Micro Commercial Components

Micro Commercial Components Corp.

Products End of Life Notification

Issue date: Aug-1th-2008

Last Buy Date :Jan-1th-2009

Description and Purpose:

MCC has undergone a review of its core business and products , and determined to discontinue below products:

Discontinued Devices	Possible Replacements
RB400D	RB400DS
RB411D	RB411DS
RB420D	RB420DS
RB421D	RB421DS
RB425D	RB425DS
RB491D	RB491DS
RB495D	RB495DS

Obsolete

Micro Commercial Components

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

RB420D

0.1 Amp Schottky Barrier Rectifier 40 Volts

Features

- Small surface mounting type
- Low reverse current and low forward voltage
- High reliability
- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0

Maximum Ratings

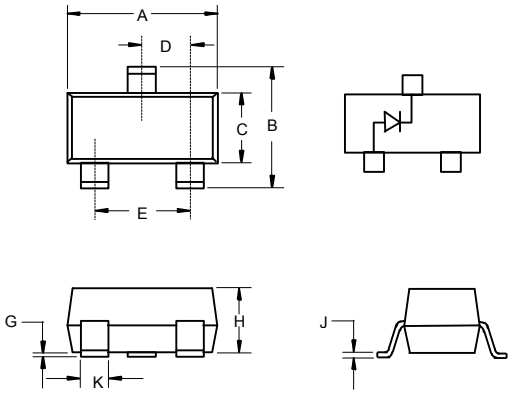
Parameter	Symbol	Value	Unit
Peak Reverse Voltage	V_{RM}	40	V
DC Reverse Voltage	V_R	40	V
Mean Rectifying Current	I_O	100	mA
Peak Forward Surge Current	I_{FSM}	1	A
Junction Temperature	T_J	125	℃
Storage Temperature	T_{STG}	-40 to 125	℃

Electrical Characteristics @ 25°C Unless Otherwise Specified

Parameter	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage @ I_F=10mA	V_F	---	---	0.45	V
Reverse Current @ V_R=10V	I_R	---	---	1	uA
Capacitance Between Terminals @V_R =10V, f=1MHz	C_T	---	6	---	pF

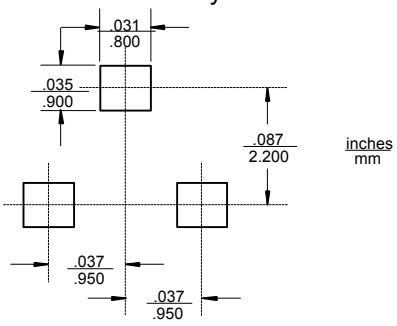
Marking: D3B

SOT-23-3L



DIMENSIONS					
	INCHES		MM		
DIM	MIN	MAX	MIN	MAX	NOTE
A	.113	.117	2.87	2.97	
B	.108	.112	2.75	2.85	
C	.061	.065	1.55	1.65	
D	.036	.038	.925	.975	
E	.073	.077	1.85	1.95	
G	.0016	.0039	.04	.100	
H	.044	.049	1.12	1.25	
J	.006	.007	.14	.17	
K	.013	.015	.34	.37	

Suggested Solder Pad Layout



Micro Commercial Components

IMPORTANT NOTICE
Micro Commercial Components Corp . reserves the right to make changes without further notice to any product herein to make corrections, modifications , enhancements , improvements , or other changes . *Micro Commercial Components Corp* . does not assume any liability arising out of the application or use of any product described herein; neither does it convey any license under its patent rights ,nor the rights of others . The user of products in such applications shall assume all risks of such use and will agree to hold *Micro Commercial Components Corp* . and all the companies whose products are represented on our website, harmless against all damages.
APPLICATIONS DISCLAIMER
Products offer by *Micro Commercial Components Corp* . are not intended for use in Medical, Aerospace or Military Applications.