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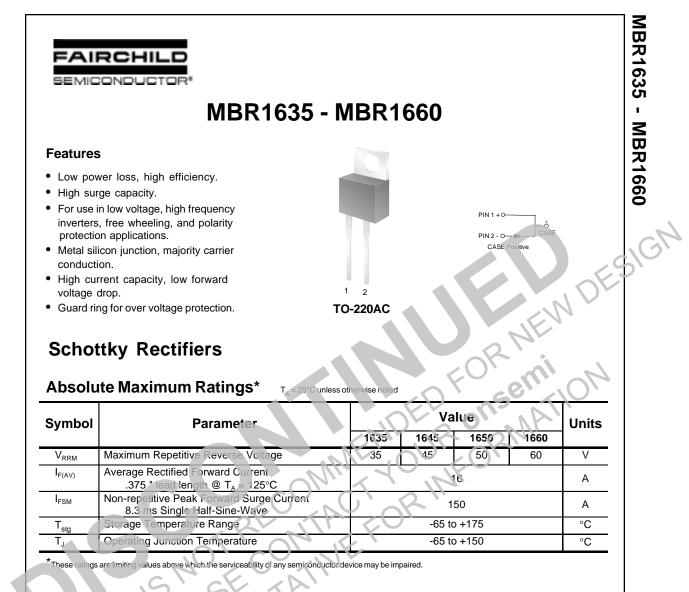
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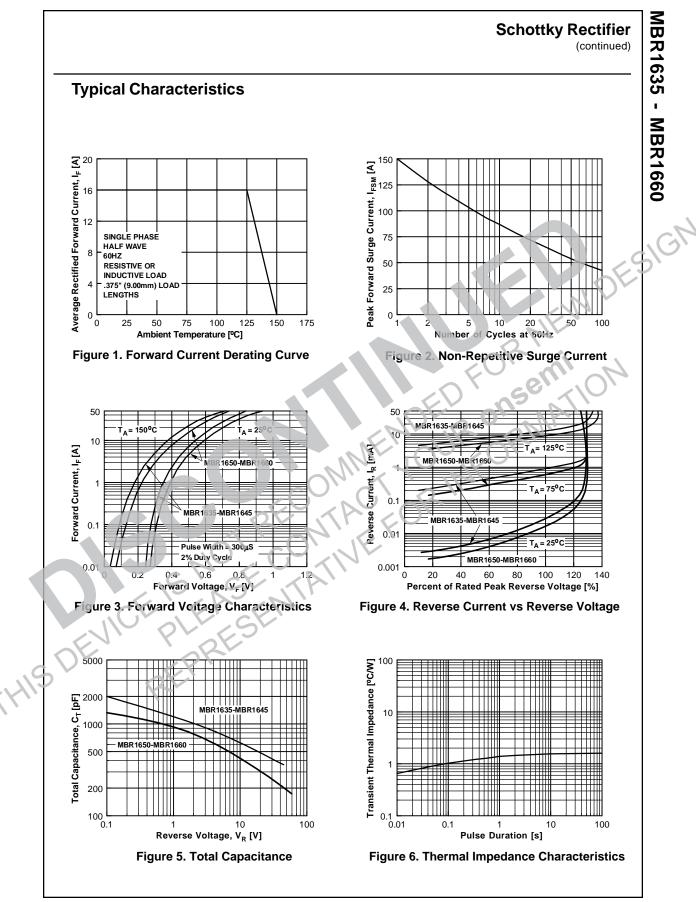
Thermal Characteristics

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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