

Micro Commercial Components

Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

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MMSTA92

Features

- Epitaxial Planar Die Construction
- Ideal for Medium Power Amplification and Switching
- Ultra-small surface mount package
- Marking:K3R
- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0 and MSL Rating 1

Maximum Ratings

Symbol	Rating	Rating	Unit
V_{CEO}	Collector-Emitter Voltage	300	V
V_{CBO}	Collector-Base Voltage	300	V
V_{EBO}	Emitter-Base Voltage	5.0	V
l _c	Collector Current-Continuous (1) (3)	100	mA
Pc	Power dissipation (1)	200	mW
T_J	Junction Temperature	-55 to +150	°C
T _{STG}	Storage Temperature	-55 to +150	°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

Vdc Vdc
Vdc
Vdc
nAdc
nAdc
5 Vdc
9 Vdc
MHz

Note: 1. Valid provided that terminals are kept at ambient temperature.

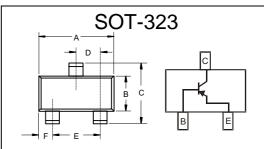
2. Pulse test: Pulse width<300us, duty cycle<2%

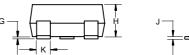
Collector-Base Capacitance

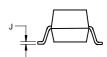
(V_{CB}=20V, f=1.0MHz, I_E=0)

3. When operated within safe operating area constraints.

PNP Small Signal Transistors

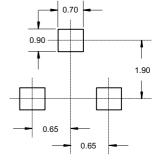






DIMENSIONS						
	INCHES		MM			
DIM	MIN	MAX	MIN	MAX	NOTE	
Α	.071	.087	1.80	2.20		
В	.045	.053	1.15	1.35		
С	.079	.087	2.00	2.20		
D	.026 N	ominal	0.65Nom	inal		
Е	.047	.055	1.20	1.40		
F	.012	.016	.30	.40		
G	.000	.004	.000	.100		
Н	.035	.039	.90	1.00		
J	.004	.010	.100	.250		
K	.012	.016	.30	.40		

Suggested Solder Pad Layout



6.0



Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel3Kpcs/Reel

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