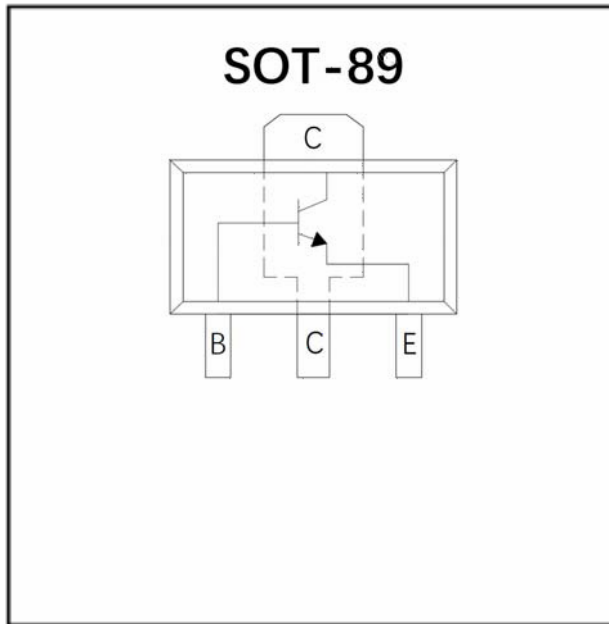


NPN General Purpose Amplifier



Features

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

Mechanical Data

- **Package:** SOT-89
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:** 1G6

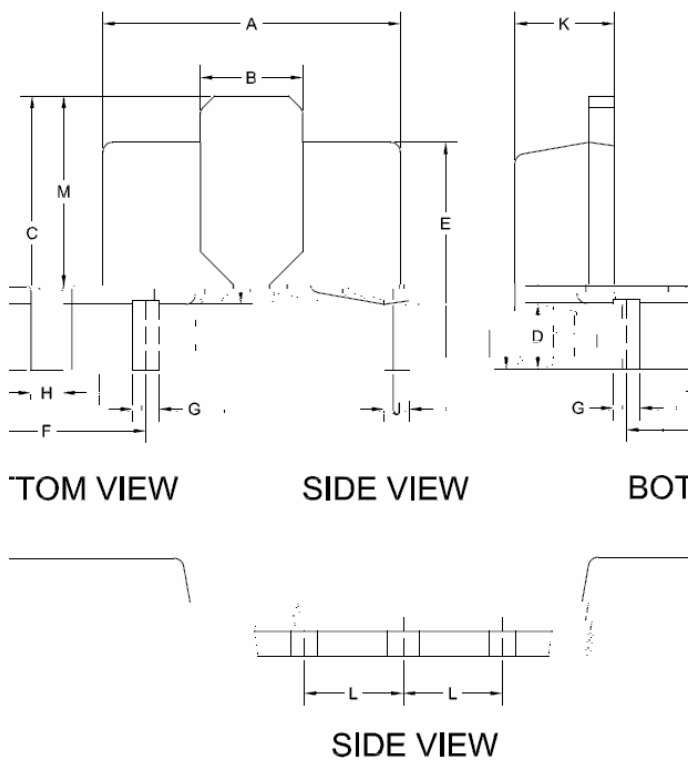
■Maximum Ratings (Ta=25 - unless otherwise noted)

Item	Symbol	Unit	Conditions	Value
Minimum Collector-Emitter Voltage	V_{CE0}	V	$I_C=1mA, I_B=0$	160
Minimum Collector-Base Voltage	V_{CBO}	V	$I_C=100\mu A, I_E=0$	180
Minimum Emitter-Base Voltage	V_{EBO}	V	$I_E=10\mu A, I_C=0$	6
Collector Current	I_C	mA		600
Collector Power Dissipation	P_C	mW		500
Thermal Resistance From Junction To Ambient	$R_{\theta JA}$	- /W		250
Operation Junction Temperature	T_j	-		-55 to +150
Storage Temperature	T_{stg}	-		-55 to +150

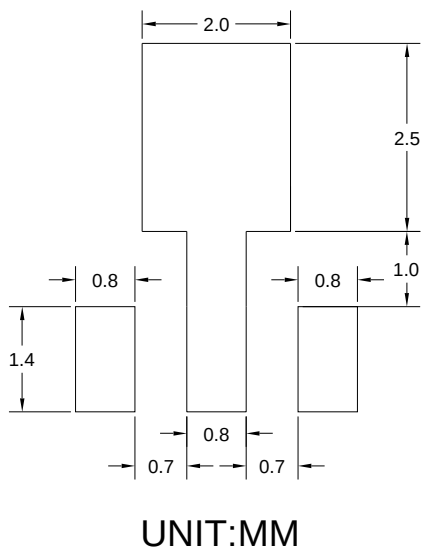
CXT5551



■SOT-89 Package Outline Dimensions



■SOT-89 Suggested Pad Layout





Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice. The information is provided in Chinese and English. The Chinese version is the final one. The English version is for reference only. The information is provided in Chinese and English. The Chinese version is the final one. The English version is for reference only.