



Micro Commercial Components



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

## SK3200B-L

### Features

- Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates RoHS Compliant. See ordering information)
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- For Surface Mount Applications
- Easy Pick And Place
- High Temp Soldering: 260°C for 10 Seconds At Terminals

### Maximum Ratings

- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C
- Maximum Thermal Resistance; 11°C/W Junction To Lead

MCC Catalog Number	Device Marking	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
SK3200B-L	SK3200	200V	140V	200V

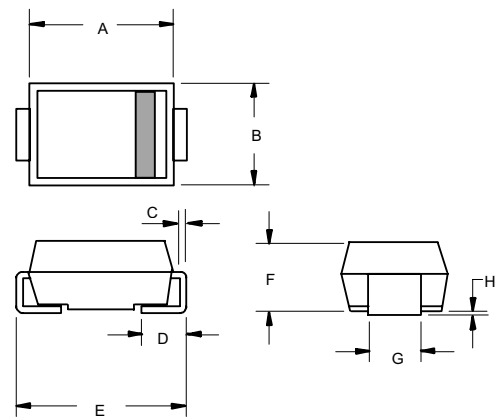
### Electrical Characteristics @ 25°C Unless Otherwise Specified

Average Forward Current	$I_{F(AV)}$	3.0A	$T_L = 70^\circ\text{C}$
Peak Forward Surge Current	$I_{FSM}$	100A	8.3ms, half sine
Maximum Instantaneous Forward Voltage	$V_F$	.86V .63V(Typ.)	$I_{FM} = 3.0\text{A};$ $T_J = 25^\circ\text{C}$ $T_J = 125^\circ\text{C}$
Maximum DC Reverse Current At Rated DC Blocking Voltage	$I_R$	0.5mA 2mA	$T_J = 25^\circ\text{C}$ $T_J = 125^\circ\text{C}$

Notes: 1. High Temperature Solder Exemption Applied, see EU Directive Annex Notes 7.

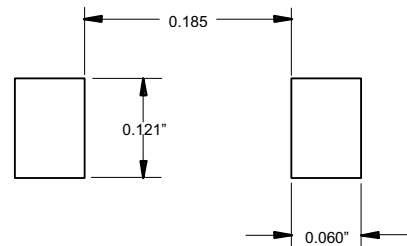
## 3 Amp Schottky Rectifier 200 Volts

### DO-214AA (SMB) (LEAD FRAME)

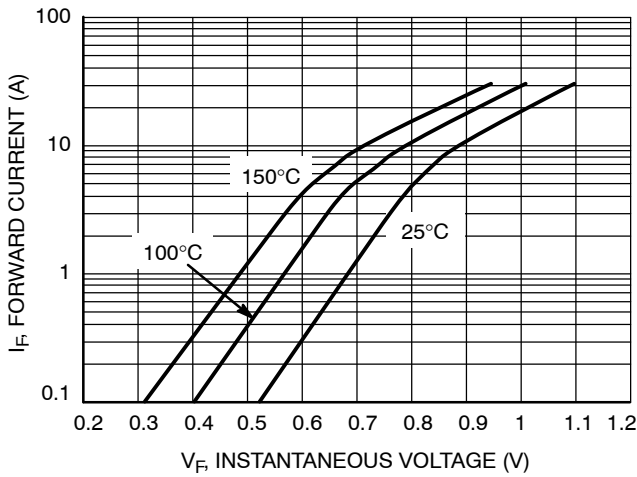


DIM	DIMENSIONS				NOTE
	INCHES		MM		
A	MIN .160	MAX .185	MIN 4.06	MAX 4.70	
B	MIN .130	MAX .155	MIN 3.30	MAX 3.94	
C	MIN .006	MAX .012	MIN 0.15	MAX 0.31	
D	MIN .030	MAX .060	MIN 0.76	MAX 1.52	
E	MIN .200	MAX .220	MIN 5.08	MAX 5.59	
F	MIN .079	MAX .096	MIN 2.00	MAX 2.44	
G	MIN .075	MAX .087	MIN 1.91	MAX 2.21	
H	MIN .002	MAX .008	MIN 0.05	MAX 0.203	

