

**Micro Commercial Components** 



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

Phone: (818) 701-4933 Fax: (818) 701-4939

## **RB495DS**

## **Features**

- Small surface mounting type
- Low reverse current and low forward voltage
- High reliability
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1

## 0.4 Amp Schottky Barrier Rectifier 25 Volts

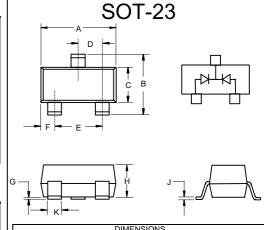
# **Maximum Ratings**

Parameter	Symbol	Value	Unit
Peak Reverse Voltage	$V_{RM}$	40	V
DC Reverse Voltage	$V_R$	25	V
Mean Rectifying Current	Io	400	mA
Peak Forward Surge Current	I <sub>FSM</sub>	2	А
Junction Temperature	TJ	-40 to 125	$^{\circ}\!\mathbb{C}$
Storage Temperature	T <sub>STG</sub>	-40 to125	$^{\circ}\!\mathbb{C}$

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

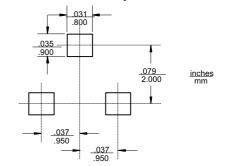
Parameter	Symbol	Min.	Тур.	Max.	Unit
Forward Voltage @ I <sub>F</sub> =10mA @ I <sub>F</sub> =200mA	V <sub>F</sub>		-	0.3 0.5	V
Reverse Current @V <sub>R</sub> =25V	I <sub>R</sub>			70	uA

Marking: D3Q



DIMENSIONS					
	INCHES		ММ		
DIM	MIN	MAX	MIN	MAX	NOTE
Α	.110	.120	2.80	3.04	
В	.083	.104	2.10	2.64	
O	.047	.055	1.20	1.40	
D	.035	.041	.89	1.03	
Е	.070	.081	1.78	2.05	
F	.018	.024	.45	.60	
G	.0005	.0039	.013	.100	
Η	.035	.044	.89	1.12	
٦	.003	.007	.085	.180	
K	.015	.020	.37	.51	

### Suggested Solder Pad Layout





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### Ordering Information:

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

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