



## *Micro Commercial Components Corp.*

### Products End of Life Notification

Issue date: Jan-1<sup>st</sup>-2009

Last Buy Date :N/A

Description and Purpose:

MCC has undergone a review of its core business and products , and

determined to discontinue below products:

Discontinued Devices	Possible Replacements
SD101A	N/A
SD101B	N/A
SD101C	N/A
SD103A	N/A
SD103B	N/A
SD103C	N/A
LLSD101A	SD101AW
LLSD101B	SD101BW
LLSD101C	SD101CW
LLSD103A	SD103AW
LLSD103B	SD103BW
LLSD103C	SD103CW
1N5711	N/A
DL5711	1N5711W
1N6263	N/A
DL6263	1N6263W



Micro Commercial Components

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

**DL5711**  
**DL6263**

## Features

- For general purpose applications
- These diodes are also available in the DO-35 case with type designation 1N5711 and 1N6263, in the Micro-MELF case with type designation MCL5711 and MCL6263.
- Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates Compliant. See ordering information)

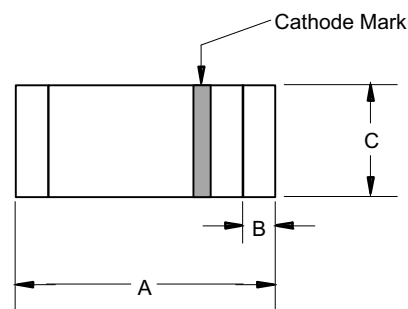
## Maximum Ratings

Repetitive Peak Reverse Voltage	DL5711 DL6263	$V_R$	70V 60V	
Maximum Forward Surge Current		$I_{FSM}$	2.0A	$t_p < 10\mu s$ , $T_A = 25^\circ C$
Power Dissipation		$P_{TOT}$	400mW*	
Junction Temperature		$T_J$	125°C	
Storage Temperature Range		$T_{STG}$	-55~+150°C	

\* Valid provided that electrodes are kept at ambient temperature

## Small Signal Schottky Diodes

### MINIMELF



## Electrical Characteristics @ 25°C Unless Otherwise Specified

Maximum Forward Voltage	$V_F$	0.41V 1.0V	$I_F = 1.0mA$ $I_F = 15mA$
Minimum Reverse Breakdown voltage	DL5711 DL6263	$V_R$	70V 60V
Maximum Leakage current	$I_R$	200nA	$V_R = 50V$
Maximum Junction Capacitance	$C_J$	2.0pF	$V_R = 0, f = 1MHz$
Maximum Reverse recovery time	$t_{rr}$	1.0ns	$I_F = 5.0mA$ , $I_R = 5.0mA$
Maximum Thermal resistance junction to Ambient Air	$R_{\theta JA}$	0.3K/W	

Note:1.Lead in Glass Exemption Applied, see EU Directive Annex 5.

DIM	DIMENSION				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	.134	.142	3.40	3.60	
B	.008	.016	0.20	0.40	
C	.055	.059	1.40	1.50	

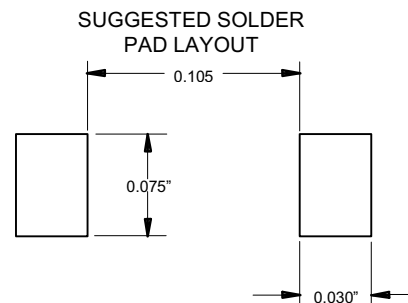


Fig.1 Typical variation of fwd. current vs forward. voltage for primary conduction through the Schottky barrier

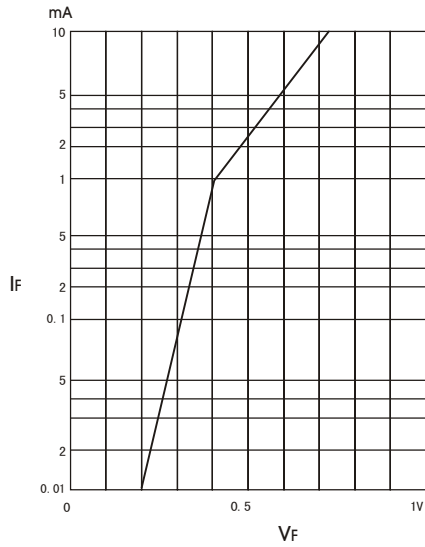


Fig.2 Typical forward conduction curve of combination Schottky barrier and PN junction guard ring

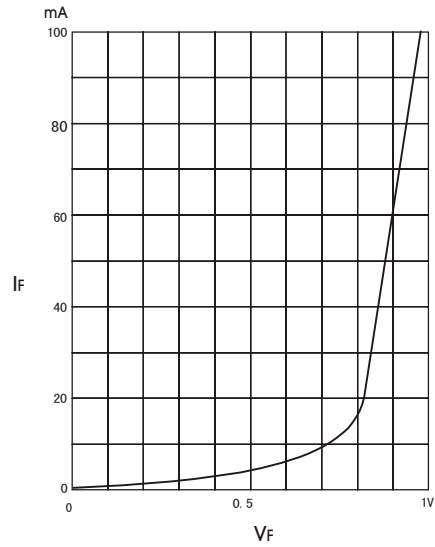


Fig.3 Typical variation of reverse current at various temperatures

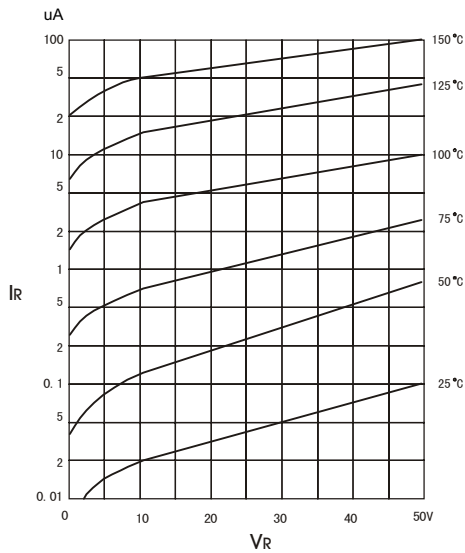
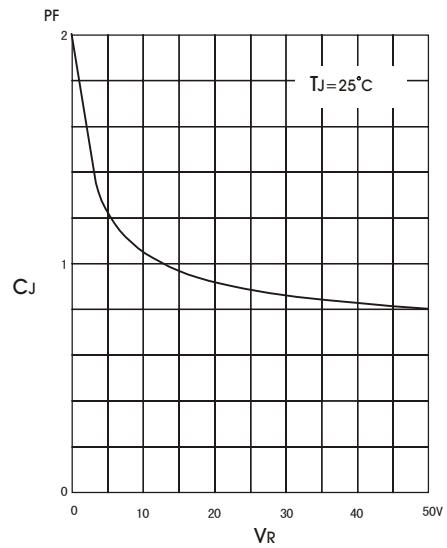


Fig.4 Typical capacitance curve as a function of reverse voltage





Micro Commercial Components

## Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel;2.5Kpcs/Reel

**\*\*\*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.