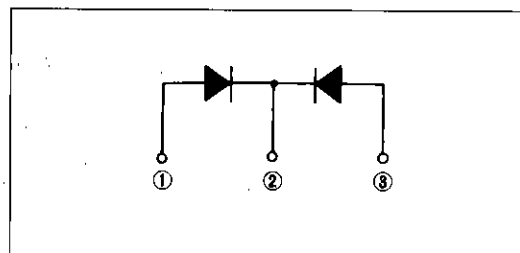


富士小電力ダイオード

■外形寸法：Outline Drawings

Technical drawings of connector pin configurations. The left drawing shows a JEDEC connector with dimensions: 10.5 max. (width), 15 ± 0.3 (height), 2.7 (pin pitch), 13 min. (total height), 3.7 (pin length), 1.2 (pin diameter), 0.7 (pin spacing), 2.54 (pin diameter), and 0.6 (pin diameter). The right drawing shows an EIAJ connector with dimensions: 4.7 max. (width), 2.7 (pin pitch), 6.3 (pin length), 0.6 (pin diameter), and 2.7 (pin diameter).

Connection Diagram

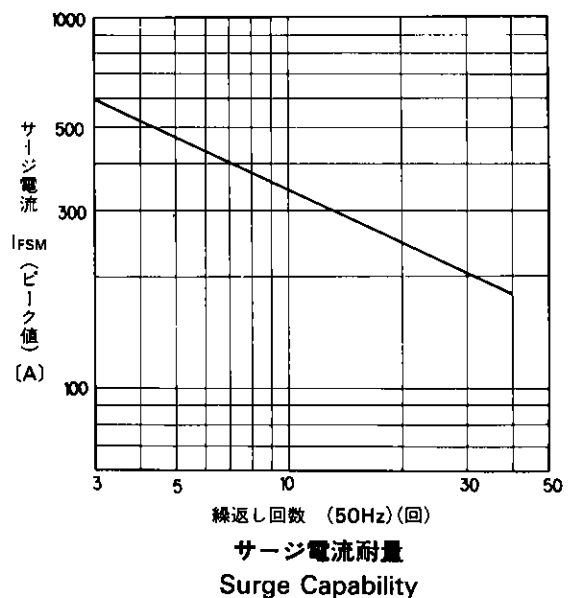
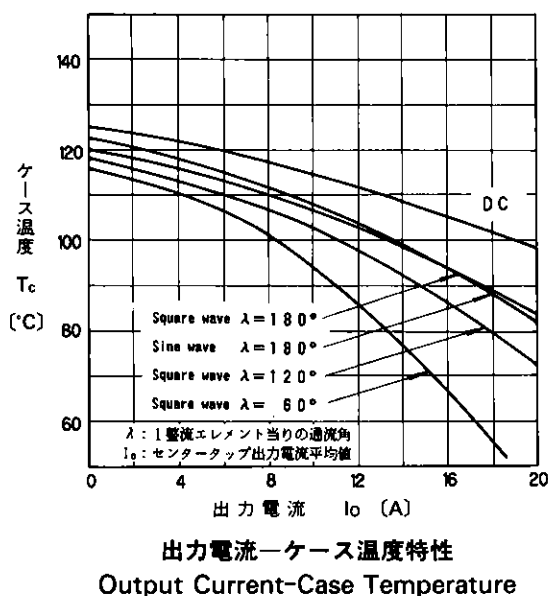
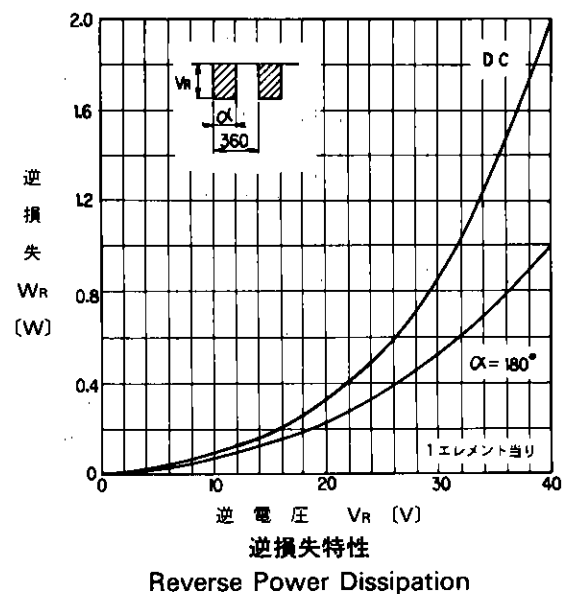
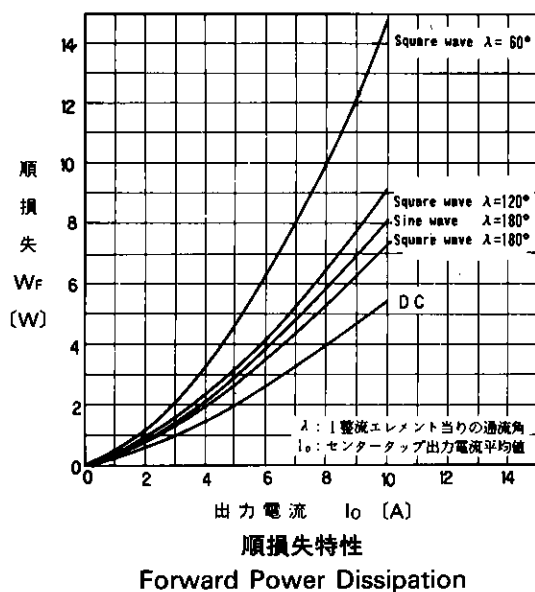
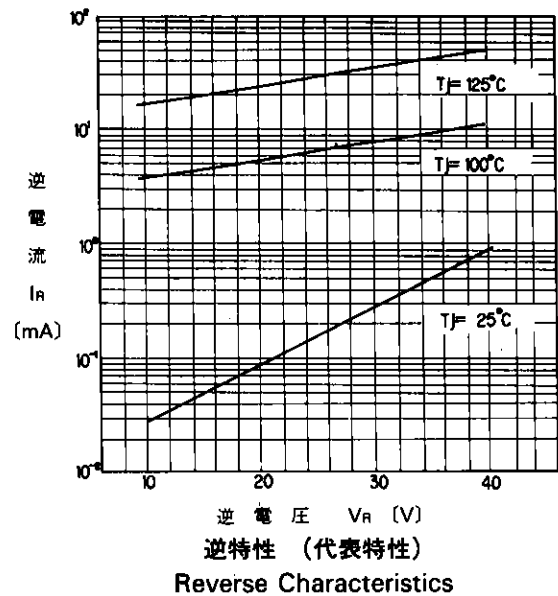
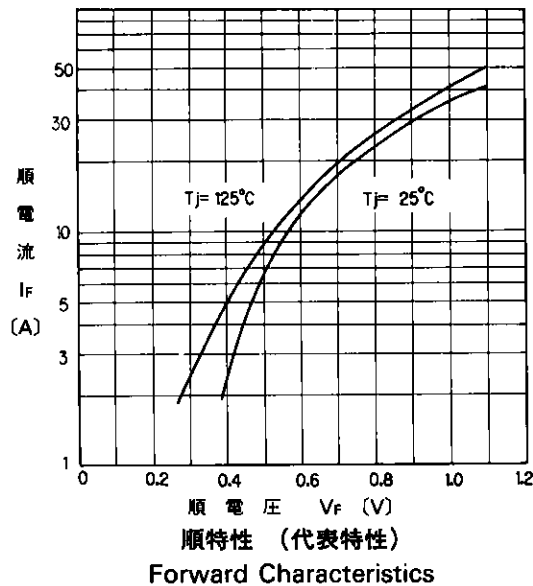


