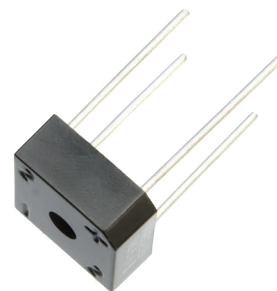


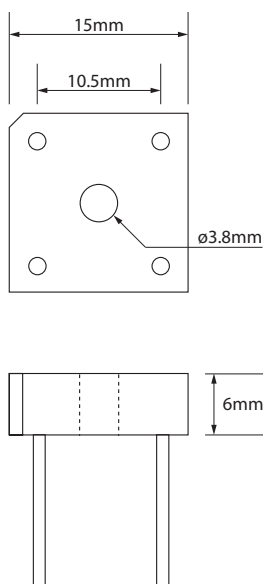
**6A/400V BRIDGE RECTIFIER
276-1181**

A single phase rectifier bridge consisting of four silicon diodes connected as a full bridge. Suitable for printed circuit board or chassis mounting.



TECHNICAL DATA

AN EXCLUSIVE TANDY SERVICE TO THE EXPERIMENTER



ABSOLUTE MAXIMUM RATINGS

Based on 50°C average case temperature (Exceeding maximum ratings will result in component failure).

Symbol	Parameter	Value	Unit
V_{RRM}	Maximum repetitive peak reverse voltage	400	V
V_{RMS}	Maximum input voltage (RMS)	280	V
$I_{F(AV)}$	Maximum average DC current, resistive/inductive load (With Heatsink)*	6	A
	Maximum average DC current, capacitive load (With Heatsink)	4.7	A
I_{FSM}	Peak one cycle, non-repetitive surge current (8.3ms)	125	A
V_F	Maximum forward voltage drop per diode	1.2	V
I_R	Peak reverse leakage per diode @ 25°C	10	μA
T_J	Operating temperature	-55 to 125	°C
T_{STG}	Storage temperature	-55 to 150	°C

$R_{thj-case}$	Thermal resistance junction-case max.	5	°C/W
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* Operating the regulator without a heatsink reduces the maximum current value by 2A.