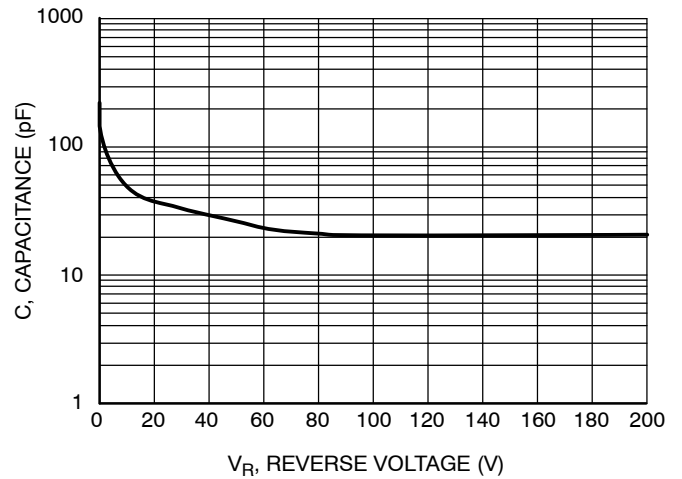
### SUGGESTED SOLDER PAD LAYOUT



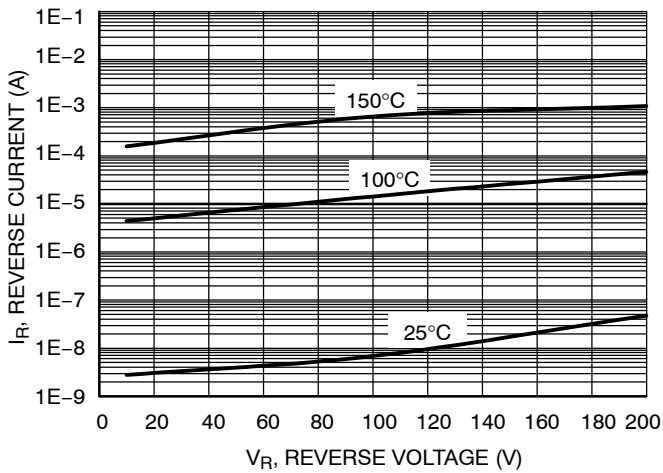
# SK3200B-L



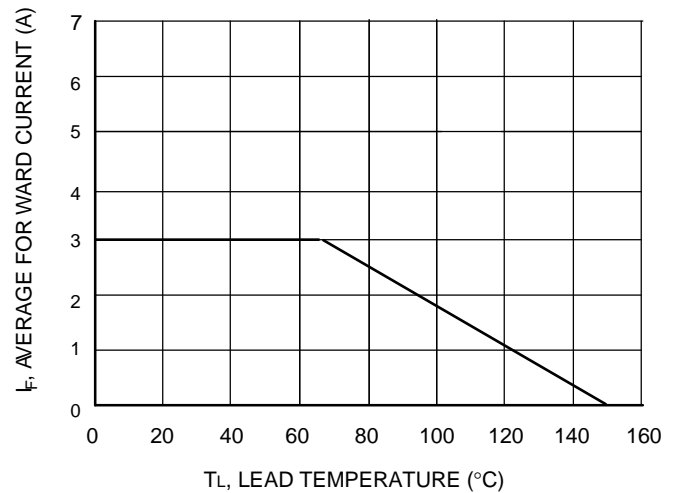
**Figure 1. Typical Forward Voltage**



**Figure 2. Typical Capacitance**



**Figure 3. Typical Reverse Current**



**Figure 4. Derating Curve**



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Ordering Information :

Device	Packing
SK3200B-LTP	Tape&Reel: 3Kpcs/Reel

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