30A Schottky barrier diode in TO220F package

FMB-2306

■Feature

- I_F=30A in TO220F package
- Tj=150°C guaranteed

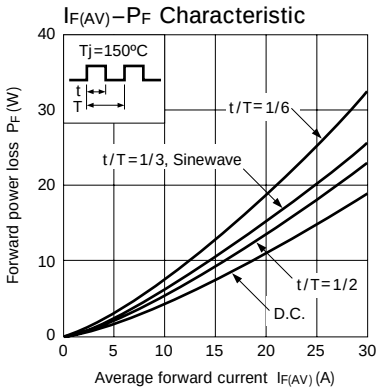
■Absolute maximum ratings

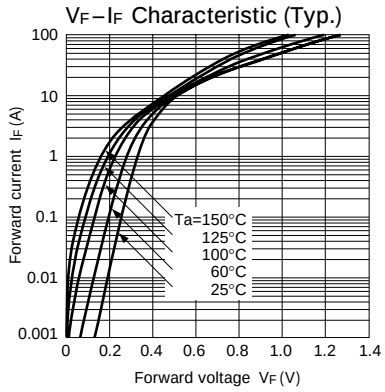
Parameter	Ratings	Unit	Conditions
V_{RM}	60	V	
$I_{F(AV)}$	30	A	
I_{FSM}	150	A	10ms Half-cycle sinewave Single Shot
I^2t	112	A^2s	
Tj	−40 to +150	°C	
Tstg	−40 to +150	°C	

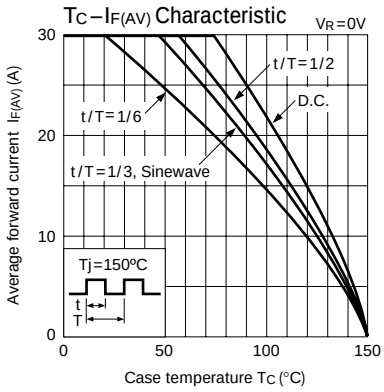
■Electrical characteristics

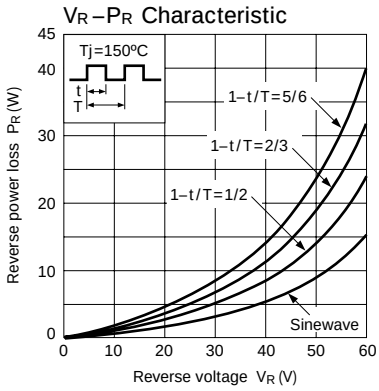
(Ta=25°C)

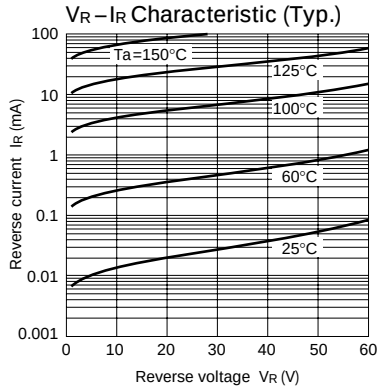
Parameter	Ratings	Unit	Conditions
V_F	0.7max	V	I_F=15A
I_R	8.0max	mA	V_R=V_{RM}
H.I_R1	115max	mA	Tj=125°C, V_R=V_{RM}
H.I_R2	400max	mA	Tj=150°C, V_R=V_{RM}
Rth(j-c)	4.0max	°C/W	Junction-to-case

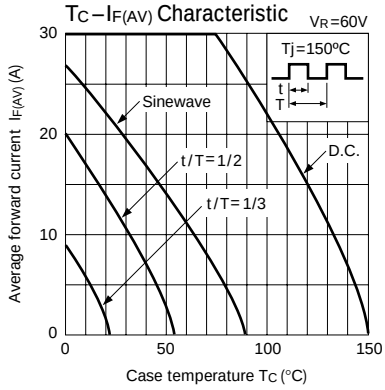






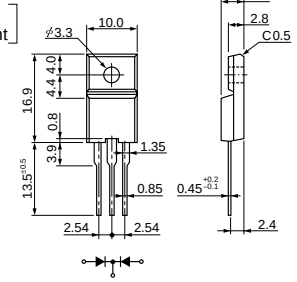






External dimensions (Unit: mm)

Flammability: UL94V-0 or equivalent



Reference data

