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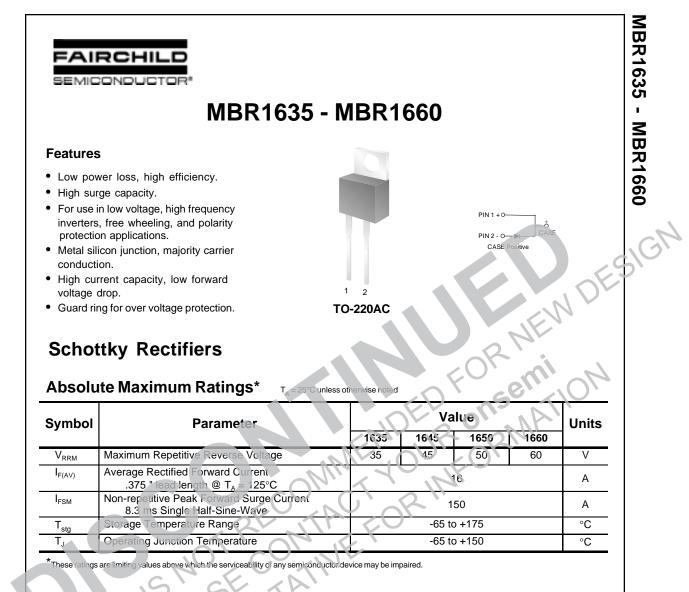
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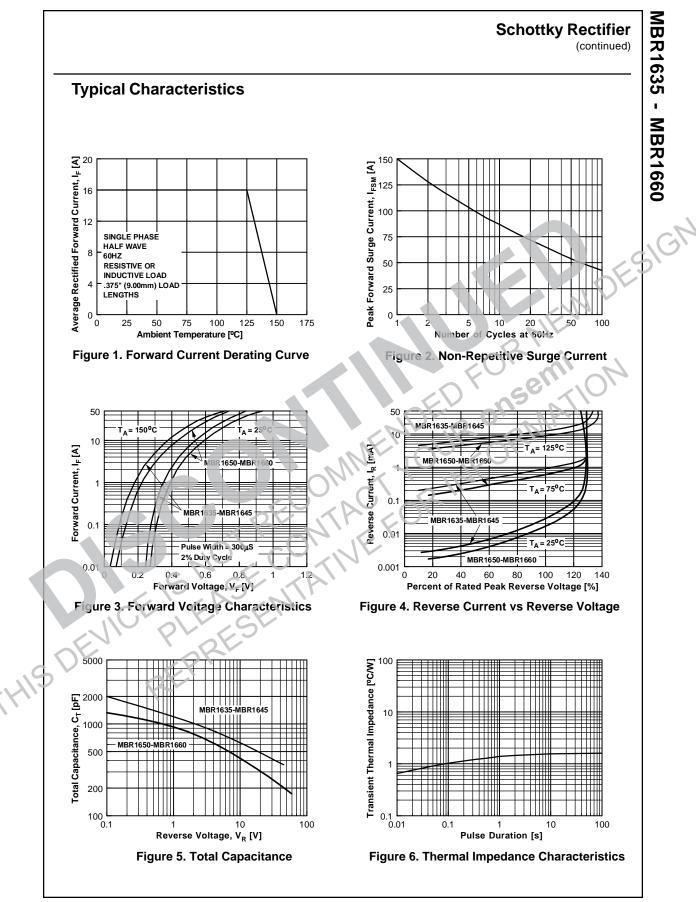
Thermal Characteristics

| Symbol | Parameter | Value | Units |
|-------------------|---|-------|-------|
| Po | Power Dissipation | 2.0 | W |
| R. _{0JA} | Thermal Resistance, Junction to Ambient | 60 | °C/W |
| R _{ejl} | Thernal Resistance, Junction to Lead | 1.5 | °C/W |

Electrical Characteristics T_A = 25°C unless otherwise noted

| Symbol | Parameter | | Device | | | Units |
|------------------|--|--------------|--------|--------------|------|----------|
| | | 1635 | 1645 | 1650 | 1660 | 1 |
| V _F | Forward Voltage $I_{F=}$ 16 A, T_{C} = 25°C $I_{F=}$ 16 A, T_{C} = 125°C | 0.63 0.57 | | 0.75 0.65 | | V V |
| I _R | Reverse Current @ rated V_R $T_A = 25^{\circ}C$ $T_A = 125^{\circ}C$ | 0.2 40 | | 1.0 50 | | mA mA |
| I _{RRM} | Peak Repetitive Reverse Surge Current 2.0 us Pulse Width, f = 1.0 KHz | 1.0 | | 0.5 | | А |

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MBR1635 - MBR1660 Rev. 3

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