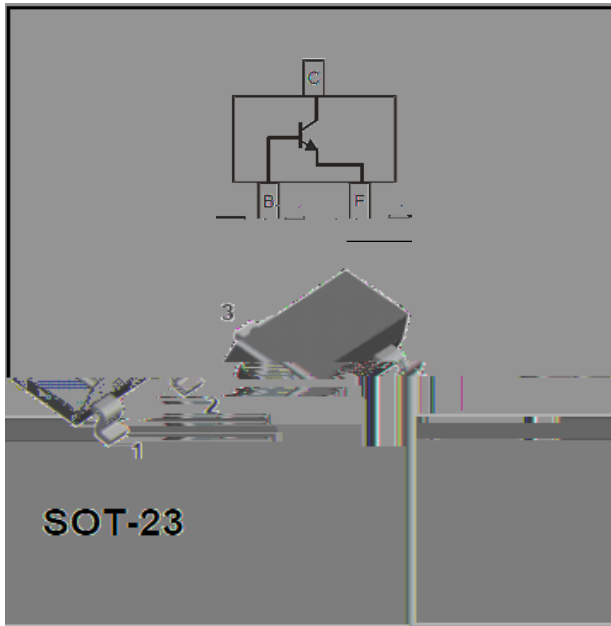


NPN Transistor



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-23
- 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:** 1P

■ Maximum Ratings (Ta=25 unless otherwise noted)

Item	Symbol	Unit	Value
Collector-Base Voltage	V_{CBO}	V	75
Collector-Emitter Voltage	V_{CEO}	V	40
Emitter-Base Voltage	V_{EBO}	V	6
Collector Current	I_C	mA	600
Collector Power Dissipation	P_{CN}	mW	-55 to +150

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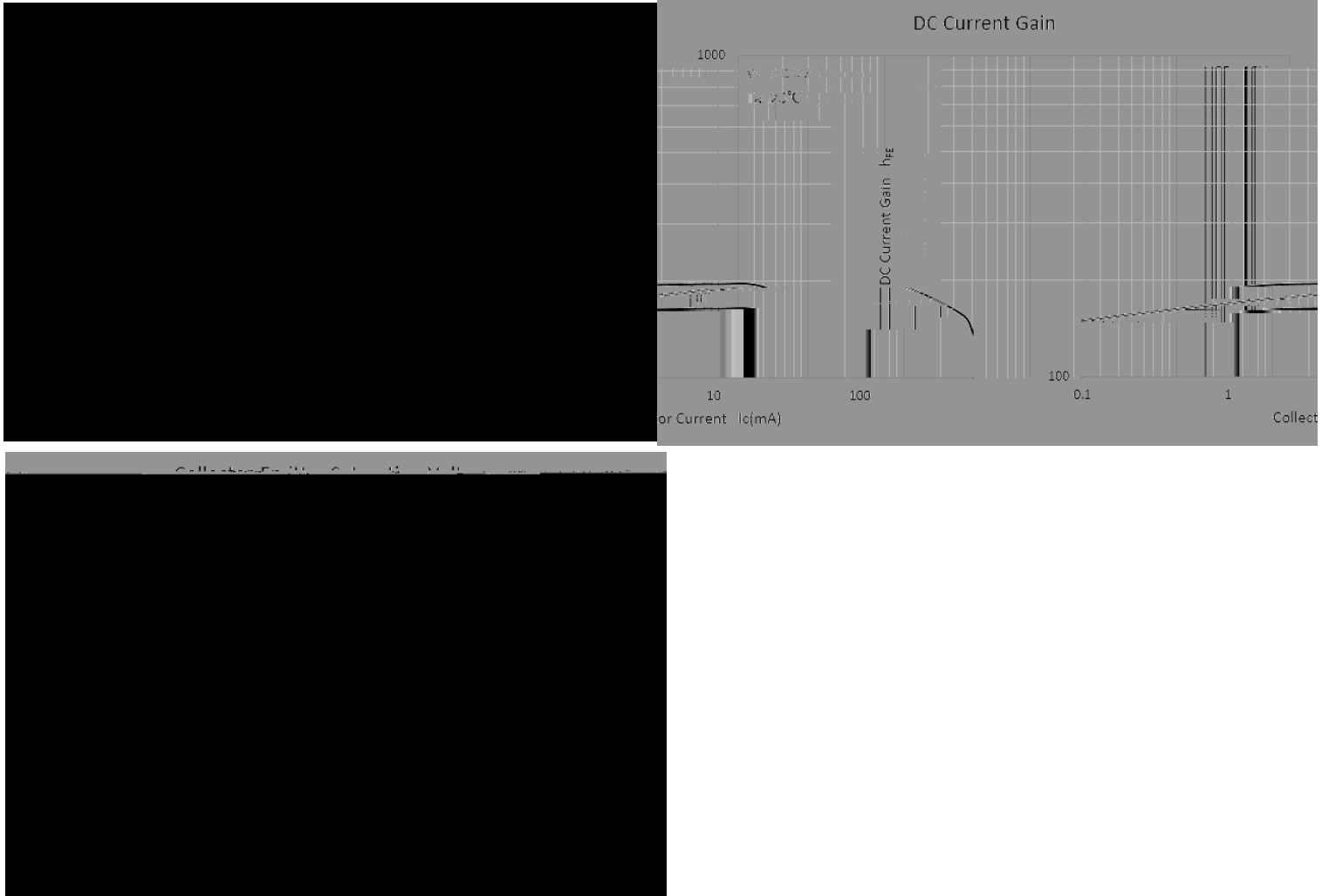
v(OHFWULFDO &KDTDFWJHOMWVFWKHUZZLVH QRWHG

