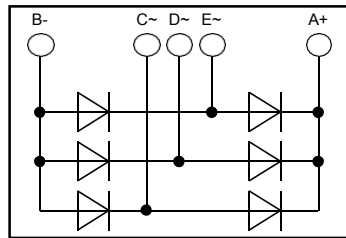


Diode Modules TG-PAK

Features

- International standard package
- With DBC ceramic base plate
- Planar passivated chips
- High surge capability
- Complies With RoHS Directive;
- Lead Free;



IdAVM = 250A
VRRM = 800-1600V

Benefits

- Supplies for DC power equipment
- Input rectifiers for PWM inverter
- Field supply for DC motors
- Battery DC power supplies



Absolute Maximum Ratings

Symbol	Test Conditions	Max.	Units
VRRM		800,1200,1400,1600	V
IdAVM	Tc=100 °C, module	250	A
IFSM	TVJ=45 °C; t=10ms (50 Hz),sine	2800	A
	VR=0 t=8.3ms (60 Hz),sine	3300	A
	TVJ=150 °C; t=10ms (50 Hz),sine	2500	A
	VR=0 t=8.3ms (60 Hz),sine	2750	A
I²t	TVJ=45 °C; t=10ms (50 Hz),sine	39200	A²s
	VR=0 t=8.3ms (60 Hz),sine	45000	²s
	TVJ=150 °C; t=10ms (50 Hz),sine	31200	A²s
	VR=0 t=8.3ms (60 Hz),sine	31300	A²s
VISOL	RMS Isolation Voltage, Any Terminal To Case, t=1 min	2500	V
TVJ		-40 to +150	°C
TVJM		150	
TSTG		-40 to +125	

