

Micro Commercial Components



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

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RB480KS

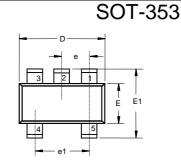
- Halogen free available upon request by adding suffix "-HF" Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Low Current Rectification
- High Reliability
- Marking: 3T

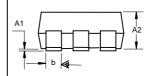
Schottky Barrier Diode

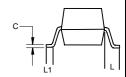
40 Volts

Maximum Ratings

Symbol	Parameter	Rating	Unit
V_{RM}	Peak Reverse Voltage	45	V
V_R	DC Reverse Voltage	40	V
Ιο	Mean Rectifying Current	0.1	Α
I _{FSM}	Peak Forward Surge Current	1	Α
TJ	Junction Temperature	125	$^{\circ}\mathbb{C}$
T _{STG}	Storage Temperature	-40 to +125	$^{\circ}\mathbb{C}$







DIMENSIONS						
	INCHES		MM			
DIM	MIN	MAX	MIN	MAX	NOTE	
A1		.004		0.100		
A2	.035	.039	0.900	1.000		
b	.006	.014	0.150	0.350		
С	.003	.006	0.080	0.150		
D	0.79	.087	2.000	2.200		
Е	.045	.053	1.150	1.350		
E1	.085	.096	2.150	2.450		
_	02	6TVD	0.6	FUTVD		

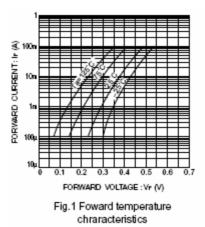
Electrical Characteristics @ 25°C Unless Otherwise Specified

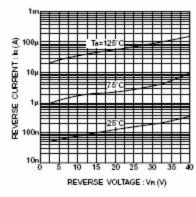
Symbol	Parameter	Min	Тур	Max	Units	
OFF CHARACTERISTICS						
V _F	Forward Voltage (I _F =10mAdc) (I _F =100mAdc)			0.45 0.60	Vdc	
I _R	Reverse Current (V _R =10Vdc) (V _R =40Vdc)			1 5	uAdc	
C_D	Diode Capacitance $(V_R=0V)$ $(V_R=10V, f=1MHz)$		6	25 	pF	



Internal Diagram







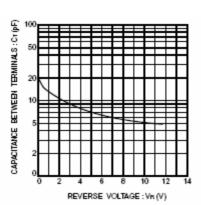
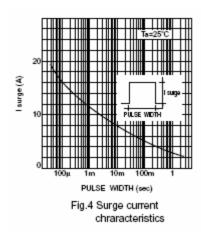


Fig.2 Reverse temperature chraracteristics

Fig.3 Capacitance between terminals chraracteristics





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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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