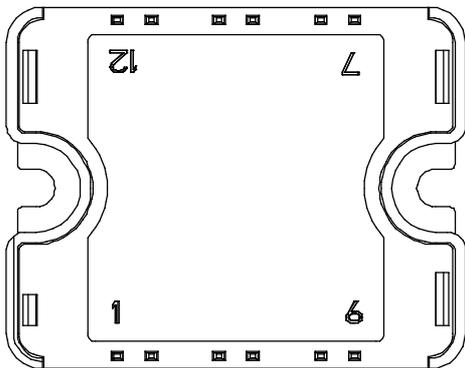
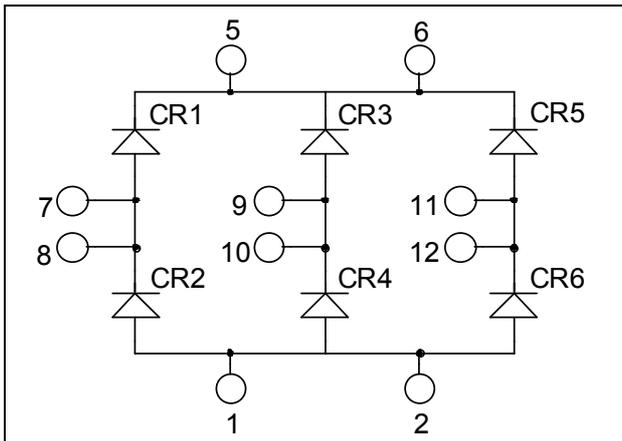


3 Phase rectifier bridge Power Module

$V_{RRM} = 1600V$
 $I_C = 70A @ T_c = 80^\circ C$



All multiple inputs and outputs must be shorted together
 1/2 ; 5/6 ; 7/8 ; 9/10 ; 11/12

Application

- Input rectifiers for inverter
- Battery DC power supply

Features

- High blocking voltage
- High surge current
- Low leakage current
- Very low stray inductance
 - Symmetrical design
- High level of integration

Benefits

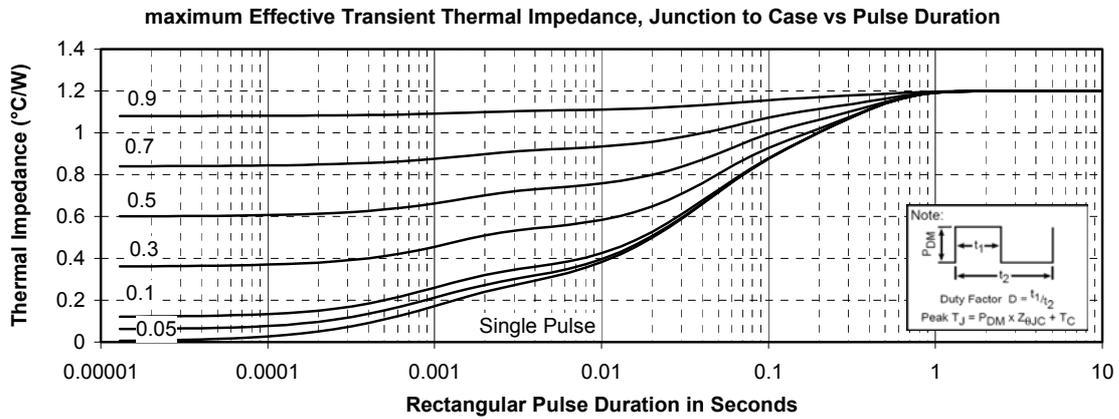
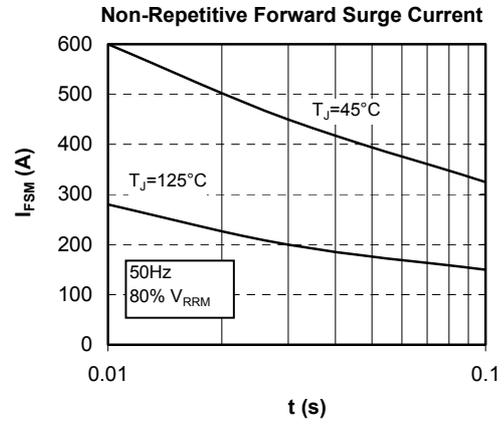
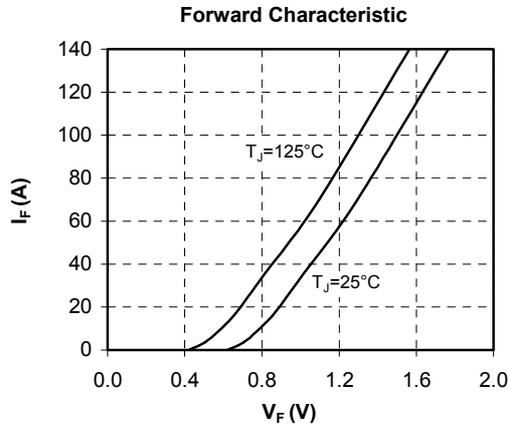
- Solderable terminals for easy PCB mounting
- Direct mounting to heatsink (isolated package)
- Low profile
- RoHS compliant

Absolute maximum ratings

Symbol	Parameter	Max ratings	Unit
V_R	Maximum DC reverse Voltage	1600	V
V_{RRM}	Maximum Peak Repetitive Reverse Voltage		
I_F	DC Forward Current	70	A
I_{FSM}	Non-Repetitive Forward Surge Current	600	
		$t=10ms$	
		$T_C = 80^\circ C$	
		$T_J = 45^\circ C$	

CAUTION: These Devices are sensitive to Electrostatic Discharge. Proper Handling Procedures Should Be Followed. See application note APT0502 on www.microsemi.com

Typical Performance Curve



Microsemi reserves the right to change, without notice, the specifications and information contained herein

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