



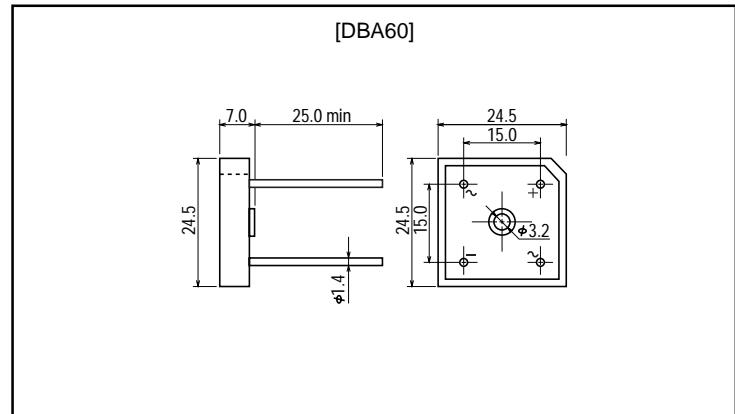
6.0A Single-Phase Bridge Rectifier

Features

- Plastic molded structure.
- Glass passivation for high reliability.
- Peak reverse voltage : $V_{RM}=200, 600V$.
- Average rectified current : $I_O=6.0A$.

Package Dimensions

unit : mm
1091



Specifications

Absolute Maximum Ratings at $T_a=25^\circ C$

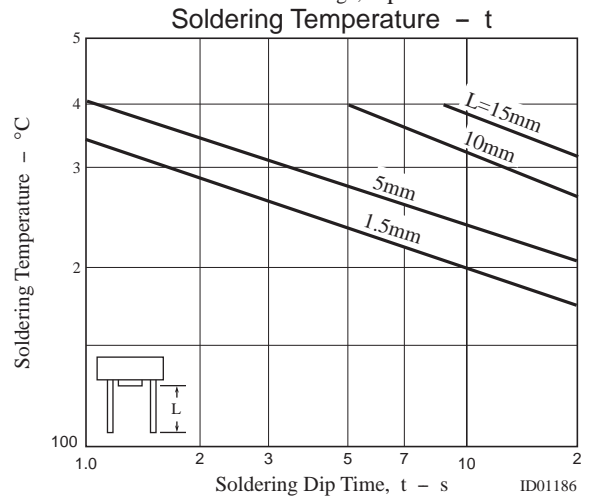
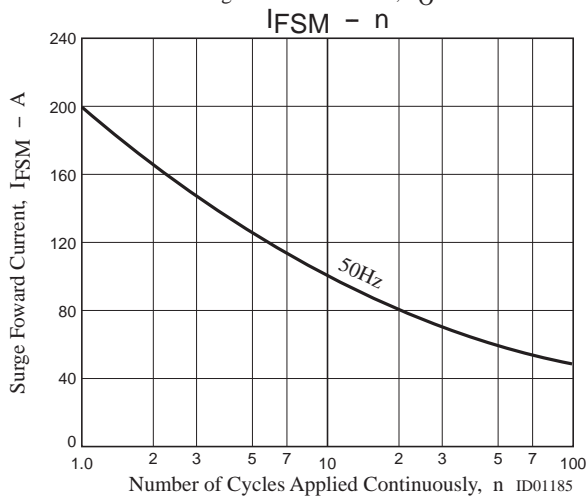
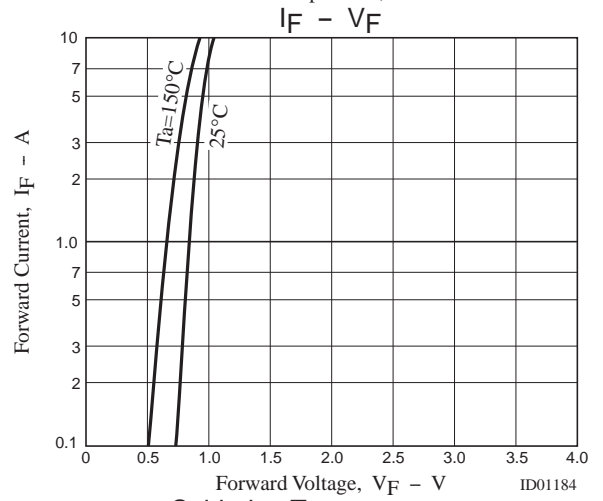
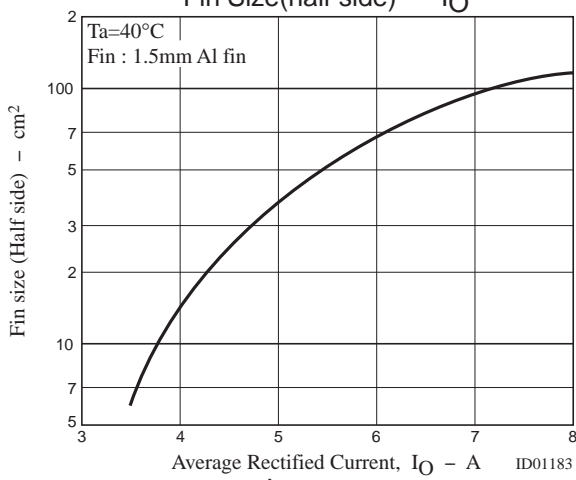
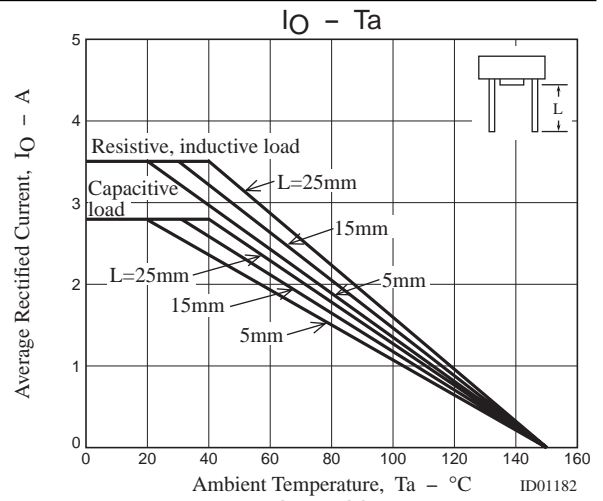
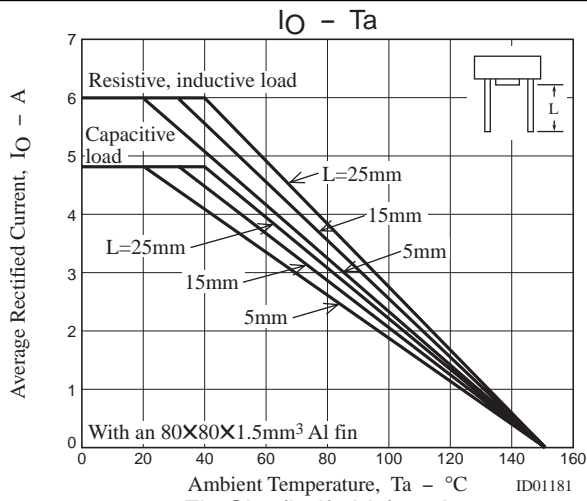
| Parameter | Symbol | Conditions | DBA60C | DBA60G | Unit |
|---------------------------|-----------|--|--------|-------------|------------|
| Peak Reverse Voltage | V_{RM} | | 200 | 600 | V |
| Average Rectified Current | I_O | $T_a=40^\circ C$ | → | 3.5 | A |
| | | $T_a=40^\circ C$, mounted on an 80X80X1.5mm ³ Al fin | → | 6.0 | A |
| Surge Forward Current | I_{FSM} | 50Hz sine wave, 1 cycle | → | 200 | A |
| Junction Temperature | T_j | | → | 150 | $^\circ C$ |
| Storage Temperature | T_{stg} | | → | -30 to +150 | $^\circ C$ |

Electrical Characteristics at $T_a=25^\circ C$

| Parameter | Symbol | Conditions | Ratings | | | Unit |
|-----------------|--------|--------------------------|---------|-----|------|---------|
| | | | min | typ | max | |
| Forward Voltage | V_F | $I_F=3.0A$ | | | 1.05 | V |
| Reverse Current | I_R | V_R : At each V_{RM} | | | 10 | μA |

Note : Mounting torque : 0.49N·m max.

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