

SCHOTTKY BARRIER DIODE

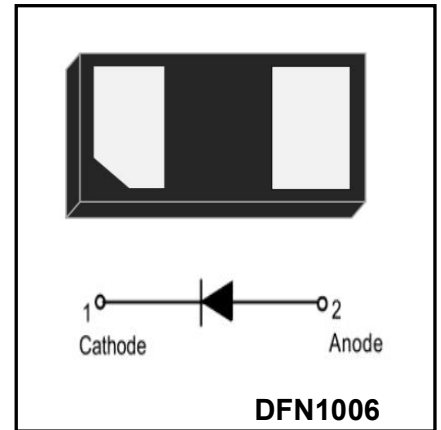
Features

- ◆Extremely small surface mounting type. (DFN1006).
- ◆Low I_r .
- ◆High reliability.
- ◆We declare that the material of product compliance.

with RoHS requirements and Halogen Free.

Applications

- ◆Low current rectification.



Absolute maximum ratings (T=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage	V_R	40	V
Average rectifierd forward current	I_{FAV}	200	mA
Forward current surge peak(@8.3ms)	I_{FSM}	1	A
Junction temperature	T_j	125	°C
Storage temperatue	T_{stg}	-55~ + 125	°C

Electrical Characteristics (TA = 25 °C, unless otherwise specified)

Characteristic	Symbol	Min.	Typ.	Max.	Unit
Forward voltage (IF=200mA)	V_F	-	-	0.6	V
Breakdown Voltage (IR=50µA)	V_{BR}	40	-	-	V
Reverse current (VR=10V)	I_R	-	-	1	µA

Typical characteristics (TA=25°C, unless otherwise noted)

