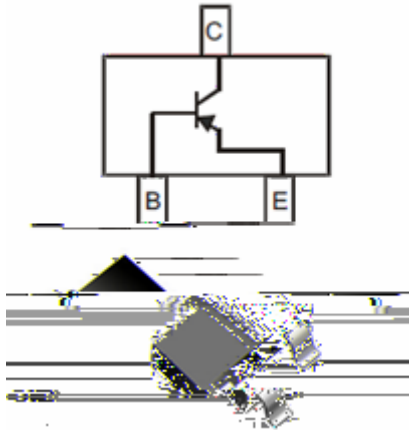


PNP General Purpose Amplifier



SOT-23

Features

free

Epoxy meets UL-94 V-0 flammability rating and halogen

Moisture Sensitivity Level 1

Part no. with suffix "Q" means AEC-Q101 qualified

Applications

Linear amplification

Mechanical Data

Case: SOT-23

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

Marking:

S8550-LQ	2TY L
S8550-HQ	2TY

Maximum Ratings (Ta=25 unless otherwise noted)

Item	Symbol	Unit	Conditions	Value
Collector-Base Voltage	V_{CBO}	V		-40
Collector-Emitter Voltage	V_{CEO}	V		-25
Emitter-Base Voltage	V_{EBO}	V		-5
Collector Current -Continuous	I_C	mA		-500
Total Device Dissipation	P_D	mW		300
Thermal Resistance Junction to Ambient	R_{thJA}	K/W		417
Maximum Junction Temperature	T_j	-		150
Storage Temperature	T_{STG}	-		-55 to +150



S8550-LQ THRU S8550-HQ

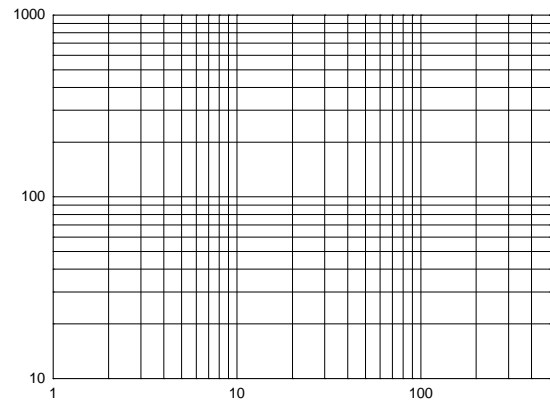
Electrical Characteristics (Ta=25 unless otherwise noted)

Item	Symbol	Unit
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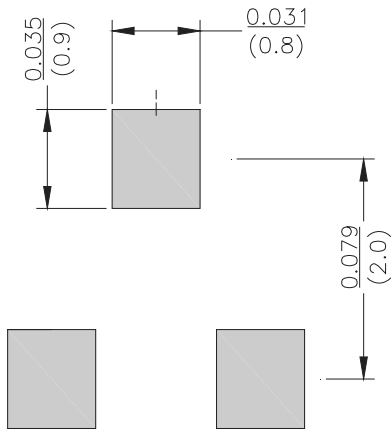
S8550-LQ THRU S8550-HQ

Characteristics (Typical)



v627 3DFNDJH 2XWOLQH 'LPHQVLRQV

v627 6XJJHVWHG 3DG /D\RXW



S8550-LQ THRU S8550-HQ