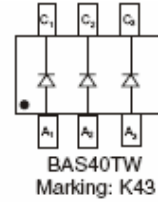
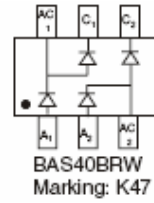
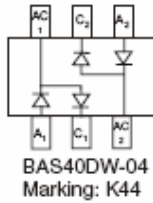
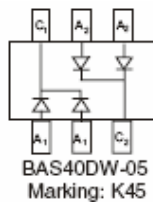
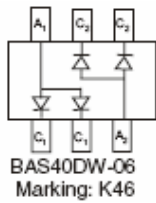
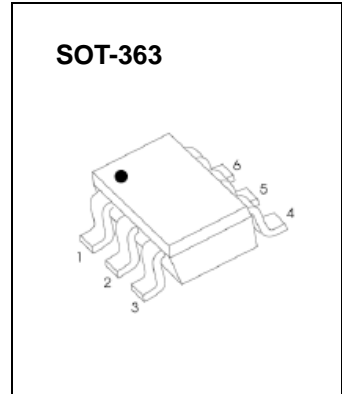


Plastic-Encapsulate Transistors

SCHOTTKY BARRIER DIODE ARRAYS

FEATURES

- Low Forward voltage drop
- Fast switching



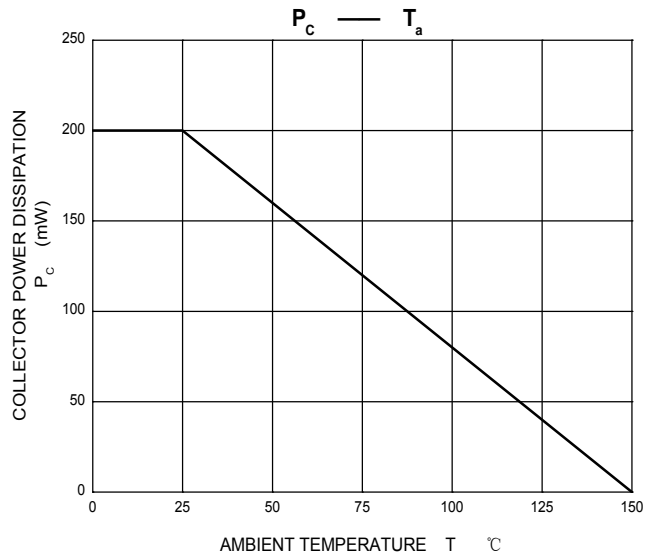
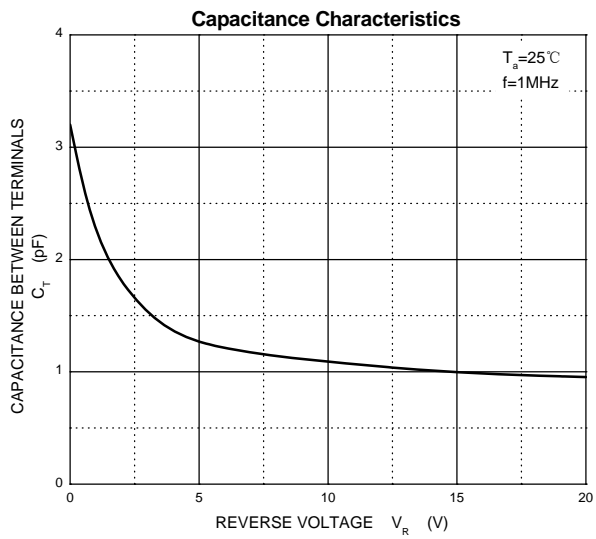
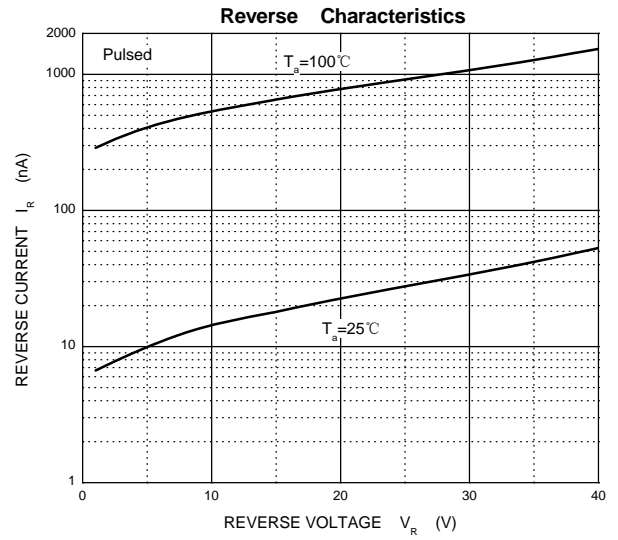
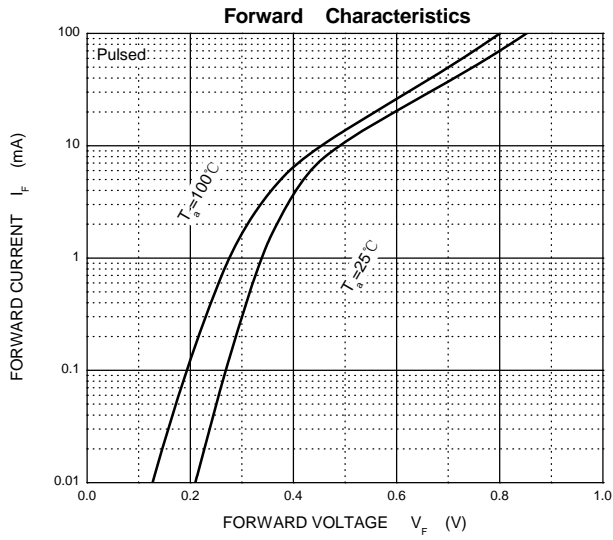
Maximum Ratings and Electrical Characteristics, Single Diode @Ta=25°C

| Parameter | Symbol | Limits | Unit |
|--|-------------------|---------|------|
| Non-Repetitive Peak reverse voltage DC Blocking Voltage | V_{RM} V_R | 40 | V |
| Average Rectified Output Current | I_O | 200 | mA |
| Power Dissipation | P_d | 200 | mW |
| Thermal Resistance. Junction to Ambient Air | $R_{\theta JA}$ | 625 | °C/W |
| Junction temperature | T_J | 125 | °C |
| Storage temperature range | T_{STG} | -65-125 | °C |

Electrical Ratings @Ta=25°C

| Parameter | Symbol | Test conditions | MIN | MAX | UNIT |
|---------------------------------|------------|--|-----|-------------|------|
| Reverse breakdown voltage | $V_{(BR)}$ | $I_R=10\mu A$ | 40 | | V |
| Reverse voltage leakage current | I_R | $V_R=30V$ | | 200 | nA |
| Forward voltage | V_F | $I_F=1mA$ $I_F=40mA$ | | 380 1000 | mV |
| Total capacitance | C_T | $V_R=0, f=1MHz$ | | 5 | pF |
| Reverse recovery time | t_{rr} | $I_F=10mA, I_R=I_F=1mA$ $R_L=100\Omega$ | | 5 | ns |

Typical Characteristics



SOT-363 Package Outline Dimensions

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 [Hong Kong Chuangji](#) manufacturer:

Other Similar products are found below :

[MA4E2039](#) [MMBD301M3T5G](#) [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](#) [DMF2822-000](#)