



### Small Signal Schottky Rectifier

#### Features

- Epoxy meets UL-94 V-0 flammability rating and halogen free
- Moisture Sensitivity Level 1
- $V_{RRM}$  30V/40V
- $I_{FAV}$  1A
- Part no. with suffix "Q" means AEC-Q101 qualified

#### Applications

- Use as rectifiers in low-voltage, high-frequency inverters
- Automotive

#### Mechanical Data

- **Case:** SOD123
- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:** Cathode line denotes the cathode end

#### ■ Maximum Ratings ( $T_a$

■ Ordering Information (Example)

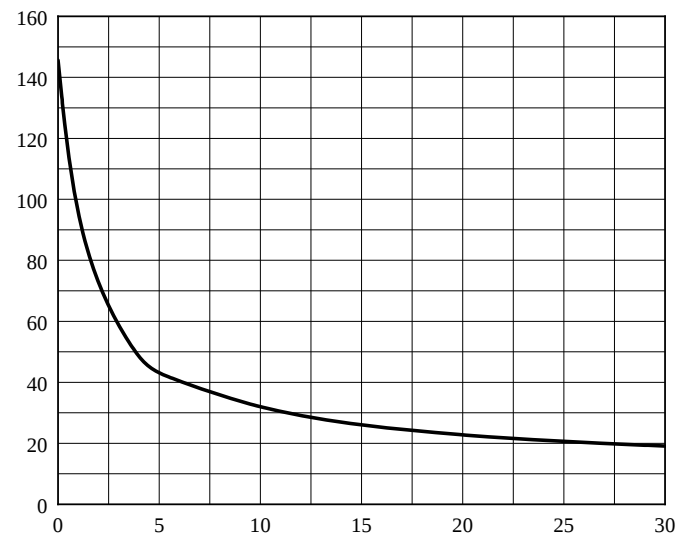
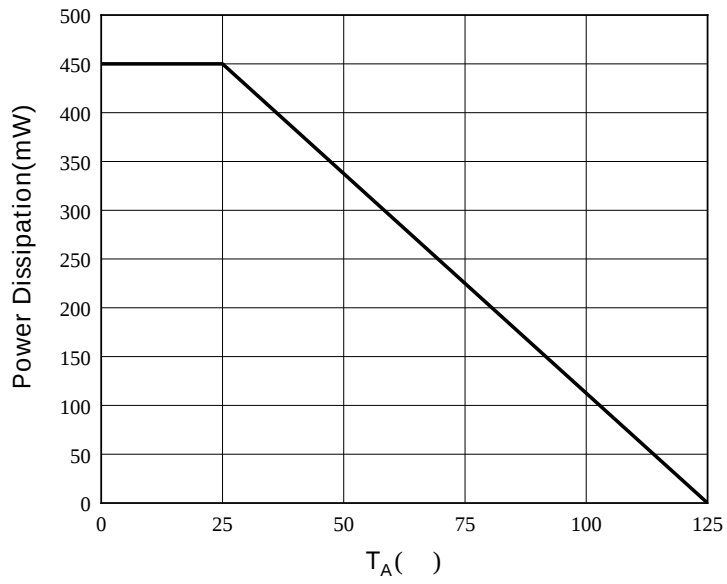
| PREFERED P/N | PACKING<br>CODE |  |
|--------------|-----------------|--|
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## B5818WQ THRU B5819WQ

### ■ Characteristics (Typical)

Fig.1:  $P_D$ - $T_A$



v 2 X W O L Q H ' L P H Q V L R Q V

v 0 D U N L Q J , Q I R U P D W L R Q

| y y X

|   |     |               |
|---|-----|---------------|
|   |     | 0 D U N L Q J |
| % | : 4 | 6 .           |
| % | : 4 | 6 /           |

1 R W H  
\$ O O P D U N L Q J L V D W P L G G O H R I W K H S U R G X F W E R G \   
\$ O O P D U N L Q J L V L Q O D V H U P D U N L Q J   
% R G \ F R O R U % O D F N

