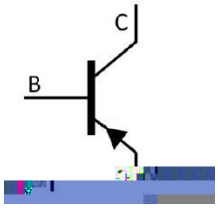
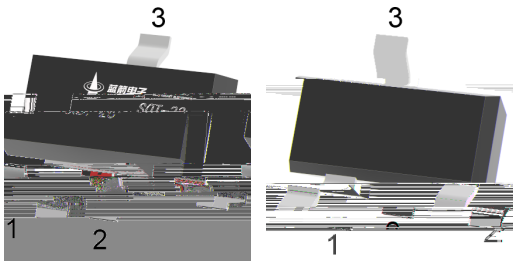
Silicon PNP transistor in a SOT-23 Plastic Package.

Collector currents to 600mA. alogen free product, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

General purpose amplifier, Meet the stringent requirements of automotive applications.





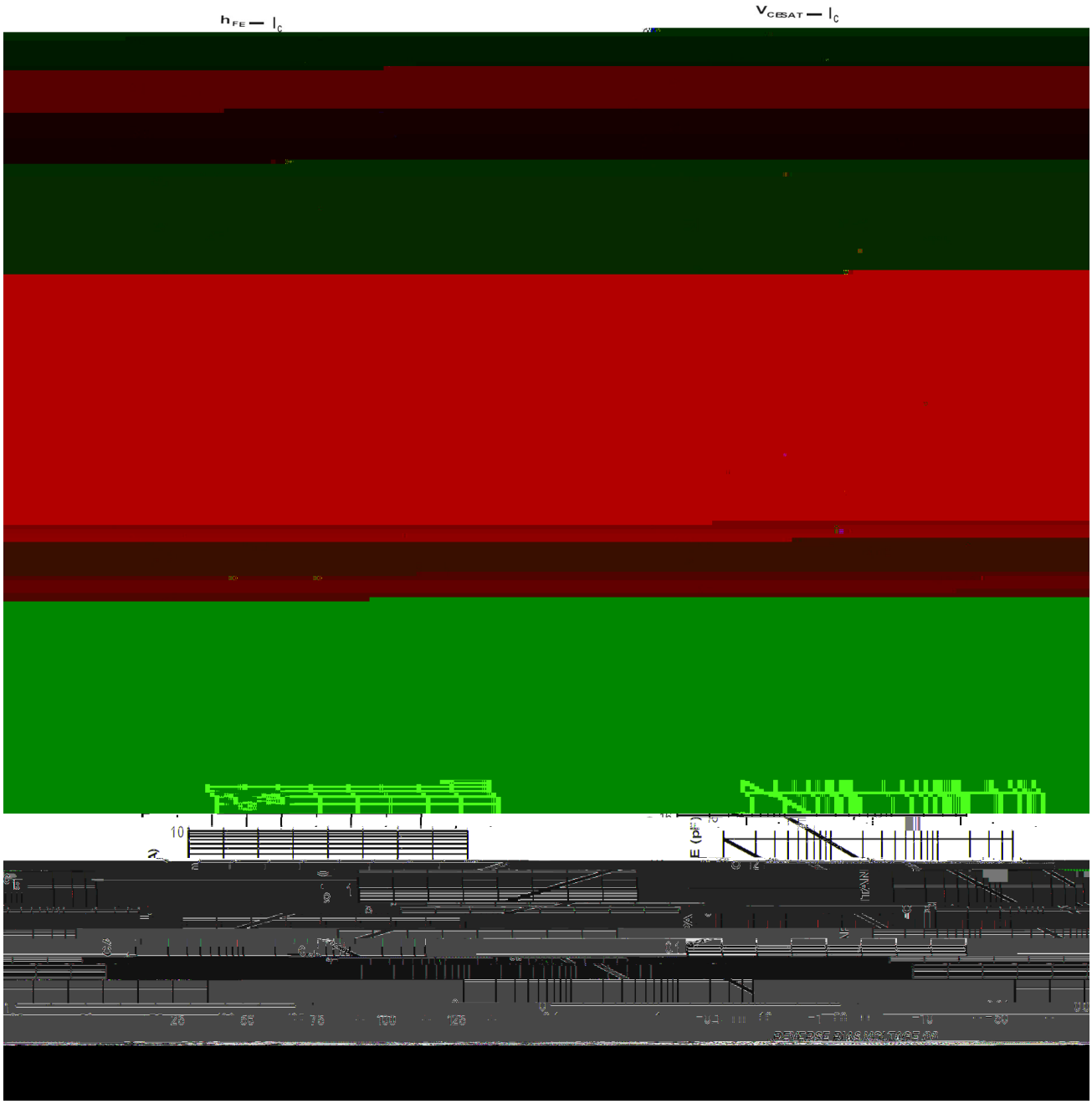
PIN 1 Base PIN 2 Emitter PIN 3 Collector

