



SS8550-L THRU SS8550-H

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
- Marking:

SS8550-L	Y2 · L
SS8550-M	Y2 · M

Conditions	Value
$I_C = -100\mu A_{dc}$, $I_B = 0$	-25
$I_C = -100\mu A_{dc}$, $I_E = 0$	-40
$I_E = -100\mu A_{dc}$, $I_C = 0$	
	-1.5
$V_{CE} = -20V_{dc}$	-100
$V_{CB} = -40V_{dc}$	-100
$V_{EB} = -5.0V_{dc}$	-100
	300
	-55 to +150
	-55 to +150



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■On Characteristics

Item	Symbol	Unit	Conditions	Min	Max
DC Current Gain	h_{FE}		$I_C=-100mA$ $V_{CE}=-1.0Vdc$	120	350
			$I_C=-800mA$ $V_{CE}=-1.0Vdc$	40	
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	Vdc	$I_C=-800mA$ $I_B=-80mA$		-0.5
Base-Emitter Saturation Voltage	$V_{BE(sat)}$	Vdc	$I_C=-800mA$ $I_B=-80mA$		-1.2

■Small-signal Characteristics

Item	Symbol	Unit	Conditions	Min	Max
Transition frequency	f_T	MHz	$I_C=-50mAdc$, $V_{CE}=-10Vdc$, $f=30MHz$	100	

ΩClassification Of Hfe (1)

Rank	L	M	H
Range	120-200	160-300	200-350

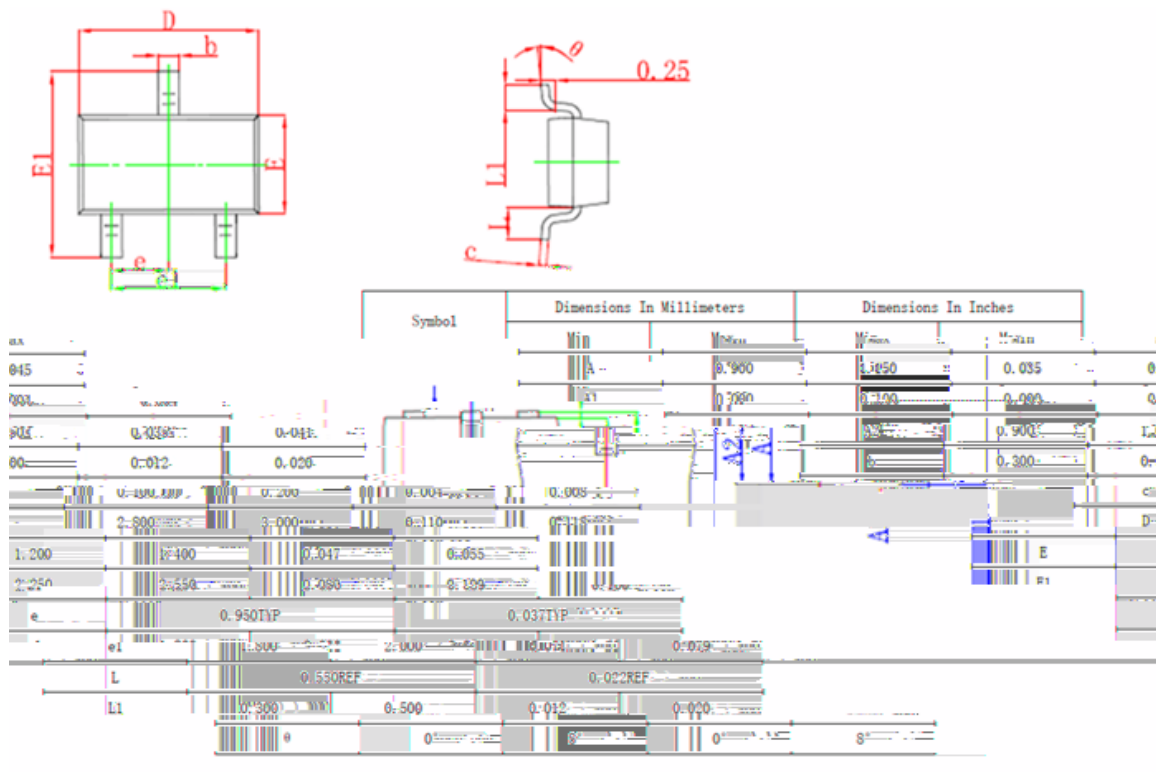
■Ordering Information (Example)

PREFERRED P/N	
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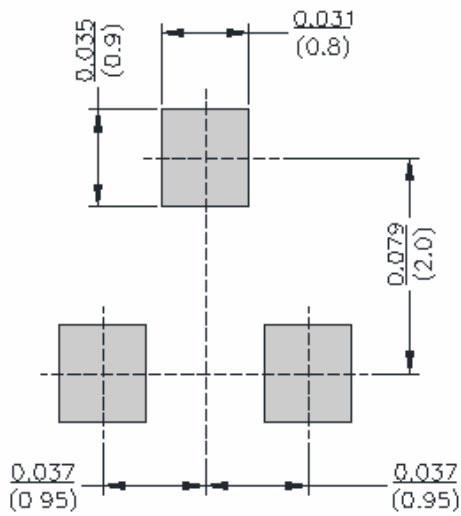


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■SOT-23 Package Outline Dimensions



QSOT-23 Soldering Footprint



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