

2SC2411K

NPN GENERAL PURPOSE SWITCHING TRANSISTOR

VOLTAGE	32 Volts	POWER	225mW
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FEATURES

- NPN epitaxial silicon, planar design
- Collector-emitter voltage $V_{CE}=32V$
- Collector current $I_C=500mA$

MECHANICAL DATA

Case : SOT-23 plastic

Terminals : Solderable per MIL-STD-750, Method 2026

Approx Weight : 0.008 grams

Marking : 241

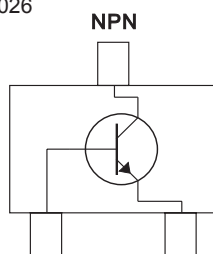


Fig.34

ABSOLUTE RATINGS ($T_A=25^{\circ}C$)

Parameter	Symbol	Value	Units
Collector-Emitter Voltage	V_{CEO}	32	V
Collector-Base Voltage	V_{CBO}	40	V
Emitter-Base Voltage	V_{EBO}	5	V
Collector Current Continuous	I_C	500	mA

THERMAL CHARACTERISTICS

Parameter	Symbol	Value	Units
Max. Power Dissipation (Note 1)	P_{TOT}	225	mW
Thermal Resistance, Junction to Ambient	$R_{\theta JA}$	556	$^{\circ}C/W$
Junction Temperature	T_J	-55 to +150	$^{\circ}C$
Storage Temperature	T_{STG}	-55 to +150	$^{\circ}C$

NOTE : 1. Transistor mounted on FR-4 board 70 x 60 x 1mm