



Micro Commercial Components

Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311 Phone: (818) 701-4933 Fax: (818) 701-4939

Features

- Ultra-Small Surface Mount Package
- Fast Switching Speed
- For General Purpose Switching Applications
- High Conductance
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1



Marking : T3

Maximum Ratings

- Operating Temperature: -65°C to +150°C
- Storage Temperature: -65°C to +150°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

Peak Repetitive Reverse Voltage	V _{RRM}	250V	_
Average Rectified Output Current	Ι _ο	200mA	
Power Dissipation	PD	150mW	
Peak Forward Surge Current @t=1.0us @t=1.0s	I _{FSM}	2.5A 0.5A	
Maximum Instantaneous Forward Voltage	V _F	1V 1.25V	IF=100mA IF=200mA
Maximum DC Reverse Current At Rated DC Blocking Voltage	I _R	100nA	V_R =250Volts
Typical Total Capacitance	C _T	5pF	Measured at 1.0MHz, V _R =0V
Reverse Recovery Time	T _{rr}	50nS	IF = IR = 30mA, Irr = 0.1 x I _R , RL = 100\Omega

150mW 250 Volt Switching Diode

BAS21T

SOT-523

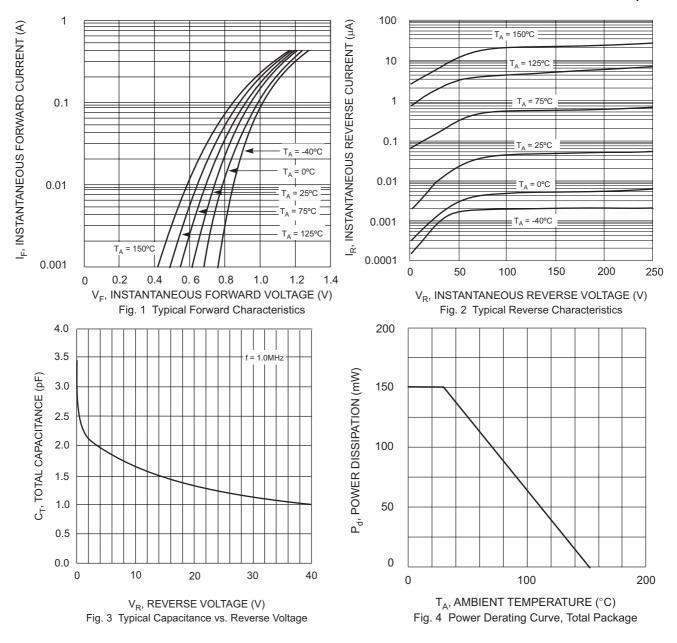
DIMENSIONS							
	INCHES		ММ				
DIM	MIN	MAX	MIN	MAX	NOTE		
Α	.059	.067	1.50	1.70			
В	.030	.033	0.75	0.85			
С	.057	.069	1.45	1.75			
D	.020 Nominal		0.50Nominal				
E	.035	.043	0.90	1.10			
G	.000	.004	.000	.100			
Н	.028	.031	.70	0.80			
J	.004	.008	.100	.200			
K	.010	.014	.25	.35			

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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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