

Obsolete

MCC

Micro Commercial Components

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

1N6263
1N5711

Features

- Moisture Sensitivity: Level 1 per J-STD-020C
High Reverse Breakdown Voltage
Low Forward Voltage Drop
For General Purpose Application
Marking : Cathode band and type number
Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)

Maximum Ratings

- Operating Temperature: -55°C to +150°C
Storage Temperature: -55°C to +150°C
Maximum Thermal Resistance; 300°C/W Junction To Ambient

400 mWatt Small
Signal Schottky Diode
60 to 70 Volts

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Part Number, Symbol, Value, and Notes. Rows include Peak Reverse Voltage, Minimum Reverse Breakdown Voltage, Power Dissipation, Junction Temperature, Peak Forward Surge Current, Maximum Instantaneous Forward Voltage, Maximum DC Reverse Current, Typical Junction Capacitance, and Reverse Recovery Time.

DO-35

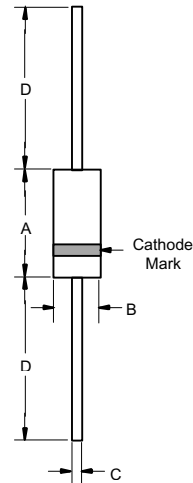


Table titled 'DIMENSIONS' with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A, B, C, and D correspond to the dimensions in the diagram.

Note: 1. Lead in Glass Exemption Applied, see EU Directive Annex 5.
2. Valid provided that leads at a distance of 4mm from case are kept ambient temperature.

1N6263  
1N5711

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

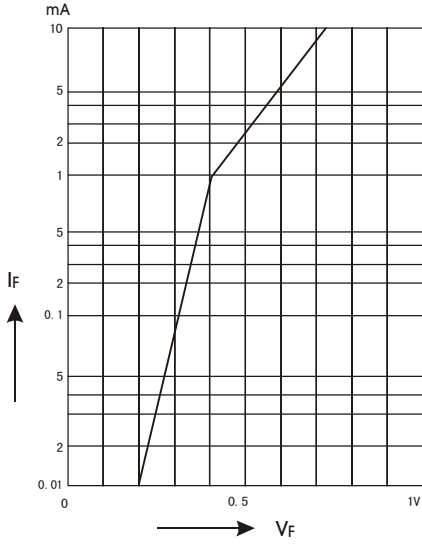


Fig.2 Typical forward conduction curve of combination Schottky barrier and PN junction guard ring

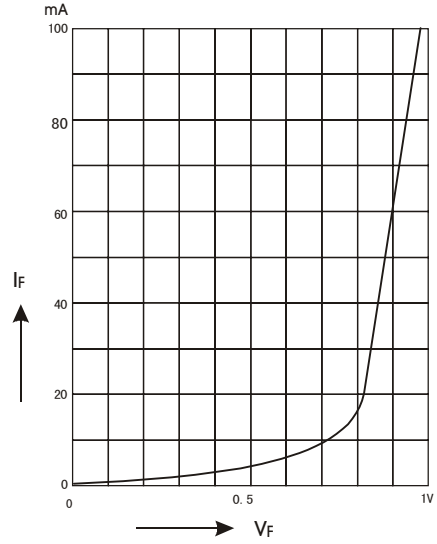


Fig.3 Typical variation of reverse current at various temperatures

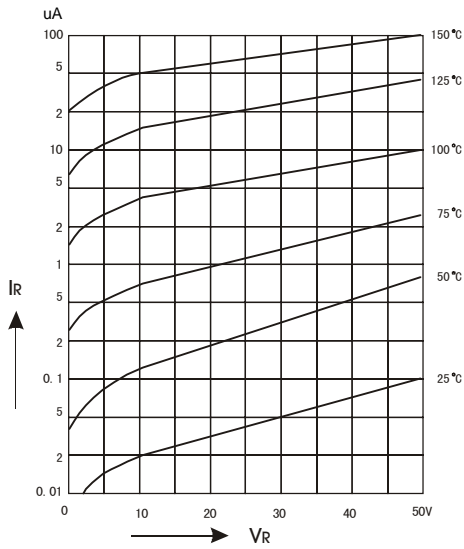
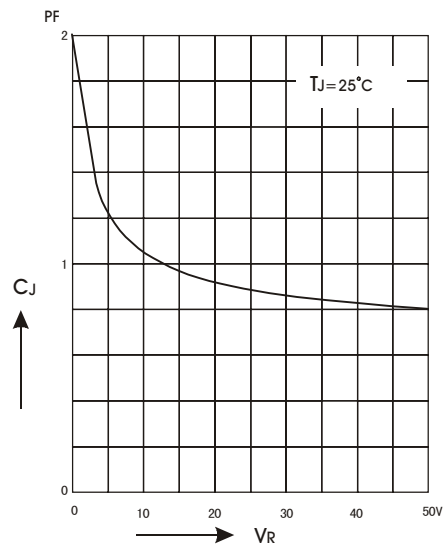


Fig.4 Typical capacitance curve as a function of reverse voltage





Micro Commercial Components

## Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel; 10Kpcs/Reel
(Part Number)-AP	Ammo Packing;5Kpcs/AmmoBox
(Part Number)-BP	Bulk;500pcs/Bag

### \*\*\*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.