

 R_{ØJL}
 Thermal Resistance, Junction to Lead
 1.2

 T_{stg}
 Storage Temperature Range
 -65 to +175

 T_J
 Operating Junction Temperature
 -65 to +150

*These ratings are limiting values above which the serviceability of any semiconductor device may be impaired.

Electrical Characteristics $T_A = 25^{\circ}C$ unless otherwise noted

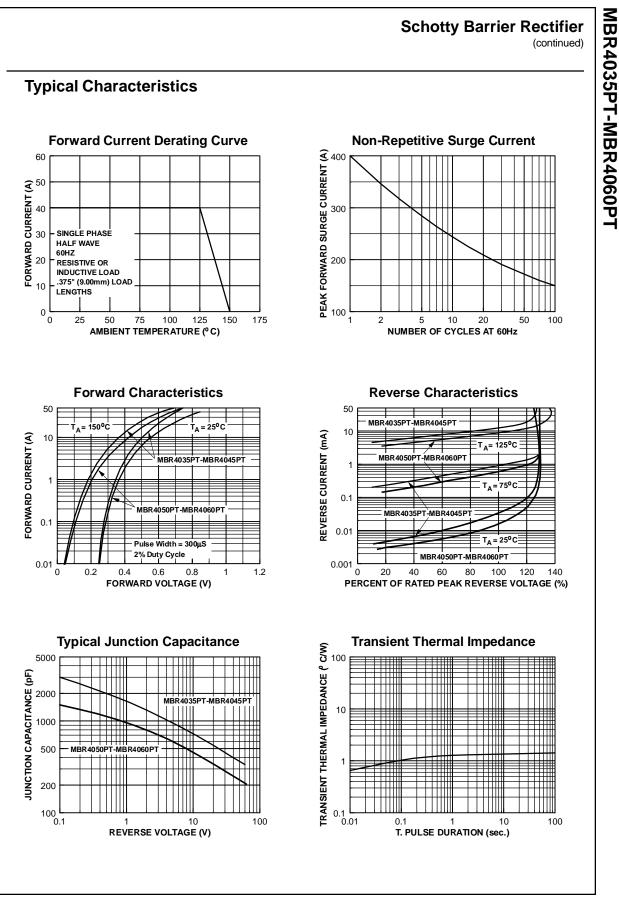
Parameter	Device				Units
	4035PT	4045PT	4050PT	4060PT	-
Peak Repetitive Reverse Voltage	35	45	50	60	V
Maximum RMS Voltage	24	31	35	42	V
DC Reverse Voltage (Rated V _R)	35	45	50	60	V
Voltage Rate of Change (Rated V _R)	10,000			V/uS	
Maximum Reverse Current @ rated V_R $T_A = 25^{\circ}C$ $T_A = 125^{\circ}C$	1.0 100				mA mA
	0.70 0.60 0.80 0.75		•••	72 62 -	V V V V
Peak Repetitive Reverse Surge Current 2.0 us Pulse Width, f = 1.0 KHz	2.0		1.0		A

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MBR4035PT - MBR4060PT, Rev. A

°C

°C



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