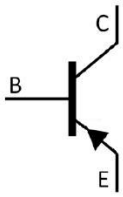
Silicon PNP transistor in a TO-126F Plastic Package.

Good linearity of h_{FE} ,complementary to 2SC3422.

Audio frequency power amplifier and low speed switching applications.

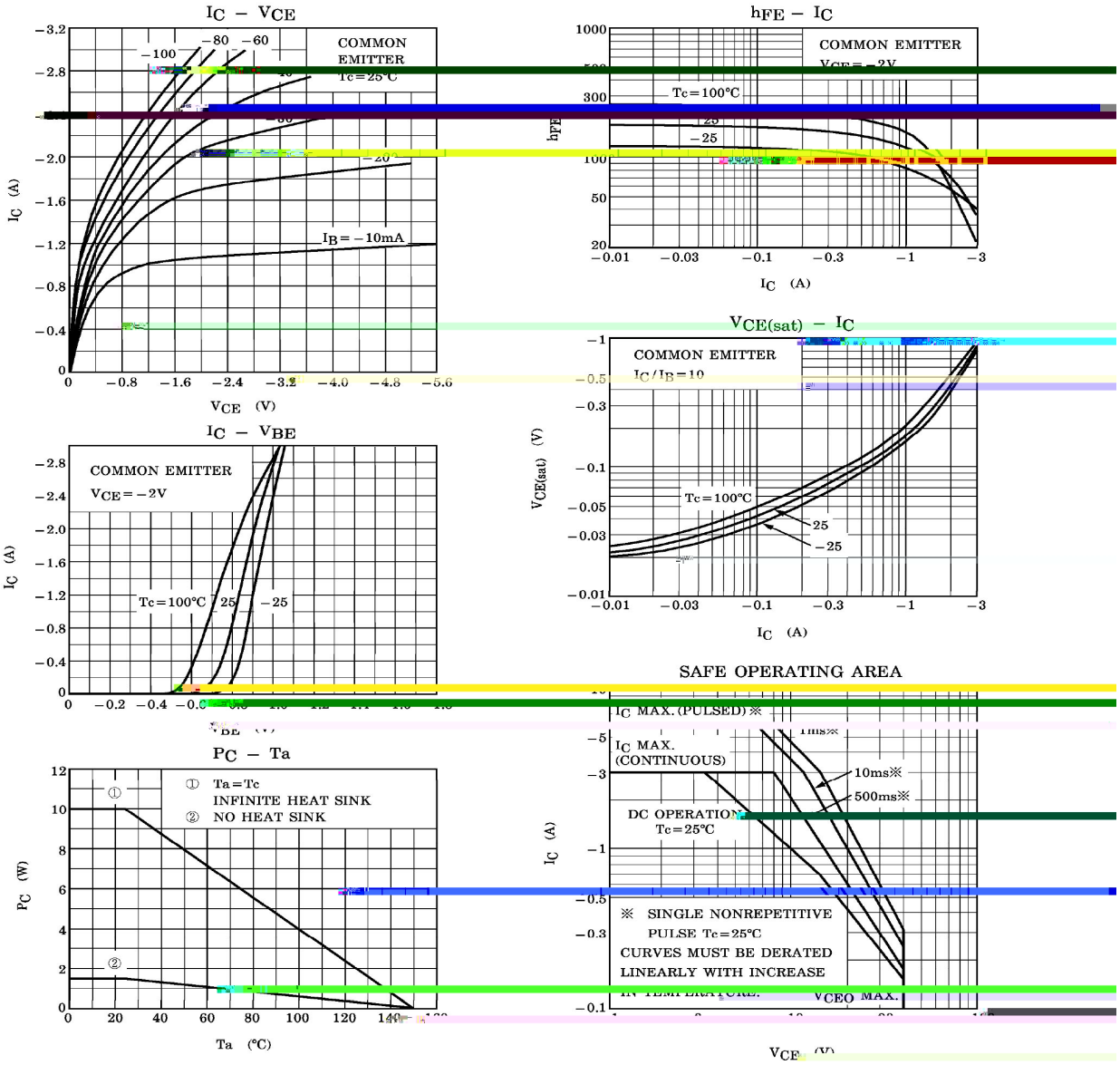


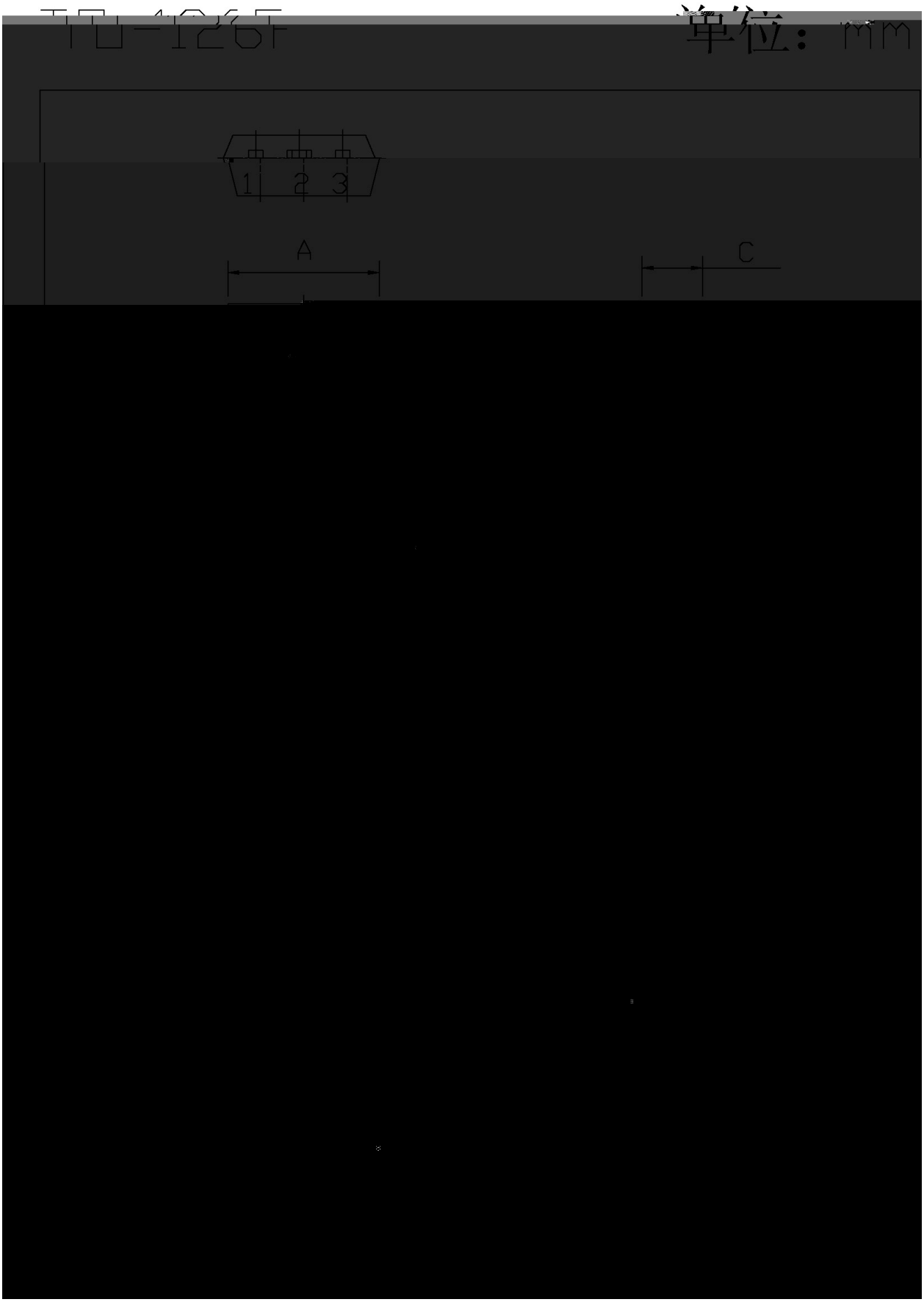
PIN1 Emitter PIN 2 Collector PIN 3 Base

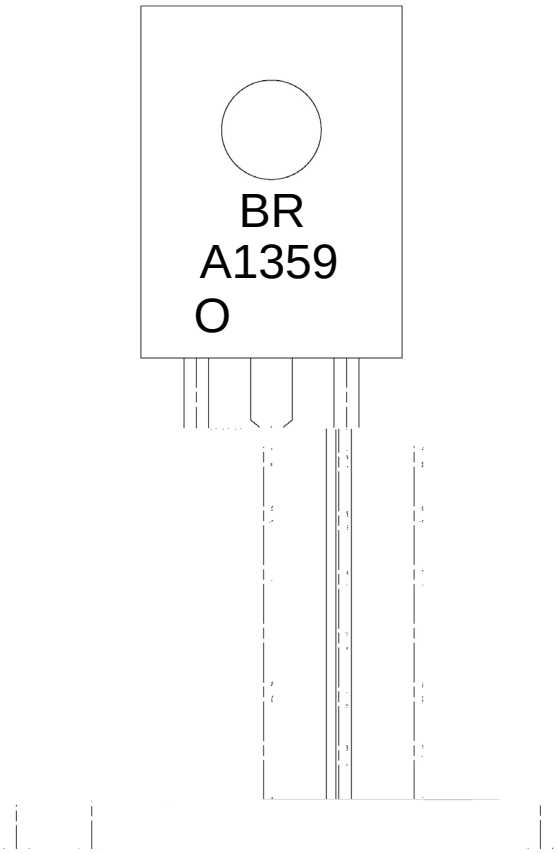
h_{FE} Classifications Symbol	O	Y	GR
h_{FE} Range	80～160	120～240	200～400

