

For small power current rectification

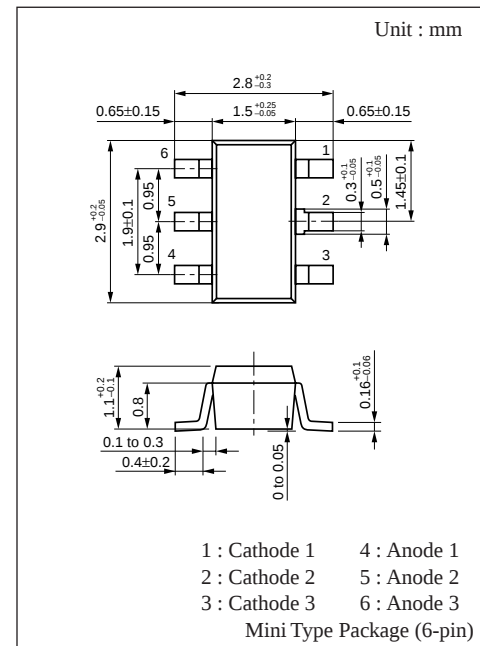
■ Features

- Three-element separately incorporated, enabling high-density mounting
- High voltage rectification

■ Absolute Maximum Ratings (Ta= 25°C)

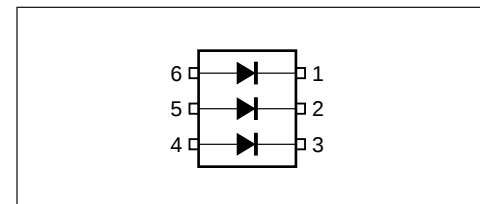
Parameter		Symbol	Rating	Unit
Reverse voltage (DC)		V_R	200	V
Peak reverse voltage		V_{RM}	200	V
Output current	Single	I_O	200	mA
	Triple	I_O	100	1 Unit
Repetitive peak forward current	Single	I_{FRM}	600	mA
	Triple	I_{FRM}	200	1 Unit
Non-repetitive peak forward surge current	Single	I_{FSM}^*	1000	mA
	Triple	I_{FSM}^*	350	1 Unit
Junction temperature		T_j	150	°C
Storage temperature		T_{stg}	- 55 to +150	°C

* t=1s



Marking Symbol : M4F

■ Internal Connection



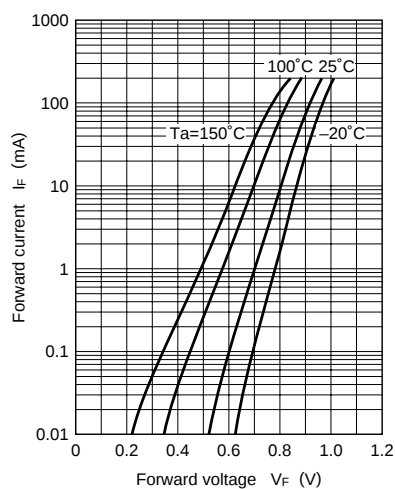
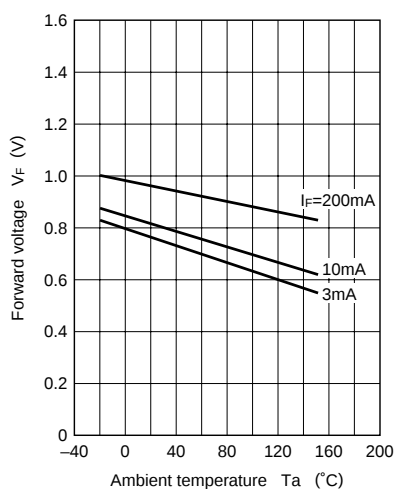
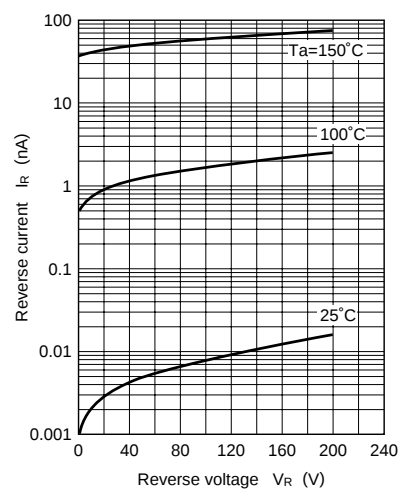
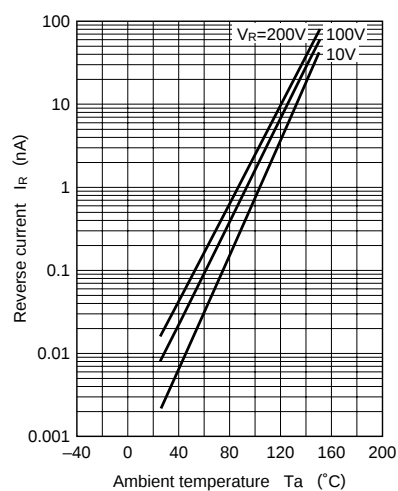
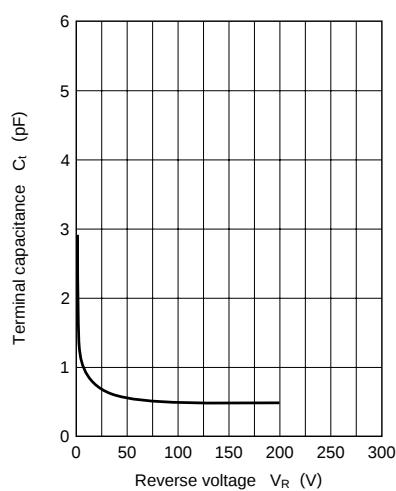
■ Electrical Characteristics (Ta= 25°C)

Parameter	Symbol	Condition	min	typ	max	Unit
Reverse current (DC)	I_R	$V_R=200V$			0.2	μA
Forward voltage (DC)	V_F	$I_F= 200mA$			1.2	V
Terminal capacitance	C_t	$V_R= 0V, f=1MHz$		4.5		pF

- ❖ Rated input/output frequency : 3MHz

■ Marking



$I_F - V_F$  $V_F - T_a$  $I_R - V_R$  $I_R - T_a$  $C_t - V_R$  $I_F(\text{surge}) - t_W$ 