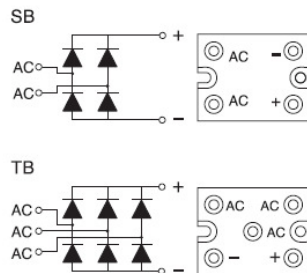
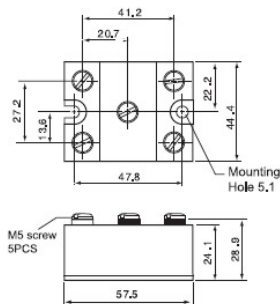


BRIDGE RECTIFIER MODULE (CRYDOM Type) 桥式整流器模块 (CRYDOM型)

Applications

Single-phase and three-phase diode circuits incorporate highly efficient thermal management to provide high surge capability, extended life, and reliable performance. Available in five circuits, all models come in an industry standard package, provide 2500 V_{RMS} from all terminals to the baseplate.

Part number type & circuit



Ordering information Table

Device Code	M50	100	TB	1200
	①	②	③	④
1	-Outline number			
2	-Current Code=I _{F(AV)}			
3	-TB=Three phase bridge SB=Single phase bridge			
4	-Voltage code=V _{RRM}			



Electrical Specifications

Type	M50 60	M50 100	
I _D	Maximum DC output current @ T _c =85°C (A)	60	100
V _{FM}	Maximum voltage drop @ amps peak	1.35 @ 60A	1.2 @ 100A
T _J	Operating junction temperature range	-40°C to +125°C	-40°C to +125°C
d _i /d _t	Critical rate of rise of on-state current @ T _J =125°C (A/μs)	100	100
d _v /d _t	Critical rate of rise of off-state voltage	500	500
V _{RMS}	Repetitive peak reverse voltage (AC line input voltage)	400(120Vac) 600(240Vac) 800(280Vac) 1000(380Vac) 1200(480Vac) 1400(530Vac) 1600(600Vac)	
I _{TSM}	Maximum non-repetitive surge current (A) [1/2 cycle, 60Hz]	800	1500
I ² T	Maximum I ² T for fusing (A ² sec)[t=8.3ms]	2650	9350
R _{θJC}	Maximum thermal resistance junction to ceramic base per chip	0.45°C/W	0.3°C/W
V _{ISO}	Isolation voltage	2500V _{RMS}	2500V _{RMS}

SCHOTTKY/SUPER FAST RECOVERY DIODE MODULE | 肖特基/超快恢复二极管模块

Features

- Double diode
- Low leak
- Low forward voltage drop
- Max T_c=175°C
- RoHs criterion ,green product

Performance

- Plastic Cover+High Temp Epoxy Resin
- Max Mounting Power 3.4~4.5N/m
- Weight ≤ 80g

Applications

- Big Power Switch Power Supply
- Inversion Weld Power Supply
- Frequency Converter

Ordering information Table

Device Code	MURP	200	40	CT
	①	②	③	④
1	MURP=super fast recovery diode module MBRP=schottky barrier diode module			
2	Current Code=I _{F(AV)}			
3	Voltage code=Code × 100=V _{RRM}			
4	Device code			

Part number type & circuit

