

100V, 20A Schottky barrier diode in TO220F package

FME-220A

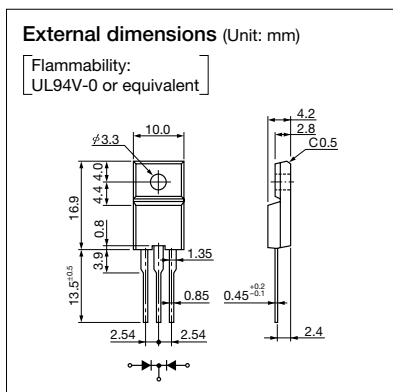
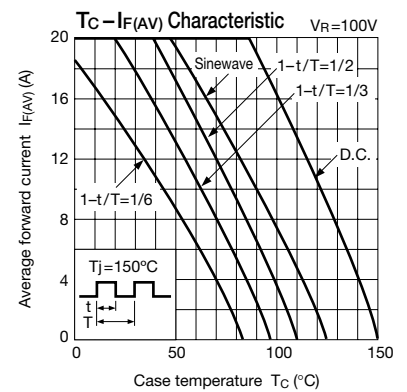
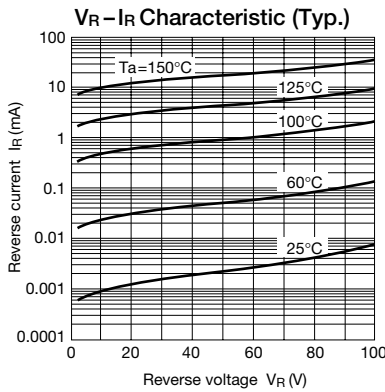
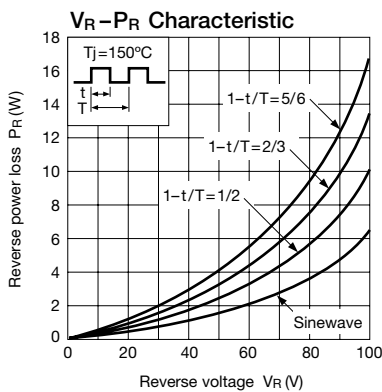
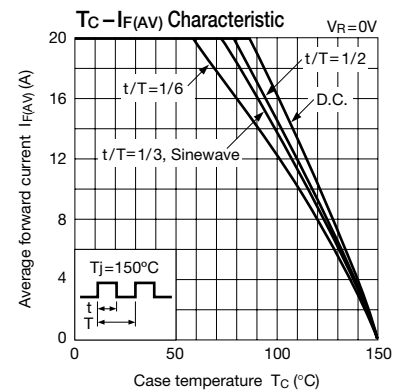
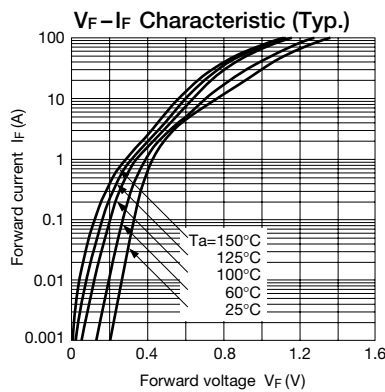
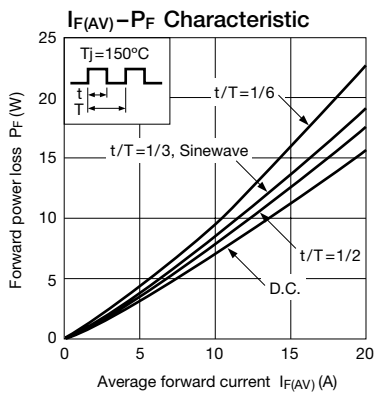
Absolute maximum ratings

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 ² s	
T_j	-40 to +150	°C	
T_{stg}	-40 to +150	°C	

Electrical characteristics

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

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



Reference data

