

THYRISTOR-THYRISTOR MODULE MTC500A-4200V

Feature :

- Chip and backplane electrical insulation
- over-current capability
- Standard package

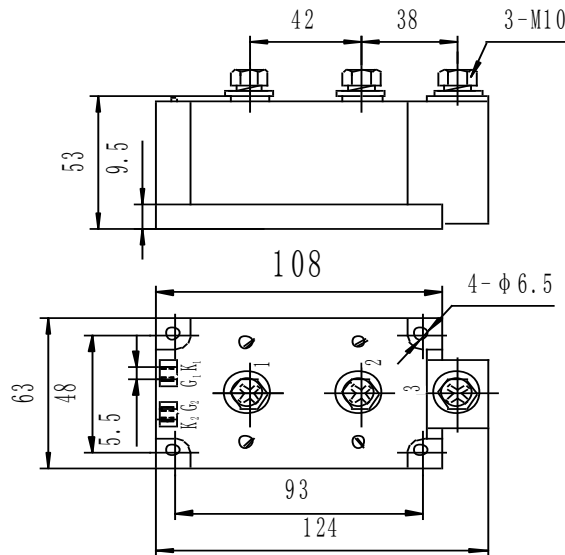
Typical application:

- Inverter welding machine
- DC power supplier
- soft starting capacitor

Datasheet:

TYPE	CONDITION	VALUE	UNIT
V_{DRM}	$V_{DSM} = V_{DRM} + 100V$	4200	V
V_{RRM}	$V_{RSM} = V_{RRM} + 100V$	4200	V
I_{DRM}	125°C, $V_{DM} = V_{DRM}$	150	mA
I_{RRM}	125°C, $V_{RM} = V_{RRM}$	150	mA
$I_{T(AV)}$	180° ,half sin wave, 50Hz, $T_C = 75^\circ C$	500	A
V_{TM}	25°C, $I_{TM} = 1500A$	2.8	V
I_{GT}	25°C, $V_A = 12V, I_A = 1A$	≤ 300	mA
V_{GT}	25°C, $V_A = 12V, I_A = 1A$	≤ 3.0	V
V_{ISO}	25°C	4200	V
T_{jm}		125	°C
T_{stg}		-40~125	°C

Outline:



CIRCUIT CONFIGURATION:



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