

100V, 30A Schottky barrier diode in TO220F package

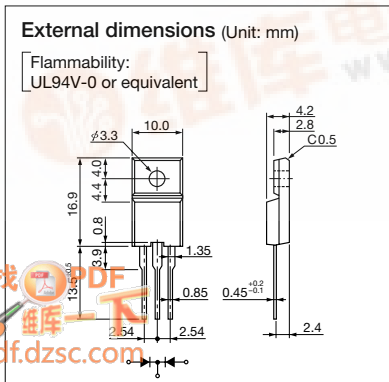
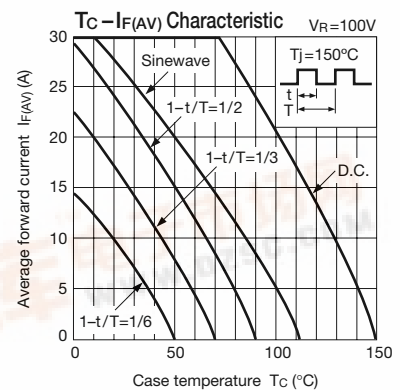
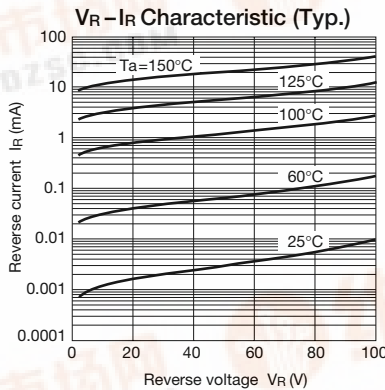
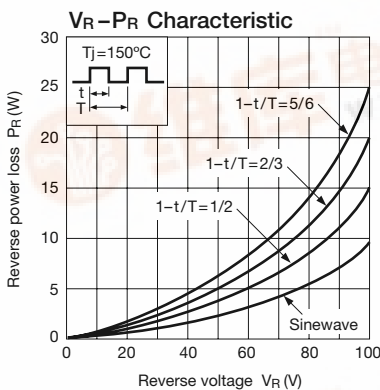
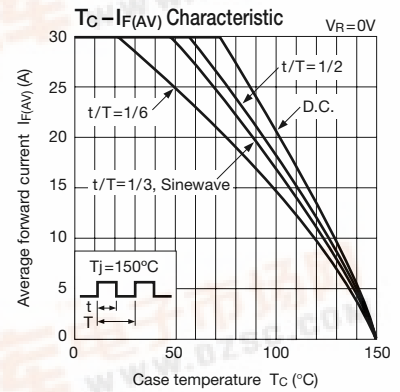
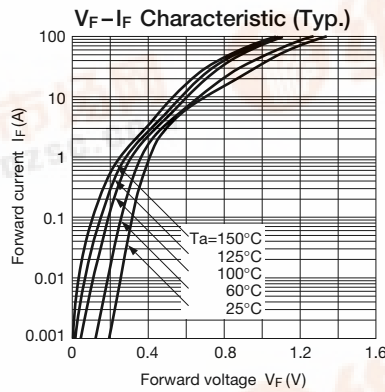
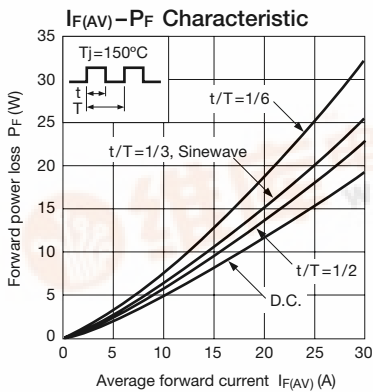
FME-230A

Absolute maximum ratings

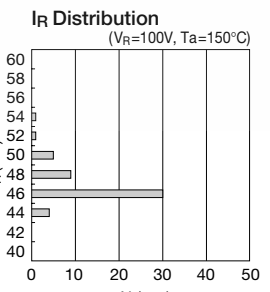
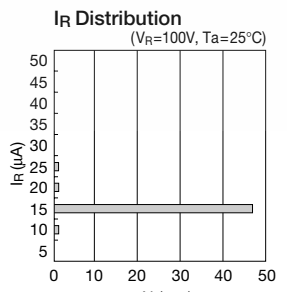
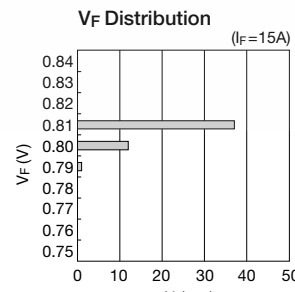
Parameter	Ratings	Unit	Conditions
V_{RM}	100	V	
$I_{F(AV)}$	30	A	
I_{FSM}	150	A	10ms Half-cycle sinewave Single Shot
I^2t	112	A^2s	
T_j	-40 to +150	$^{\circ}C$	
T_{stg}	-40 to +150	$^{\circ}C$	

Electrical characteristics (Ta=25°C)

Parameter	Ratings	Unit	Conditions
V_F	0.85	V	$I_F=15A$
I_R	1.5max	mA	$V_R=V_{RM}$
H.I.R	150max	mA	$T_j=150^{\circ}C, V_R=V_{RM}$
$R_{th(j-c)}$	4.0max	$^{\circ}C/W$	Junction-to-case



Reference data



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