



Micro Commercial Components

Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

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RB421D

Features

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

0.1 Amp Schottky Barrier Rectifier 40 Volts

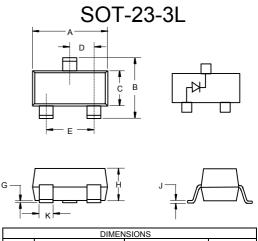
Maximum Ratings

Parameter	Symbol	Value	Unit
Peak Reverse Voltage	V_{RM}	40	V
DC Reverse Voltage	V_R	40	V
Mean Rectifying Current	Io	100	mA
Peak Forward Surge Current	I _{FSM}	1	А
Junction Temperature	T_J	125	°C
Storage Temperature	T _{STG}	-40 to 125	$^{\circ}\mathbb{C}$

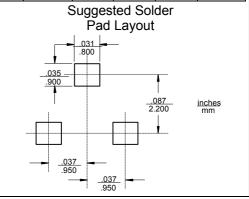
Electrical Characteristics @ 25°C Unless Otherwise Specified

Parameter	Symbol	Min.	Тур.	Max.	Unit
Forward Voltage @ I _F =100mA @ I _F =10mA	V_{F}	-	-	0.55 0.34	V
Reverse Current @ V _R =10V	I _R			30	μΑ
Capacitance Between Terminals @V _R =10V, f=1MHz	Ст		6		pF

Marking: D3C



DIMENSIONS						
	INCHES		М			
DIM	MIN	MAX	MIN	MAX	NOTE	
Α	.113	.117	2.87	2.97		
В	.108	.112	2.75	2.85		
O	.061	.065	1.55	1.65		
О	.036	.038	.925	.975		
Е	.073	.077	1.85	1.95		
G	.0016	.0039	.04	.100		
I	.044	.049	1.12	1.25		
J	.006	.007	.14	.17		
Κ	.013	.015	.34	.37		





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