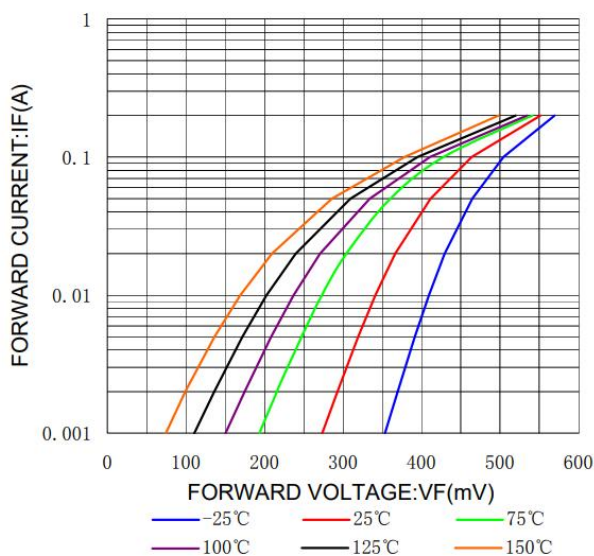


Fig.1 Forward Characteristics

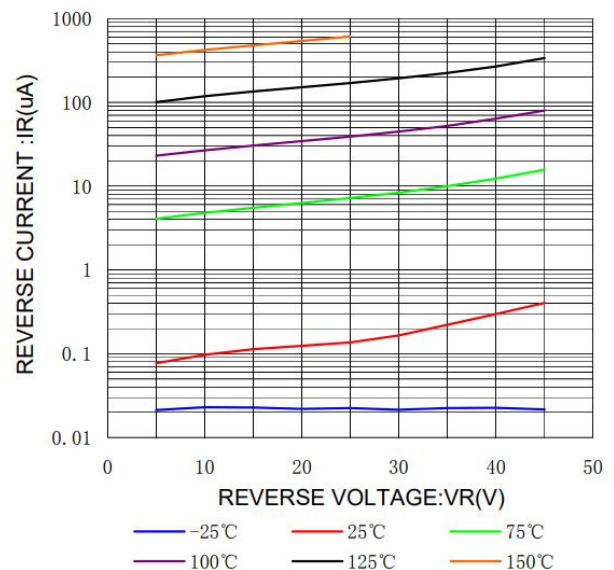
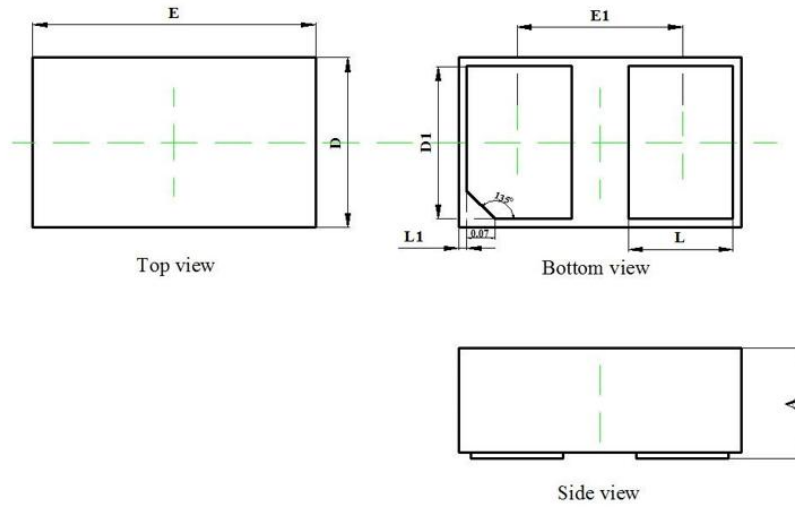


Fig.2 Reverse Characteristics

Package Outline

DFN1006



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	0.450	0.550	0.019	0.022
D	0.550	0.650	0.022	0.026
E	0.950	1.050	0.037	0.041
D1	0.420	0.520	0.017	0.020
E1	0.550	0.650	0.022	0.026
L	0.270	0.370	0.011	0.015
L1	0.000	0.100	0.000	0.004

Summary of Packing Options

Package	Package Description	Packing Quantity	Industry Standard
DFN1006	Tape/Reel, 7" reel	10000	EIA-481-1

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Schottky Diodes & Rectifiers](#) category:

Click to view products by [YFW Electronics](#) manufacturer:

Other Similar products are found below :

[MA4E2039](#) [MMBD301M3T5G](#) [HFA35HB60C](#) [RB160M-50TR](#) [D83C](#) [BAS16E6433HTMA1](#) [BAS 3010S-02LRH](#) [E6327](#) [BAT 54-02LRH](#)
[E6327](#) [NRVBAF360T3G](#) [NSR05F40QNXT5G](#) [NTE555](#) [JANS1N6640](#) [SS3003CH-TL-E](#) [GA01SHT18](#) [CRS10I30A\(TE85L,QM](#)
[MBRA140TRPBF](#) [MBRB30H30CT-1G](#) [BAT 15-04R](#) [E6152](#) [JANTX1N5712-1](#) [DMJ3940-000](#) [SB007-03C-TB-E](#) [NRVBB20100CTT4G](#)
[NRVBM120LT1G](#) [NTSB30U100CT-1G](#) [CRG04\(T5L,TEMQ\)](#) [ACDBA1100LR-HF](#) [ACDBA1200-HF](#) [ACDBA240-HF](#) [ACDBA3100-HF](#)
[CDBQC0530L-HF](#) [ACDBA260LR-HF](#) [ACDBA1100-HF](#) [10BQ015-M3/5BT](#) [NRVBM120ET1G](#) [VSSB410S-M3/5BT](#) [1N5819T-G](#)
[PDS1040Q-13](#) [B160BQ-13-F](#) [SDM05U20CSP-7](#) [BAS 70-07](#) [E6433](#) [B140S1F-7](#) [HSM560Je3/TR13](#) [DDB2265-000](#) [ZHCS506QTA](#)
[HSM190Je3/TR13](#) [B330AF-13](#) [ACDBUC0230-HF](#) [SDM1U100S1F-7](#) [MBR10200CTF-G1](#) [CDLL5712](#)