

PNP General Purpose Amplifier



Features

- 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

Mechanical Data

Package: SOT-323

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

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

Marking:

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

Maximum Ratings (Ta=25 unless otherwise noted)

Item	Symbol	Rating	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	

Ordering Information (Example)

PREFERRED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
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

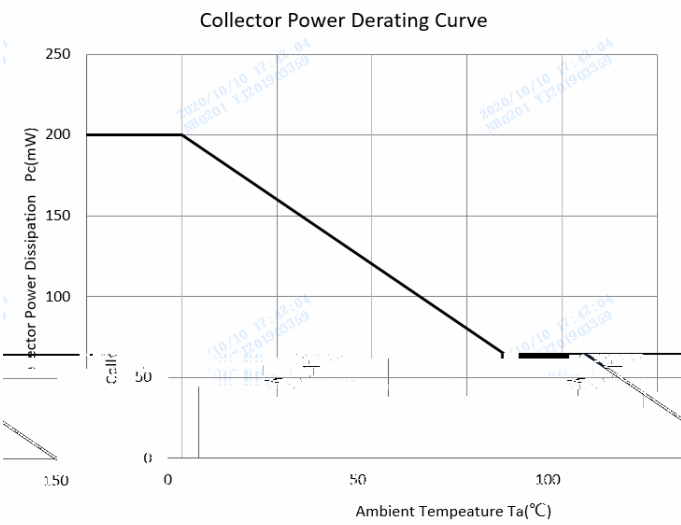
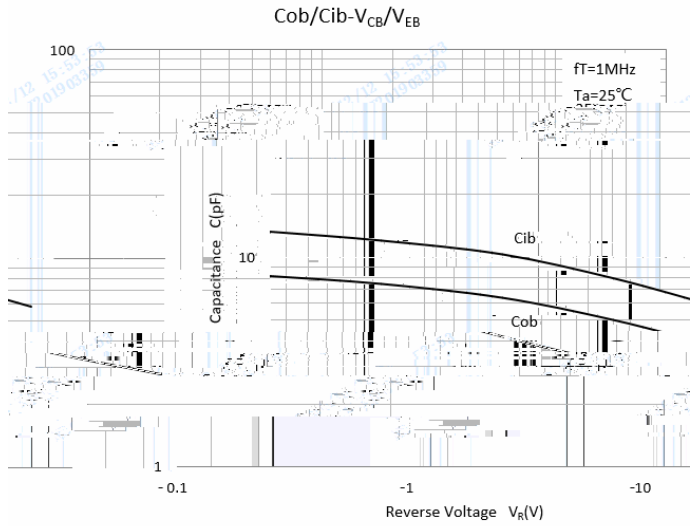
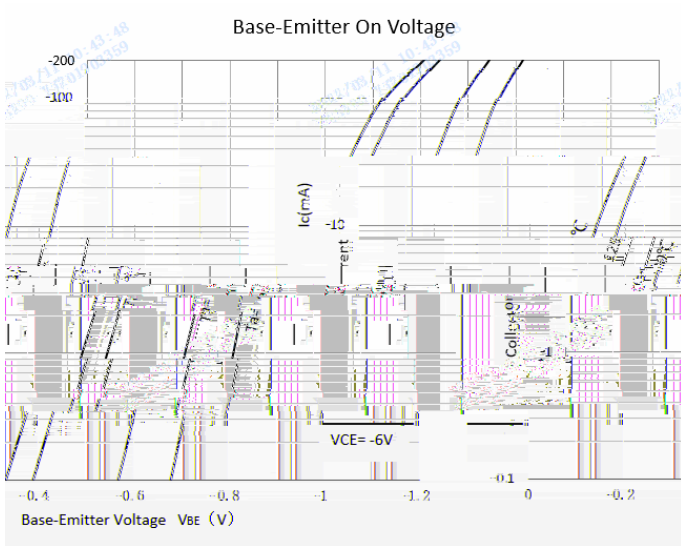
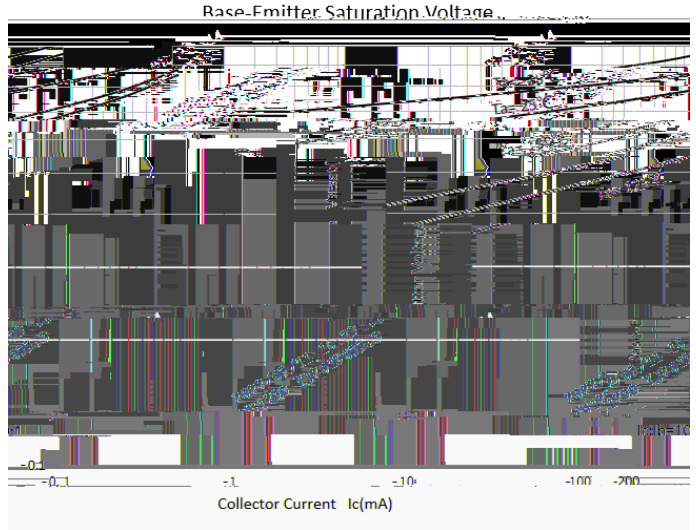
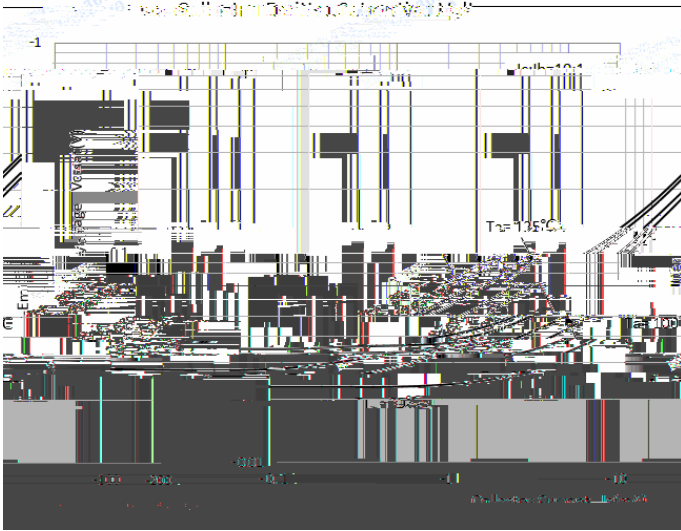
5DQN	6\$ \$ 4	6\$ \$ 5	6\$ \$ 6
5DQJH			

