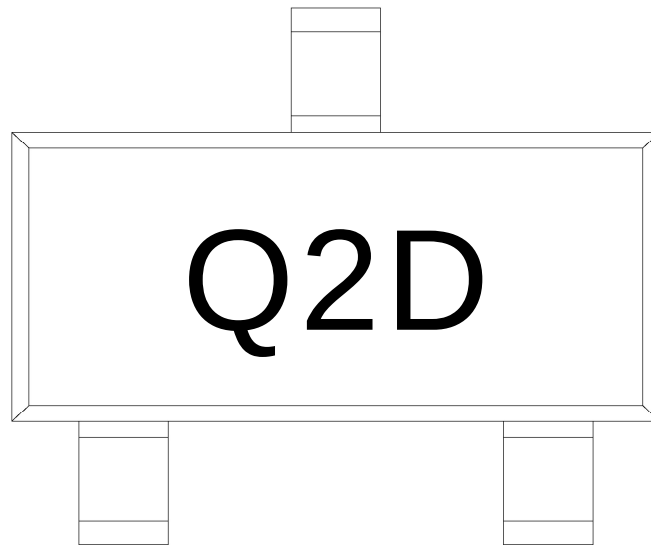
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Dimensiones en milímetros			Dimensiones en pulgadas		
Symbol	Min	Max	Symbol	Min	Max
L1	0.45	0.65	C	0.91	1.20
A	1.15	1.50	K	0	0.10
B	2.70	3.10	M	0.20MIN	
E	1.70	2.10	P	7°	
E1	3.85	4.05			
g	6.35	6.55			



Q

2D

Note:

Q: Automobile halogen-free product Code

2D: Product Type Code.

1	150 200	60 120sec;	1.Preheating:150~200°C, Time:60~120sec.
2	255±5	5±0.5sec;	2.Peak Temp.:255±5°C, Duration:5±0.5sec.
3	2	10°C/sec.	3. Cooling Speed: 2~10°C/sec.

260±5°C 10±1 sec. Temp.:260±5°C Time:10±1 sec

/ REEL