

Micro Commercial Components



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

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BAS16TW MMBD4148TW

Features

- Power dissipation: 200mW (T_{amb}=25℃)
- Forwardcurrent:150mA
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Halogen free available upon request by adding suffix "-HF"
- Lead Free Finish/Rohs Compliant ("P"Suffix designates RoHS Compliant. See ordering information)

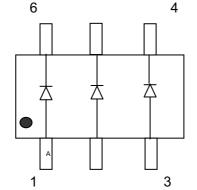
Maximum Ratings

- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

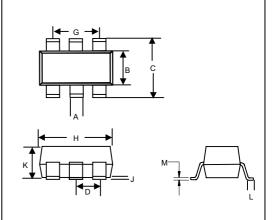
V_R	75V	I _R =100 μ A
I _F	150mA	
	0.715V	I _{FM} =1mA;
V_{F}	0.855	I _{FM} =10mA;
	1.0V	I _{FM} =50mA;
	1.25V	I _{FM} =150mA;
I_R	1.0μΑ	V _R =75Volts
	0.025μA	V _R =20Volts
	•	
C_D	2pF	Measured at
	•	1.0MHz, V_R =0V
T _{rr}	4ns	I _F =I _R =10mA,
		R _L =100 OHM
		Irr=0.1I _R
	I _F V _F I _R	I _F 150mA V _F 0.715V 0.855 1.0V 1.25V I _R 1.0μA 0.025μA C _D 2pF

Marking: KA2



200mW Switching Diode





DIMENSIONS							
	INCHES		MM				
DIM	MIN	MAX	MIN	MAX	NOTE		
Α	.006	.014	0.15	0.35			
В	.045	.053	1.15	1.35			
O	.085	.096	2.15	2.45			
D	.026		0.65N	ominal			
G	.047	.055	1.20	1.40			
H	.071	.087	1.80	2.20			
٦		.004		0.10			
K	.035	.043	0.90	1.10			
L	.010	.018	0.26	0.46			
М	.003	.006	0.08	0.15			



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Ordering Information:

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

Note: Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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