

# 1500V/10A Damper diode

## FMU-G2FS

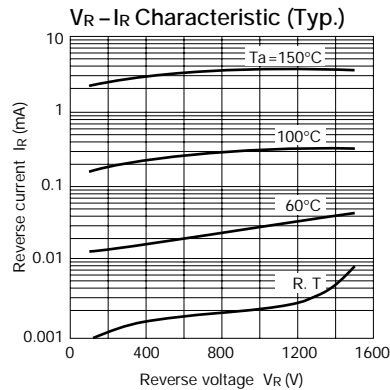
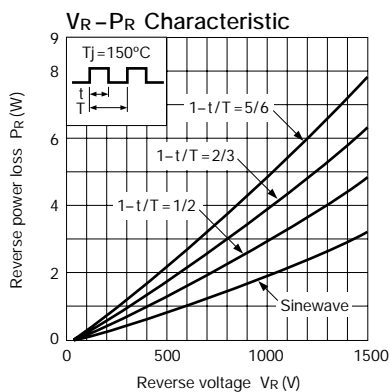
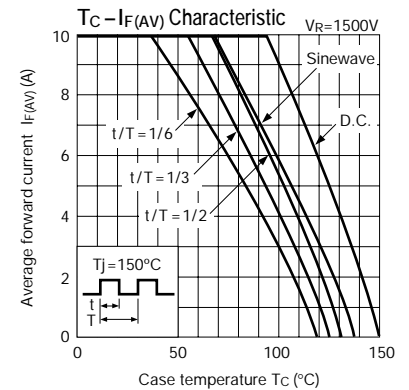
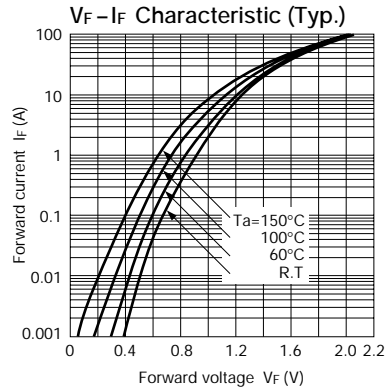
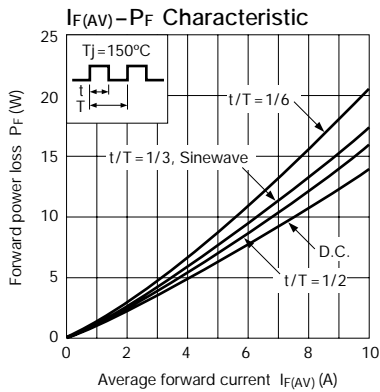
### Absolute maximum ratings

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

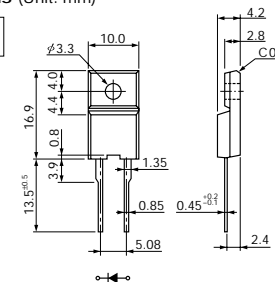
( $T_a = 25^{\circ}C$ )

Parameter	Ratings	Unit	Conditions
$V_F$	1.6max	V	$I_F = 10A$
$I_R$	50max	$\mu A$	$V_R = V_{RM}$
$H.I.R$	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