v&KDUDFWHULSVWDQV



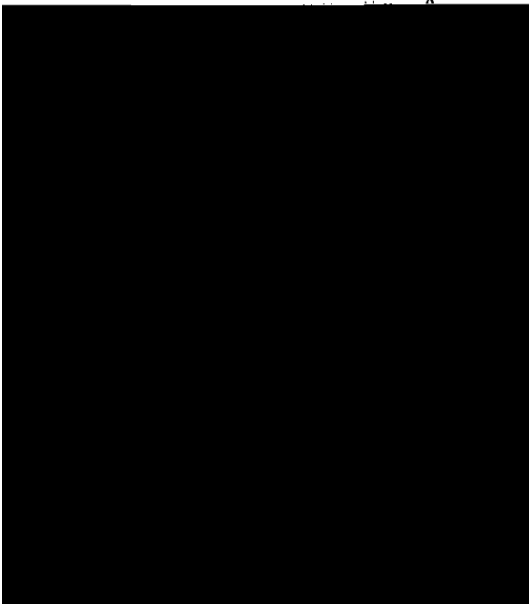
2SA1576A

RoHS
COMPLIANT



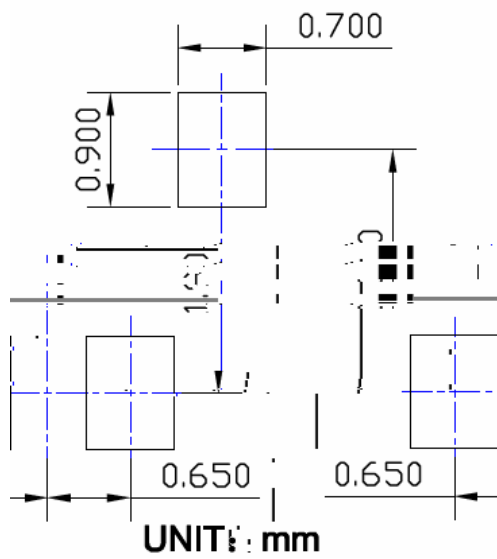


SOT-323 Package Outline Dimensions



DIMENSIONS				
SYMBOL	INCHES		Millimeter	
	MIN.	MAX.	MIN.	MAX.
A	0.035	0.043	0.900	1.100
A1	0.000	0.004	0.000	0.100
B	0.045	0.053	1.150	1.350
C	0.0085	0.0095	0.2150	0.2450
D	0.007	0.0077	0.1800	0.1950
E	0.028	0.030	0.710	0.760
F	0.008	0.010	0.200	0.250

SOT-323 Soldering Footprint





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