



Features

- Epoxy meets UL-94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Part no. with suffix "Q" means AEC-Q101 qualified

Application

Ideal for general purpose amplification and switching

Mechanical Data

Package: SOT-323

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

Marking: K4N

Maximum Ratings (Ta=25 °C)

Item	Symbol	Unit	Value
Collector-Emitter Voltage	V_{CE0}	V	160
Collector-Base Voltage	V_{CBO}	V	180
Emitter-Base Voltage	V_{EBO}	V	6.0
Collector Current	I_C	mA	600
Collector Power Dissipation (*)	P_C	mW	200
Thermal Resistance Junction to Ambient (*)	R_{thJA}	K/W	625
Operation Junction Temperature	T_j		150
Storage Temperature	T_{stg}		-55 to +150

(*) Device mounted on FR-4 PCB 1.0 x 1.0 x 0.06 inch