,WHP	6\PERO	8QLW	&RQGLWLRQV	0LQ	7\S	0D[
&ROOHFWRU EDVH EUHDNGRZQ YROWDJH 9	YROWDJH 9		,& X\$,(<			
&ROOHFWRU HPLWWHU EUHDNGRZQ YROWDJH 9	YROWDJH 9		,& P\$,9%			
(PLWWHU EDVH EUHDNGRZQ YROWDJH 9	YROWDJH 9		,(< 9\$,&			
&ROOHFWRU HPLWWHU FXWR II FXUUHQW Q\$	FXUUHQW Q\$		9&(< 9 , 9(% 9			
&ROOHFWRU EDVH FXWR II FXUUHQW Q\$	FXUUHQW Q\$		9&%, 9 ,(<			
(PLWWHU EDVH FXWR II FXUUHQW 2	FXUUHQW 2		9(% 9 ,&			

'& FXUUHQW JDLQ	K<		9&(< 9 ,& P\$				rfaf„Ty~QP
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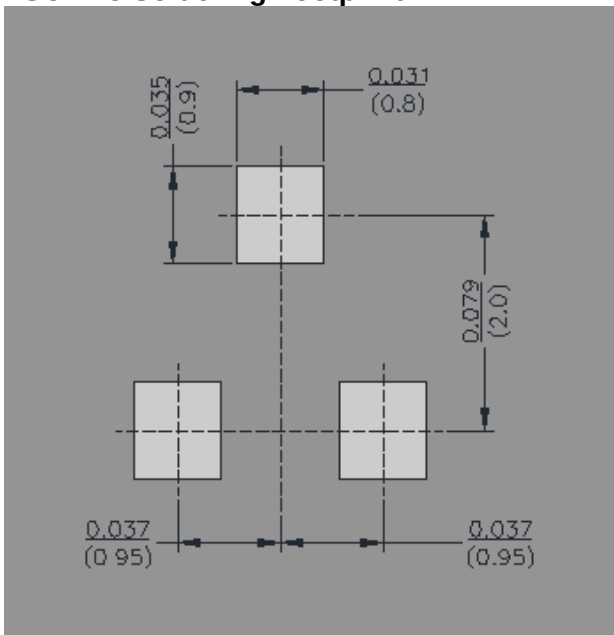
■ Characteristics (Typical)



■SOT-23 Package Outline Dimensions



■SOT-23 Soldering Footprint





Disclaimer

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