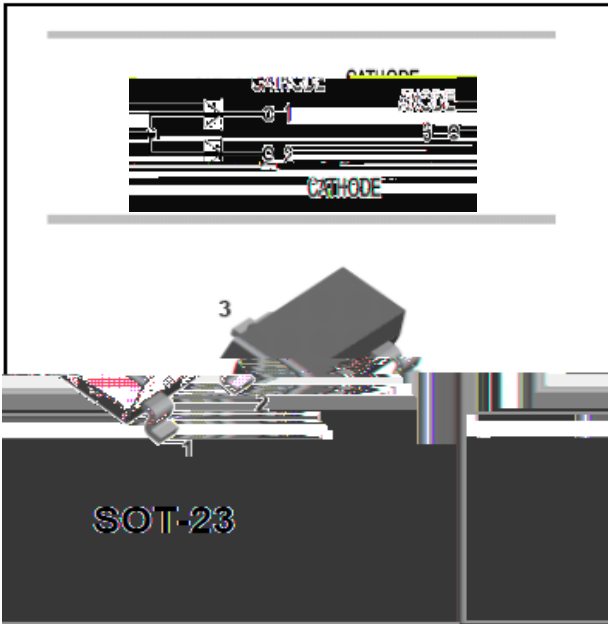




PNP General Purpose Amplifier



Features

- Epoxy meets UL-94 V-0 flammability rating
- Halogen free available upon request by adding suffix "HF"
- Moisture Sensitivity Level 1
- Marking:

S8550-L	2TY· L
S8550-H	2TY

Maximum Ratings

unless otherwise specified

Item

Symbol

		Unit	Conditions	Min	Typ	Max
Collector-base breakdown voltage	V_{CBO}	V	$I_C = -100\mu A, I_E = 0$	-40		
Collector-emitter breakdown voltage	V_{CEO}	V	$I_C = -100\mu A, I_B = 0$	-25		
Emitter-base breakdown voltage	V_{EBO}	V	$I_E = -100\mu A, I_C = 0$	-5		
Collector-Emitter cut-off current	I_{CEX}	nA	$V_{CE} = -20V, V_{BE} = -3V$			-100
Collector-base cut-off current	I_{CBO}	nA	$V_{CB} = -40V, I_E = 0$			-100
Emitter-base cut-off current	I_{EBO}	nA	$V_{EB} = -5V, I_C = 0$			-100
DC current gain	h_{FE1}		$V_{CE} = -1V, I_C = -50mA$	120		350
	h_{FE2}		$V_{CE} = -1V, I_C = -500mA$	50		
Collector-emitter saturation voltage	$V_{CE(sat)}$	V	$I_C = -500mA, I_B = -50mA$			-0.6
Base-emitter saturation voltage	$V_{BE(sat)}$	V	$I_C = -500mA, I_B = -50mA$			-1.2
Transition frequency	f_T	MHz	$V_{CE} = -6V, I_C = -20mA, f = 30MHz$	150		

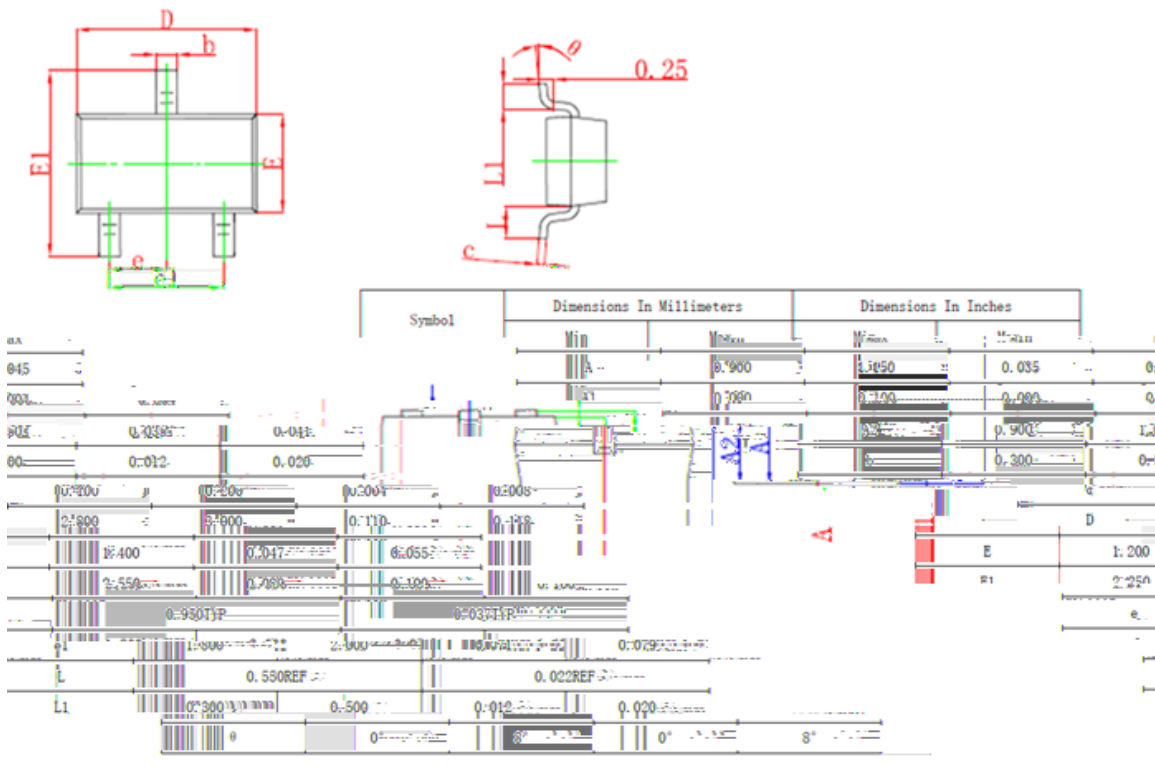




S8550-L THRU S8550-H

RoHS
COMPLIANT

SOT-23 Package Outline Dimensions



SOT-23 Soldering Footprint

