

1500V/10A Damper diode

FMU-G2FS

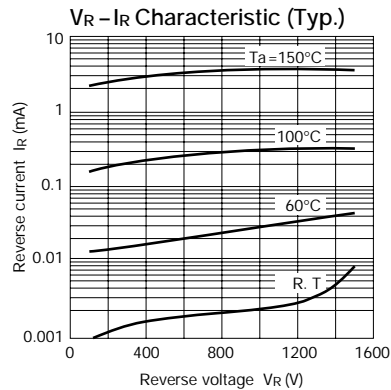
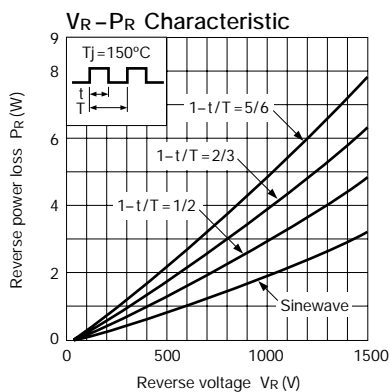
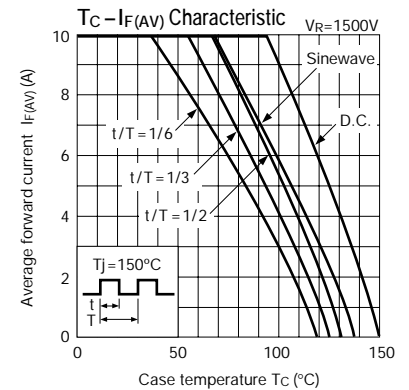
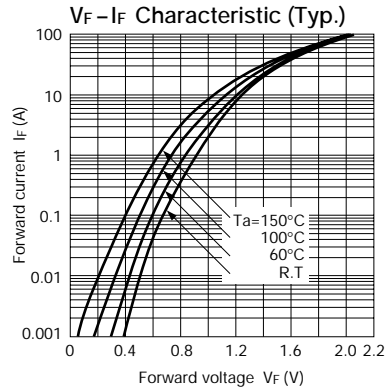
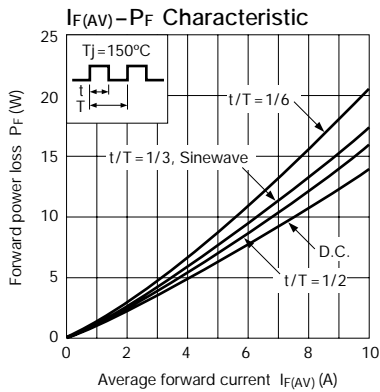
Absolute maximum ratings

Parameter	Ratings	Unit	Conditions
V_{RM}	1500	V	
$I_{F(AV)}$	10	A	Sinewave
I_{FSM}	50	A	10ms Half-cycle sinewave Single Shot
I^2t	12.5	A^2s	
T_j	-40 to +150	$^{\circ}C$	
T_{stg}	-40 to +150	$^{\circ}C$	

Electrical characteristics

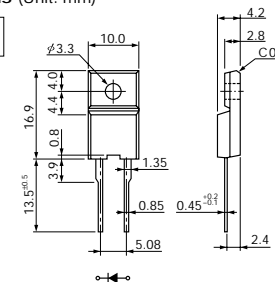
($T_a = 25^{\circ}C$)

Parameter	Ratings	Unit	Conditions
V_F	1.6max	V	$I_F = 10A$
I_R	50max	μA	$V_R = V_{RM}$
$H.I.R$	6.0max	mA	$T_j = 150^{\circ}C$, $V_R = V_{RM}$
trr 1	600	ns	$I_F = I_{RP} = 500mA$, 90% Recovery Point, $T_j = 25^{\circ}C$
trr 2	250	ns	$I_F = 500mA$, $I_{RP} = 1000mA$, 75% Recovery Point, $T_j = 25^{\circ}C$
$R_{th(j-c)}$	4.0max	$^{\circ}C/W$	Junction-to-case



External dimensions (Unit: mm)

Flammability:
UL94V-0 or equivalent



Reference data