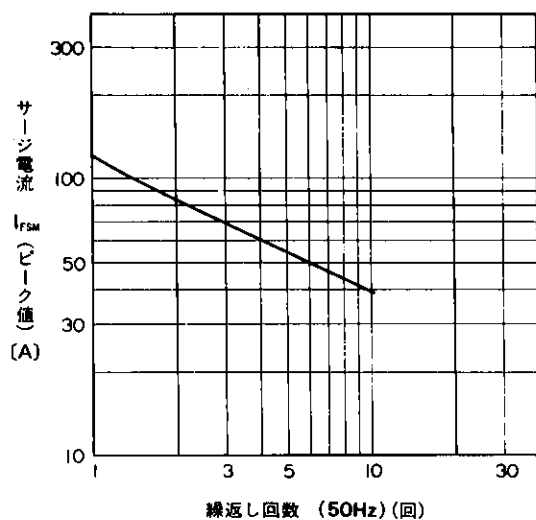
Items	Symbols	Conditions	Ratings	Units
ピーク繰り返し逆電圧 Repetitive Peak Reverse Voltage	V_{RRM}		40	V
ピーク非繰り返し逆電圧 Non-Repetitive Peak Reverse Voltage	V_{RSM}	$t_w = 500\text{ns}$, $\text{duty} = \frac{1}{10}$	48	V
絶縁耐圧 Isolating Voltage	V_{ISO}	一括端子・ケース間, AC1分間印加 Terminals-to-Case, AC, 1 min.	1500	V
平均出力電流 Average Output Current	I_O	方形波, $\text{duty} = \frac{1}{2}$, $T_c = 83^\circ\text{C}$ Square wave	20*	A
サージ電流 Surge Current	I_{FSM}	正弦波 Sine wave 10ms 定格負荷状態より	120	A
接合温度 Operating Junction Temperature	T_j		$-40 \sim +125$	$^\circ\text{C}$
保存温度 Storage Temperature	T_{stg}		$-40 \sim +125$	$^\circ\text{C}$

* average forward current of centertap full wave connection

Items	Symbols	Conditions	Max.	Units
順電圧 Forward Voltage Drop	V_{FM}	$I_{FM}=10A$	0.6	V
逆電流 Reverse Current	I_{RRM}	$V_R = V_{RRM}$	15	mA
熱抵抗 Thermal Resistance	$R_{th(j-c)}$	接合・ケース間 Junction to case	2.5	°C/W

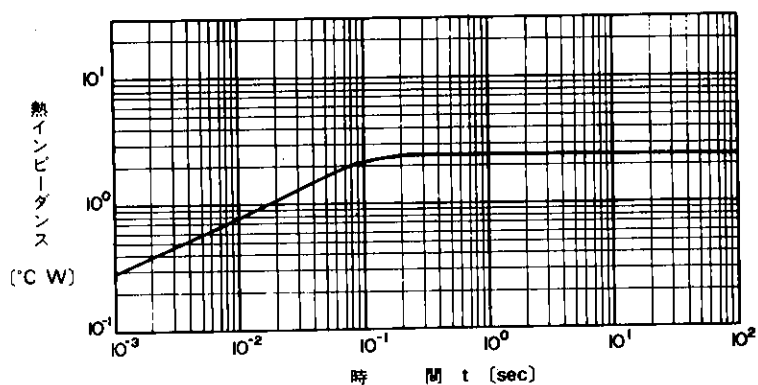
■特性曲線：Characteristics





サージ電流耐量

Surge Capability



過渡熱インピーダンス

Transient Thermal Impedance

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