



Epoxy meets UL-94 V-0 flammability rating
 Halogen free available upon request by adding suffix "HF"
 Moisture Sensitivity Level 1
 High Conductance
 Surface Mount Package Ideally Suited for Automatic
 Insertion

: SOT-323

Molding compound meets UL 94 V-0 flammability rating,
 RoHS-compliant, halogen-free

Tin plated leads, solderable per
 J-STD-002 and JESD22-B102

2SA1576A-Q	FQ
2SA1576A-R	FR
2SA1576A-S	FS

(Ta=25 unless otherwise noted)

Parameter	Symbol	Value	Unit
Collector-Base Voltage	V_{CBO}	-60	V
Collector-Emitter Voltage	V_{CEO}	-50	V
Emitter-Base Voltage	V_{EBO}	-6	V
Collector Current	I_C	-150	mA
Collector Power Dissipation	P_C	200	mW
Operation Junction Temperature	T_J	150	
Storage Temperature	T_{A_g}	-55 to +150	

(Example)

Part Number	Lead Type	Approximate Yield	3000	30000	120000	Reel
2SA1576A	F2	Approximate 0.005	3000	30000	120000	7" reel

6 \$ \$

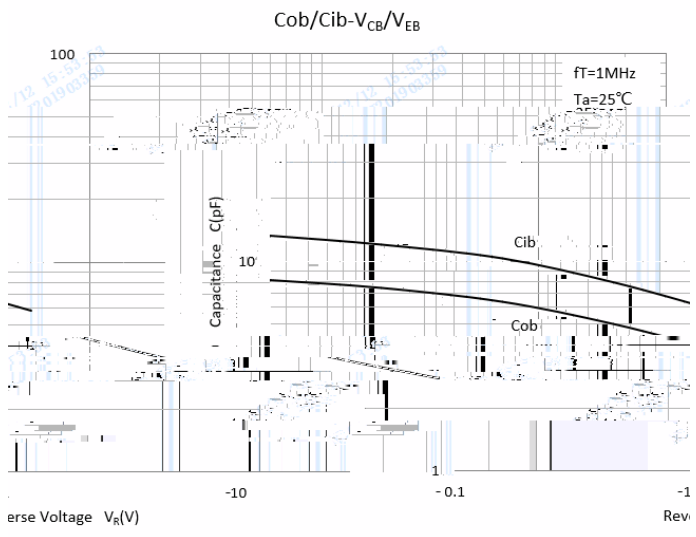
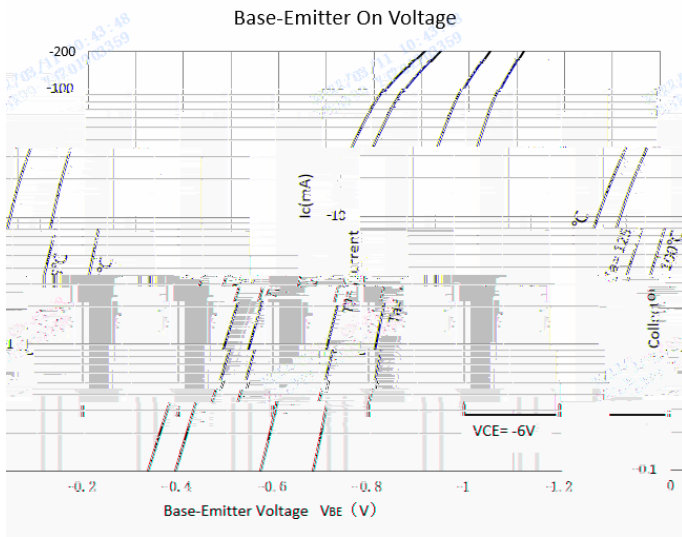
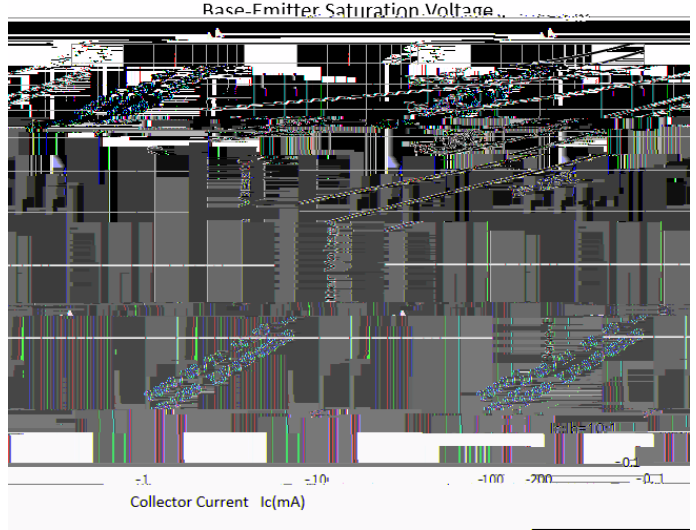
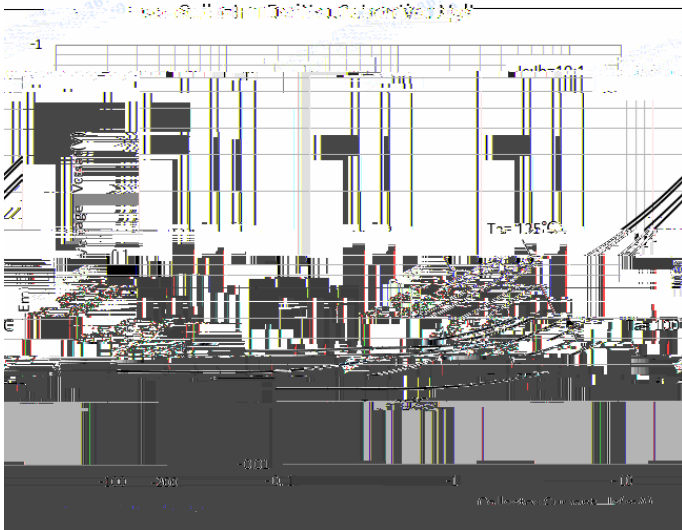
v(OHFWULFDO &K&DUDFWH&QDQWVFRWKHU&LVH VSHFLILHG

,WHP	6\PERO	8QLW	&RQGLWLRQV	0LQ	7<3	0D[
&ROOHFWRU EDVH EUHDNGRZQ YROWDJH			,& 9 \$,(
&ROOHFWRU HPLWWHU EUHDNGRZQ YROWDJH			& P\$9,%			
(PLWWHU EDVH EUHDNGRZQ YROWDJH9			,(9 \$,&			
&ROOHFWRU EDVH FXW RII FXUUHQW \$			9&% 9 ,(
(PLWWHU EDVH FXW RII FXUUHQW X\$			9(% 9 ,&			
'& FXUUHQW JDLQ)	K	9&(9 ,& P\$			
&ROOHFWRU HPLWWHU VDWXUDWLRQ YROWDJH			P\$,& P\$			
2XWSXW &DSDFLWDQFH		&RE	9 9&%	9 ,(I 0+]		
7UDQVLWLRQ IUHTXHQF\	7	0+] I	9&(9 ,& P\$ I	0+]		

v&ODVVLILFDWLRQ RI K

5DQN	6\$ \$ 4	6\$ \$ 5	6\$ \$ 6
5DQJH			

v&KDUDFWHULSVWDQV





The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

This publication supersedes & replaces all information previously supplied. For additional information, please visit our website [http:// www.21yangjie.com](http://www.21yangjie.com) , or consult your nearest Yangjie's sales office for further assistance.