

100V, 20A Schottky barrier diode in TO220F package

FME-220A

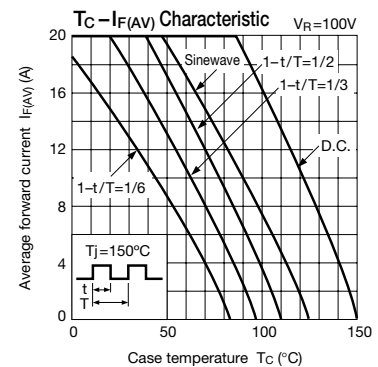
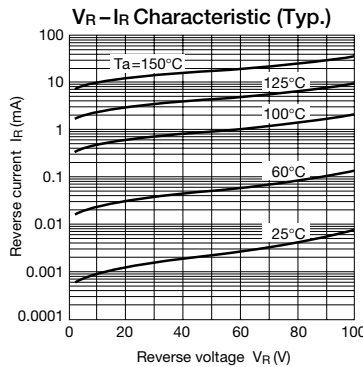
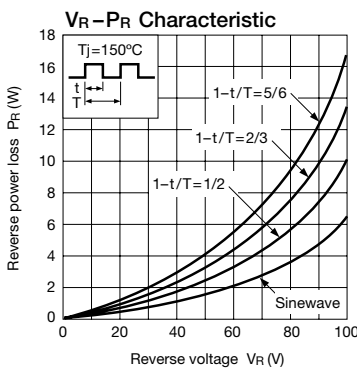
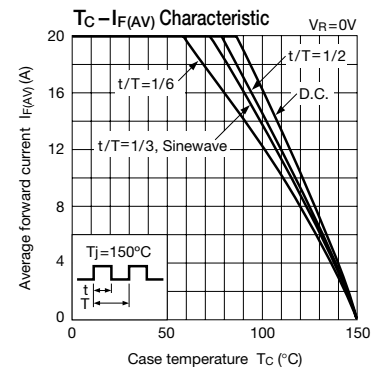
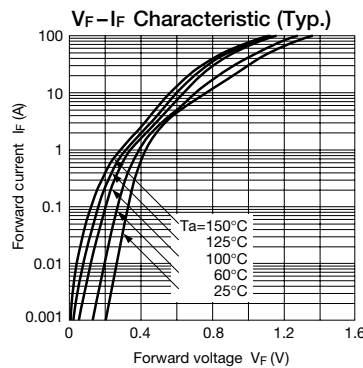
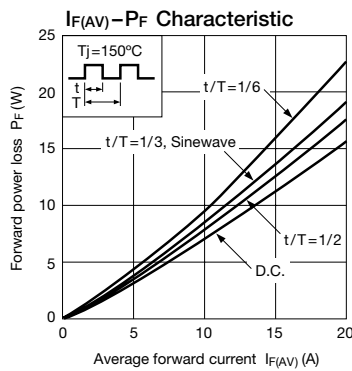
Absolute maximum ratings

Parameter	Ratings	Unit	Conditions
V_{RM}	100	V	
$I_{F(AV)}$	20	A	
I_{FSM}	120	A	10ms Half-cycle sinewave Single Shot
I^2t	72	A^2s	
T_J	-40 to +150	$^{\circ}C$	
T_{stg}	-40 to +150	$^{\circ}C$	

Electrical characteristics

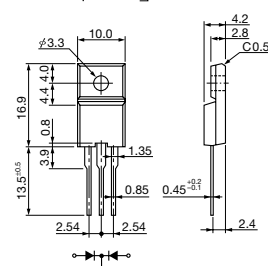
($T_a = 25^{\circ}C$)

Parameter	Ratings	Unit	Conditions
V_F	0.85	V	$I_F = 10A$
I_R	1.0max	mA	$V_R = V_{RM}$
$H.I.R$	100max	mA	$T_J = 150^{\circ}C$, $V_R = V_{RM}$
$R_{th(j-c)}$	4.0max	$^{\circ}C/W$	Junction-to-case



External dimensions (Unit: mm)

Flammability:
UL94V-0 or equivalent



Reference data

