



DP60C-GN1

主要参数 MAIN CHARACTERISTICS

VRRM	1200-2000V
IF (AV)	60A
Tj(max)	150°C
Vf (typ) (25°C)	1.2V

用途

- 电源用三相整流器
- 直流电机电源整流
- 电池充电器整流
- 变频驱动器输入整流

产品特性

- 三相桥式整流器
- 阻断电压: 1200 至 2000V
- 玻璃钝化芯片

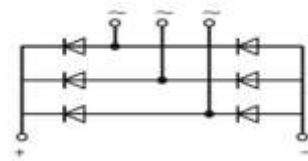
APPLICATIONS

- Three phase rectifiers for power supplies
- Rectifiers for DC motor field supplies
- Battery charger rectifiers
- Input rectifiers for variable frequency drives

FEATURES

- Three phase bridge rectifier
- Blocking Voltage: 1200 to 2000V
- Glass passivated chip

封装 Package





Module Type

TYPE	VRRM	VRSM
DP60C120AGN1	1200	1300
DP60C160AGN1	1600	1700
DP60C180AGN1	1800	1900
DP60C200AGN1	2000	2100

Maximum Ratings

Symbol	Conditions	Values	Units
ID	Output current , T _j =25°C	60	A
IFSM	t _P =8.3ms,sin 180° ; T _j =25°C	840	A
I ² t	t _P =8.3ms,sin 180° ; T _j =25°C	2900	A ² s
T _J		-40 to +150	°C
T _{STG}		-40 to +125	°C

Thermal Characteristics

Symbol	Conditions	Values	Units
R _{th(j-c)}	Per diode	1.5	°C/W
R _{th(c-s)}	Module	0.1	°C/W

Electrical Characteristics

Symbol	Conditions	Values			Units
		Min.	Typ.	Max.	
V _F	T=25°C , I _F =60A	-	1.1	1.5	V
I _R	T _j =25°C , V _R =VRRM	-	-	0.1	mA
	T _j =150°C , V _R =VRRM			1	mA





注意事项

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3. 在电路设计时请不要超过器件的绝对最大额定值，否则会影响整机的可靠性。
4. 本说明书如有版本变更不另外告知。

NOTE

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3. Please do not exceed the absolute maximum ratings of the device when circuit designing.
4. Jilin Sino-microelectronics co., Ltd reserves the right to make changes in this. specification sheet and is subject to change without prior notice.

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