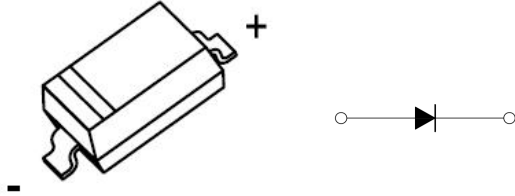


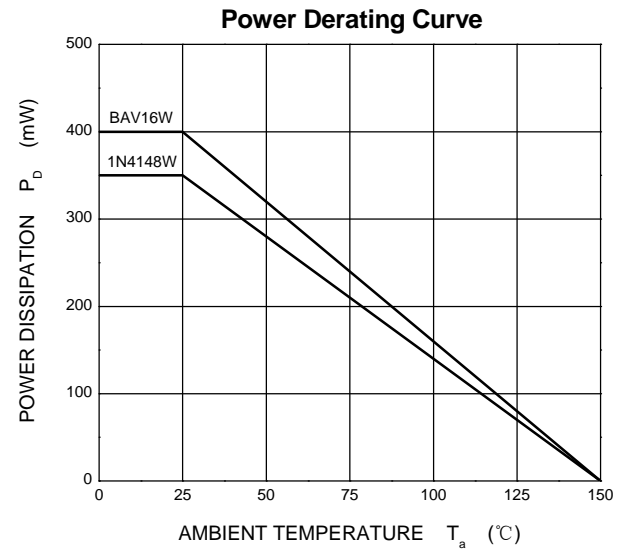
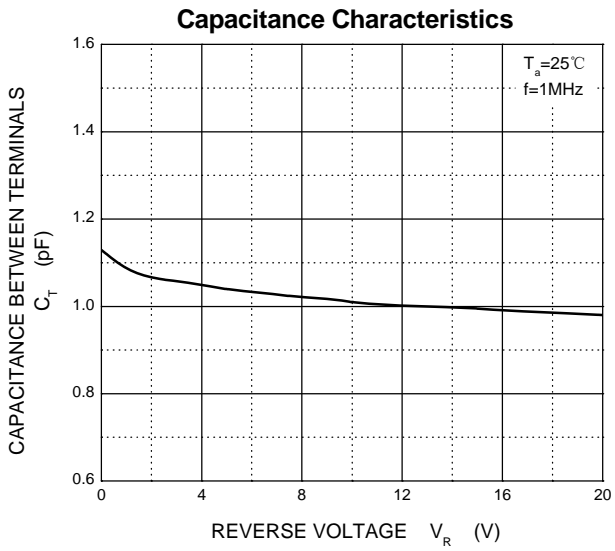
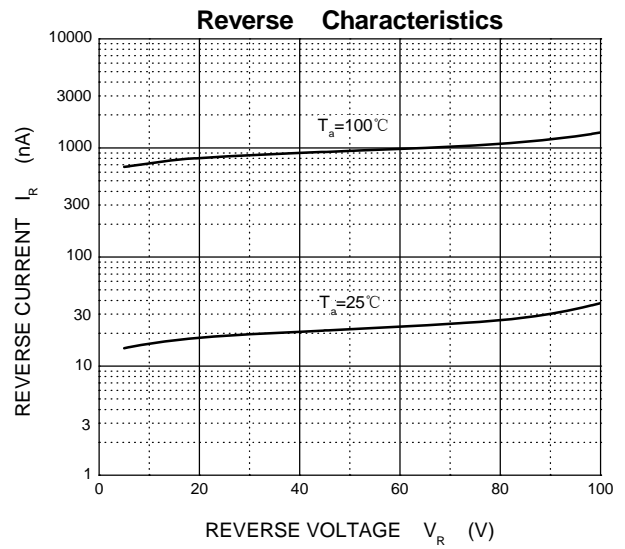
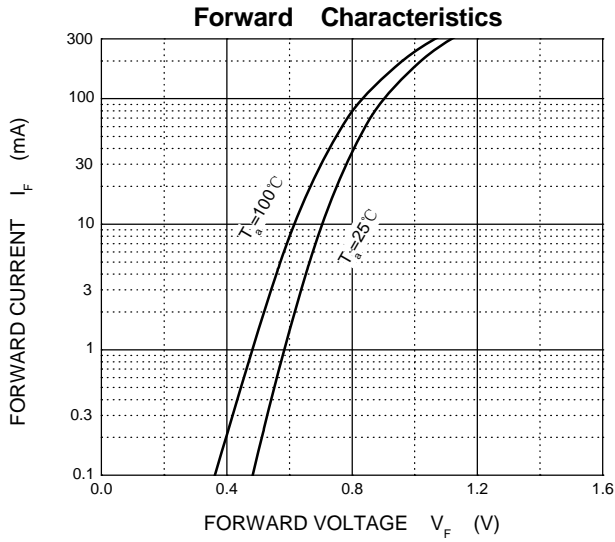
| | |
|--|---|
| FASTSWITCHING DIODE | SOD-123Plastic-Encapsulate Diodes |
| <p><u>SOD-123</u></p>  <p>Marking :T4</p> | <p>Features</p> <ul style="list-style-type: none"> • Fast Switching Speed • Surface Mount Package Ideally Suited for Automatic Insertion • For General Purpose Switching Applications • High Conductance |

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

| Parameter | Symbol | Limit | Unit |
|--|---------------------|------------|------|
| Non-Repetitive Peak Reverse Voltage | V _{RM} | 100 | V |
| Peak Repetitive Peak Reverse Voltage | V _{RPM} | 100 | V |
| Working Peak Reverse Voltage | V _{RWM} | | |
| DC Blocking Voltage | V _R | | |
| RMS Reverse Voltage | V _{R(RMS)} | 71 | V |
| Forward Continuous Current | I _{FM} | 300 | mA |
| Average Rectified Output Current | I _O | 150 | mA |
| Non-Repetitive Peak Forward Surge Current @t=8.3ms | I _{FSM} | 2.0 | A |
| Power Dissipation | P _d | 350 400 | mW |
| Thermal Resistance from Junction to Ambient | R _{θJA} | 250 | °C/W |
| Junction Temperature | T _j | 150 | °C |
| Storage Temperature | T _{STG} | -55~+150 | °C |

Electrical Ratings @T_a=25°C

| Parameter | Symbol | Min | Typ | Max | Unit | Conditions |
|-------------------------------|-----------------|-----|-----|-------|------|---|
| Forward voltage | V _{F1} | | | 0.715 | V | I _F =1mA |
| | V _{F2} | | | 0.855 | V | I _F =10mA |
| | V _{F3} | | | 1.0 | V | I _F =50mA |
| | V _{F4} | | | 1.25 | V | I _F =150mA |
| Reverse current | I _{R1} | | | 1 | μA | V _R =75V |
| | I _{R2} | | | 25 | nA | V _R =20V |
| Capacitance between terminals | C _T | | | 2 | pF | V _R =0V,f=1MHz |
| Reverse recovery time | t _{rr} | | | 4 | ns | I _F =I _R =10mA I _{rr} =0.1X I _R , R _L =100Ω |



单击下面可查看定价，库存，交付和生命周期等信息

[>>DIOS\(迪恩思\)](#)