

大容量面実装デバイス 単体

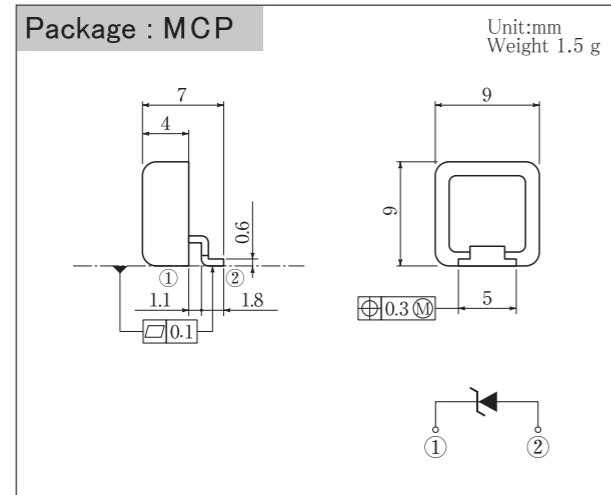
Power Surface Mount Device Single Zener Diode

MCP Package

ST70-27MF

MF
W

■ 外観図 OUTLINE



外形図については新電元Webサイト又は(半導体製品一覧表)をご参照下さい。捺印表示については捺印仕様をご確認下さい。
For details of outline dimensions, refer to our web site or the Semiconductor Short Form Catalog. As for the marking, refer to the specification "Marking, Terminal Connection."