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-40	V
Collector to Emitter Voltage	V_{CEO}	-40	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-3.0	A
Base Current – Continuous	I_B	-1.0	A
Collector Power Dissipation	P_C	1.5	W
Collector Power Dissipation	$P_C(T_C=25\ \ )$	10	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55～150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CBO}	V_{CB}=-40V I_E=0			-0.1	μA
Emitter Cut-Off Current	I_{EBO}	V_{EB}=-5.0V I_C=0			-0.1	μA
Collector to Emitter Breakdown Voltage	V_{CEO}	I_C=-10mA I_B=0	-40			V
DC Current Gain	$h_{FE(1)}$	V_{CE}=-2.0V I_C=-0.5A	80		400	
	$h_{FE(2)}$	V_{CE}=-2.0V I_C=-2.5A	25			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	I_C=-2.0A I_B=-0.2A			-0.8	V
Base to Emitter Voltage	V_{BE}	V_{CE}=-2.0V I_C=-0.5A			-1.0	V
Transition Frequency	f_T	V_{CE}=-2.0V I_C=-0.5A		100		MHz
Collector Output Capacitance	C_{ob}	V_{CB}=-10V I_E=0 f=1.0MHz		35		pF

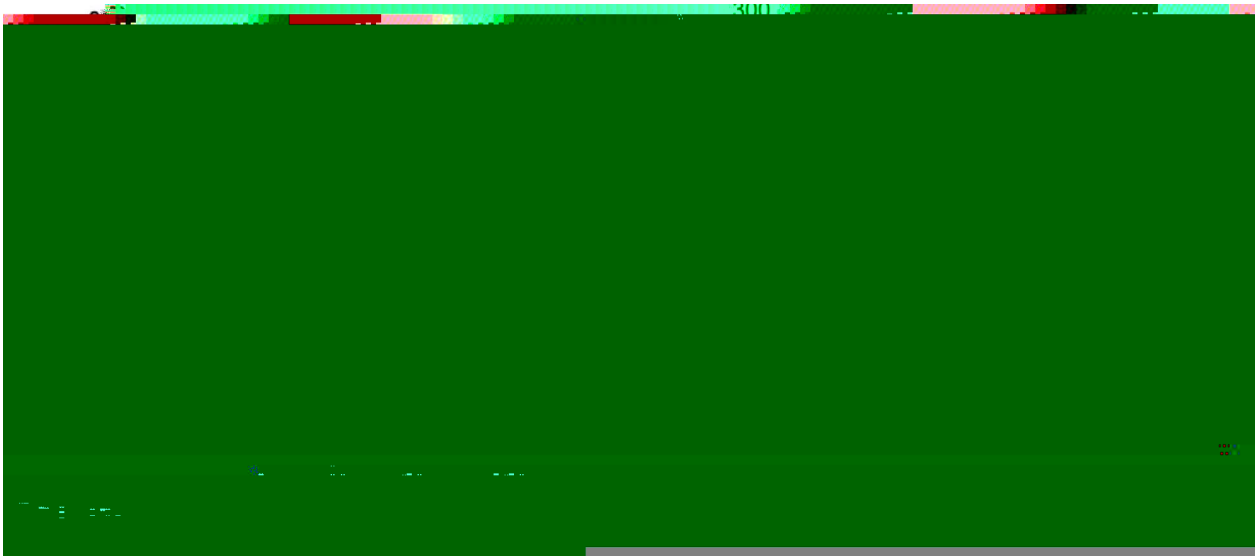

IC – VCE
COMMON EMITTER
Tc=25°C
IB=–10mA
IC (A)
VCE (V)
hFE – IC
COMMON EMITTER
VCE=–2V
Tc=100°C
25
–25
hFE
IC (A)
VCE(sat) – IC
COMMON EMITTER
IC/IB=10
Tc=100°C
25
–25
VCE(sat) (V)
IC (A)
IC – VBE
COMMON EMITTER
VCE=–2V
Tc=100°C
25
–25
IC (A)
SAFE OPERATING AREA
IC MAX. (PULSED)※
IC MAX. (CONTINUOUS)
10ms※
500ms※
DC OPERATION
Tc=25°C
※ SINGLE NONREPETITIVE PULSE Tc=25°C
CURVES MUST BE DERATED LINEARLY WITH INCREASE
VCEO MAX.
IC (A)
VCE (V)
PC – Ta
① Ta=Tc
INFINITE HEAT SINK
② NO HEAT SINK
PC (W)
Ta (°C)


单位：mm
1 2 3
A
C



Note:

BR:	Company Code
A1359:	Product Type.
O:	h_{FE} Classifications Symbol
****:	Lot No. Code, code change with Lot No.



1 25 150 60 90sec;	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.

Note:

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

/ BULK

Package Type 封装形式	Units 包装数量			Dimension 包装尺寸 (unit: mm^3)
	只 套管	套管 盒	只 盒	