



FFSB10120A-F085

ABSOLUTE MAXIMUM RATINGS ($T_C = 25 C$ unless otherwise noted)

Symbol	Parameter		Ratings	Unit
V_{RRM}	Peak Repetitive Reverse Voltage		1200	V
E _{AS}	Single Pulse Avalanche Energy (Note 1)		100	mJ
I _F	Continuous Rectified Forward Current @ T _C < 164 C		10	А
	Continuous Rectified Forward Current @ T _C < 135 C		21	
I _{F, Max}	Non Repetitive Peak Forward Surge Current	T _C = 25 C, 10 μs	850	А
		T _C = 150 C, 10 μs	800	
I _{F, SM}	Non Repetitive Forward Surge Current	Half Sine Pulse, tp = 8.3 ms	90	А
I _{F, RM}	Repetitive Forward Surge Current	Half Sine Pulse, tp = 8.3 ms	35	А
Ptot	Power Dissipation	T _C = 25 C	283	W
		T _C = 150 C	47	W
I _J , I _{STG}	Operating and Storage Temperature Range		55 to +175	С

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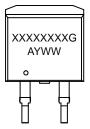
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D²PAK2 (TO-263-2L) CASE 418BK ISSUE O

DATE 02 AUG 2018

DET/

GENERIC MARKING DIAGRANI*



XXX = Specific Device Code

A = Assembly Location

= Year

WW = Work Week

G = Pb-Free Package

^{*}This information is generic. Please refer to device data sheet for actual part marking. Pb–Free indicator, "G" or microdot " •", may or may not be present. Some products may not follow the Generic Marking.