h_{FE} Range	100 300
Marking	Q2F

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-60	V
Collector to Emitter Voltage	V_{CEO}	-60	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current	I_C	-600	mA
Collector Power Dissipation	P_C	350	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

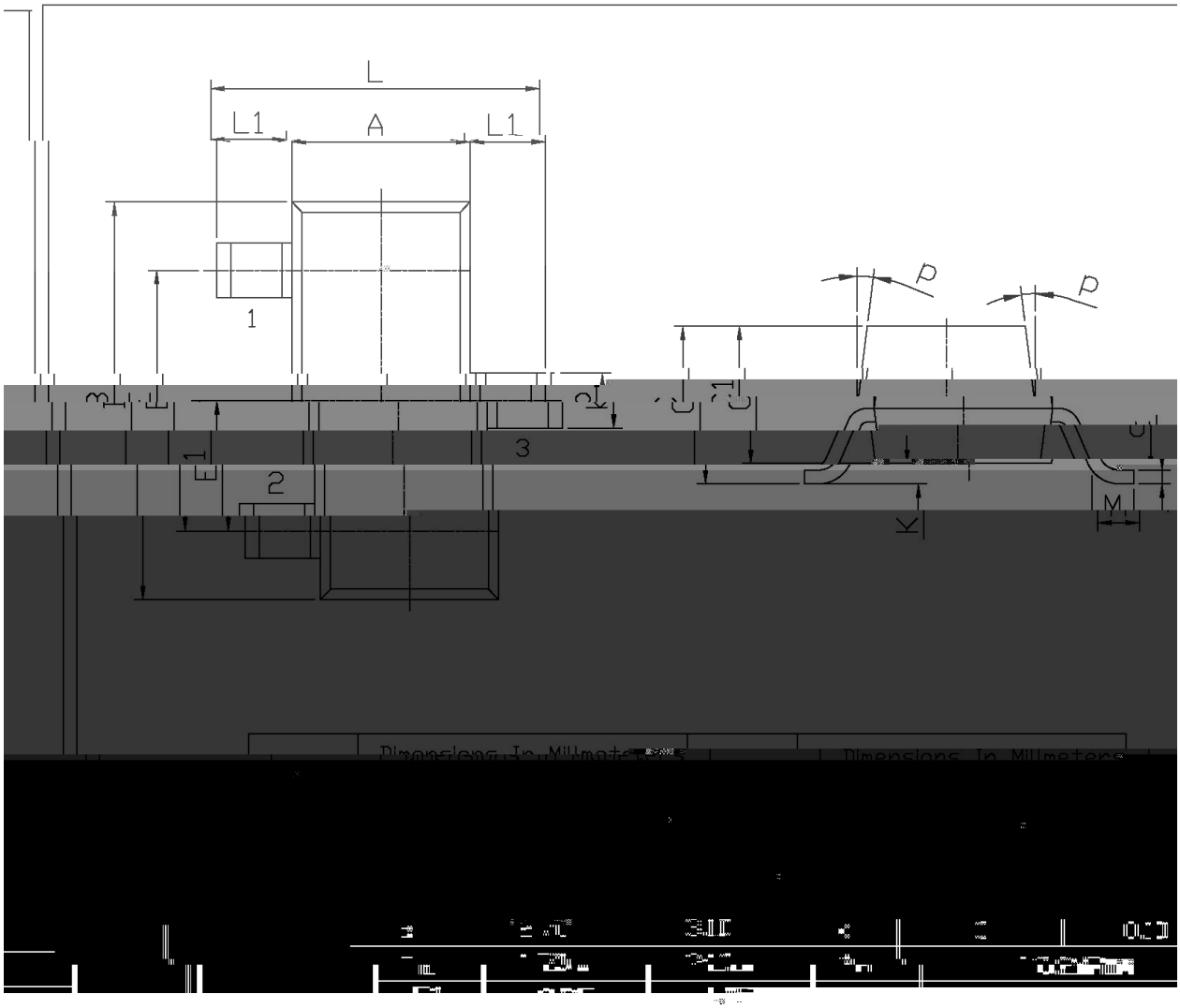
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	I_C=-10 A I_E=0	-60			V
Collector to Emitter Breakdown Voltage	V_{CEO}	I_C=-10mA I_B=0	-60			V
Emitter to Base Breakdown Voltage	V_{EBO}	I_E=-10 A I_C=0	-5.0			V
Collector Cut-Off Current	I_{CBO}	V_{CB}=-50V I_E=0			-0.01	A
DC Current Gain	$h_{FE(1)}$	V_{CE}=-10V I_C=-150mA*	100		300	
	$h_{FE(2)}$	V_{CE}=-10V I_C=-500mA*	50			
	$h_{FE(3)}$	V_{CE}=-10V I_C=-10mA	100			
	$h_{FE(4)}$	V_{CE}=-10V I_C=-1.0mA	100			
	$h_{FE(5)}$	V_{CE}=-10V I_C=-0.1mA	75		79D0	Tc(8