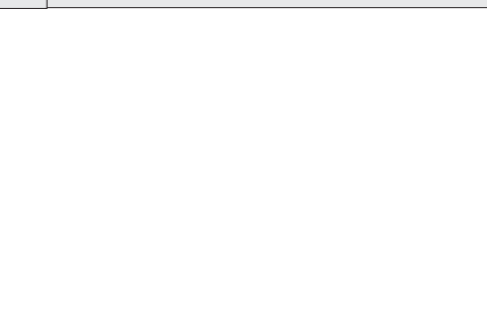
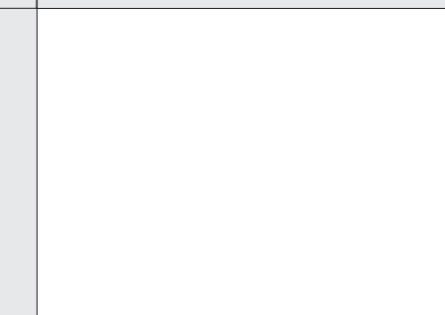
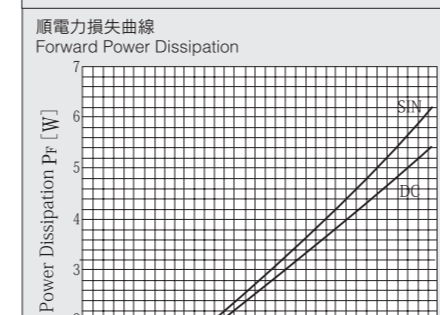
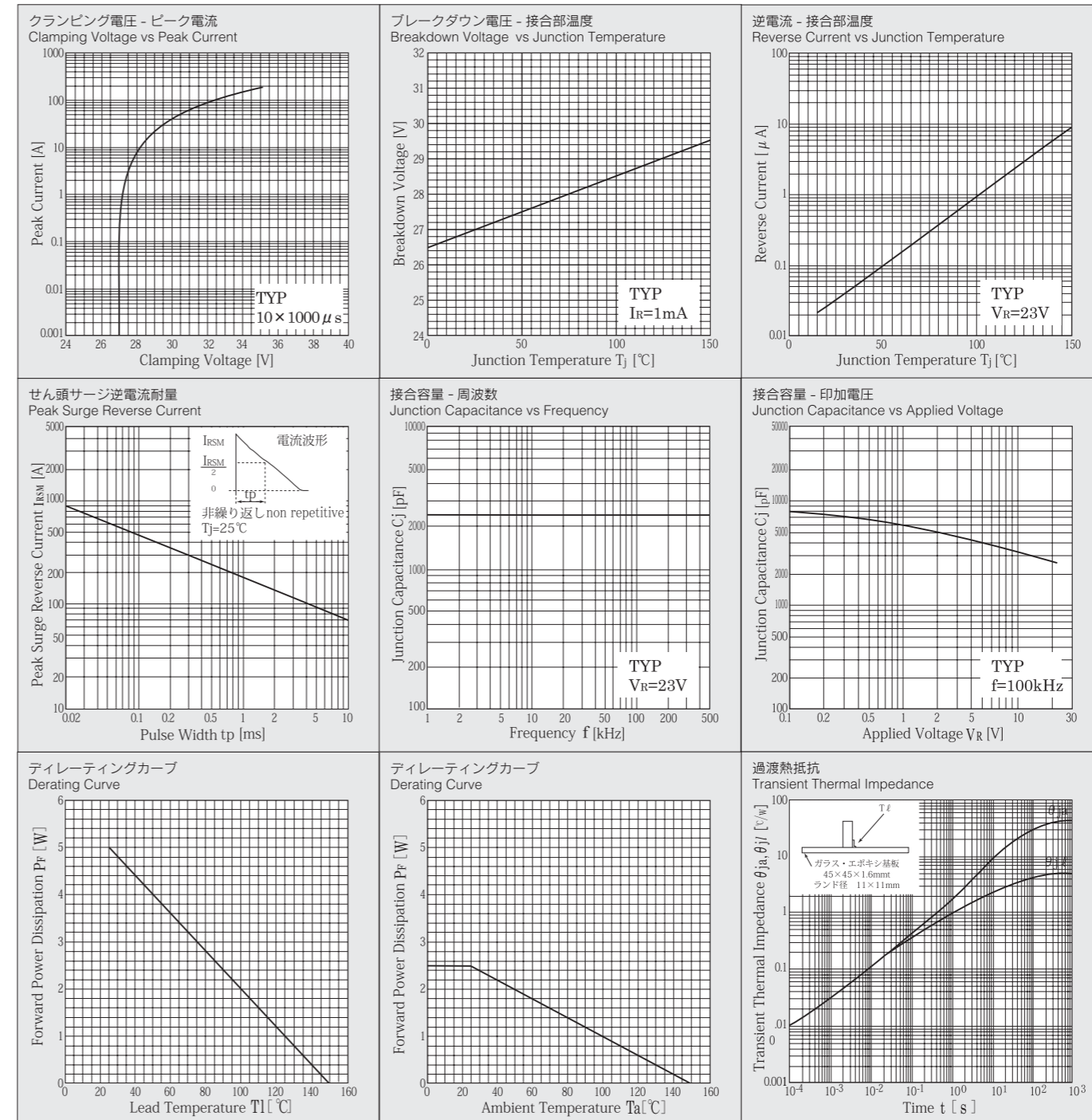
Absolute Maximum Ratings (指定のない場合 T₁=25°C/unless otherwise specified)

記号 Symbol	条件 Conditions	規定値 Ratings	単位 Unit
T _{stg}		-40~150	°C
T _j		150	°C
P	T ₁ =25°C	5	W
PRSM	10/1000 μ s 非繰り返し 10/1000 μ s Non-repetitive	7000	W
	10/10000 μ s 非繰り返し 10/10000 μ s Non-repetitive	3500	
IRSM	10/1000 μ s 非繰り返し 10/1000 μ s Non-repetitive	180	A
	10/10000 μ s 非繰り返し 10/10000 μ s Non-repetitive	100	
VRM		23	V

Electical Characteristics (指定のない場合 T₁=25°C/unless otherwise specified)

V _{BR}	I _R =1mA, パルス測定 I _R =1mA, Pulse measurement	MIN. 24.3 MAX. 29.7	V
V _{CL}	I _{FP} =180A 10/1000 μ s exp波 I _{FP} =180A 10/1000 μ s exponential wave	MAX. 40	V
I _R	V _R =23V	MAX. 5.0	μ A
V _F	I _F =30A, パルス測定 I _F =30A, Pulse measurement	MAX. 1.3	V
r _Z		MAX. 0.09	%/°C

■ 特性図 CHARACTERISTIC DIAGRAMS



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