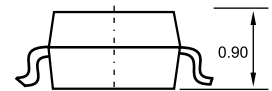
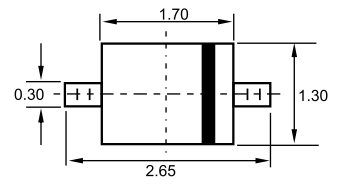



**SOD-323**


Dimensions in inches and (millimeters)

**Features**

- ✧ Low current rectifier Schottky diode
- ✧ Low voltage, low inductance
- ✧ For power supply

**Maximum Ratings and Electrical Characteristics**

Rating at 25°C ambient temperature unless otherwise specified.

**Maximum Ratings**

| Parameter                  | Symbol    | Limits   | Unit |
|----------------------------|-----------|----------|------|
| Peak reverse voltage       | $V_{RM}$  | 40       | V    |
| DC reverse voltage         | $V_R$     | 30       | V    |
| Mean rectifying current    | $I_O$     | 0.03     | A    |
| Peak forward surge current | $I_{FSM}$ | 0.2      | A    |
| Junction temperature       | $T_j$     | 125      | °C   |
| Storage temperature        | $T_{stg}$ | -40~+125 | °C   |

**Electrical Ratings**

| Parameter                     | Symbol | Min. | Typ. | Max. | Unit | Conditions       |
|-------------------------------|--------|------|------|------|------|------------------|
| Forward voltage               | $V_F$  |      |      | 0.37 | V    | $I_F=1mA$        |
| Reverse current               | $I_R$  |      |      | 0.5  | μA   | $V_R=30V$        |
| Capacitance between terminals | $C_T$  |      | 2    |      | pF   | $V_R=1V, f=1MHZ$ |

## Typical Characteristics

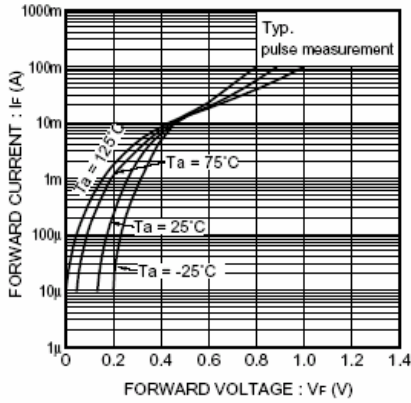


Fig. 1 Forward characteristics

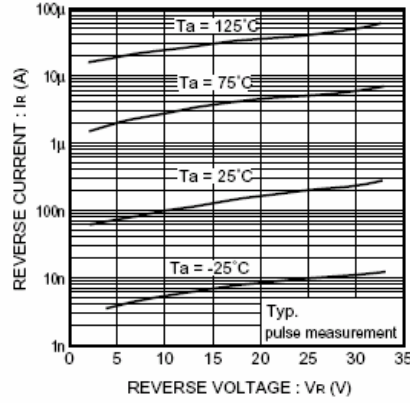


Fig. 2 Reverse characteristics

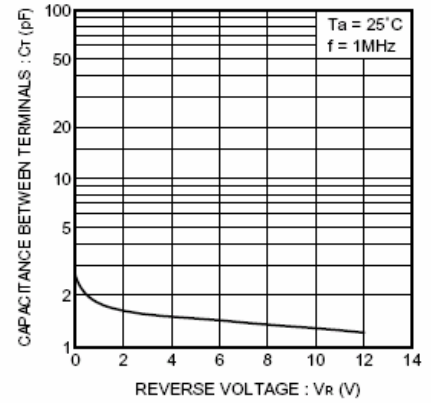


Fig. 3 Capacitance between terminals characteristics

| PACKAGE | SPQ/PCS   | CARTON SPQ/PCS | CARTON SIZE/CM | CARTON GW/KG | CARTON NW/KG |
|---------|-----------|----------------|----------------|--------------|--------------|
| SOD-323 | 3000/REEL | 180000         | 44X44X22       | 9.00         | 8.00         |

## 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 [LGE](#) manufacturer:*

Other Similar products are found below :

[MA4E2039](#) [MA4E2508M-1112](#) [MBR1545CT](#) [MMBD301M3T5G](#) [RB160M-50TR](#) [D83C](#) [BAS16E6433HTMA1](#) [BAT 54-02LRH E6327](#)  
[NRVBAF360T3G](#) [NSR05F40QNXT5G](#) [NTE555](#) [JANS1N6640](#) [SK310-T](#) [SK34B-TP](#) [SS3003CH-TL-E](#) [GA01SHT18](#)  
[CRS10I30A\(TE85L,QM](#) [MA4E2501L-1290](#) [MBRA140TRPBF](#) [MBRB30H30CT-1G](#) [BAT 15-04R E6152](#) [JANTX1N5712-1](#) [DMJ3940-000](#)  
[SB007-03C-TB-E](#) [SK33B-TP](#) [NRVBB20100CTT4G](#) [NRVBM120LT1G](#) [NTSB30U100CT-1G](#) [VS-6CWQ10FNHM3](#) [CRG04\(T5L,TEMQ\)](#)  
[ACDBA1100LR-HF](#) [ACDBA1200-HF](#) [ACDBA240-HF](#) [ACDBA3100-HF](#) [CDBQC0530L-HF](#) [CDBQC0240LR-HF](#) [ACDBA260LR-HF](#)  
[ACDBA1100-HF](#) [MA4E2502L-1246](#) [10BQ015-M3/5BT](#) [NRVBM120ET1G](#) [CRS08TE85LQM](#) [PMAD1108-LF](#) [B120Q-13-F](#) [1N5819T-G](#)  
[B0530WSQ-7-F](#) [PDS1040Q-13](#) [B160BQ-13-F](#) [SDM05U20CSP-7](#) [B140S1F-7](#)