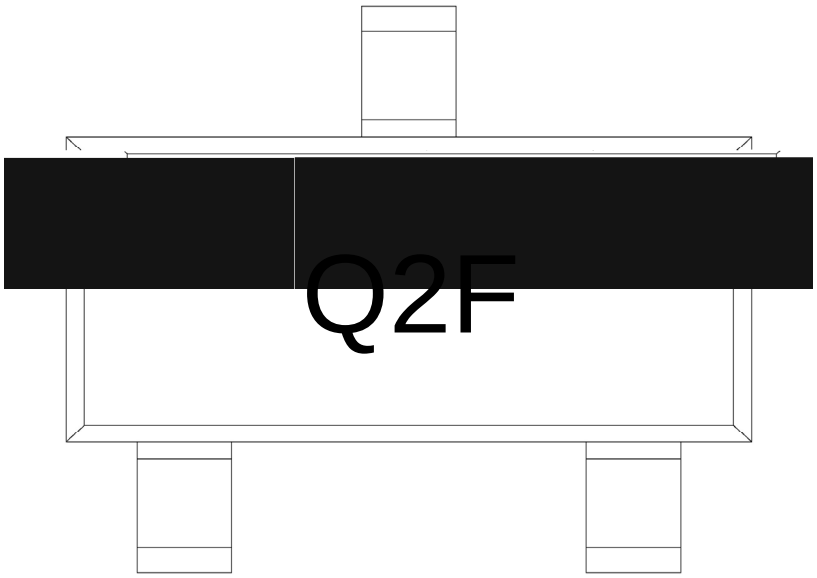
276.260


h_{FE} — I_C
V_{CESAT} — I_C
10
REVERSE BIAS VOLTAGE (V)

SOT-23

单位：mm





2F

Note:

Q: Automobile halogen-free product Code

2F Product Type Code

Wh p shrdwxrh Prriioh irr IU Uhiorw Vroghriqj+Pe-Frhh,

Note:

1	150 200 60 120sec;	1.Preheating:150~200 , Time:60~120sec.
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.

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

/ REEL