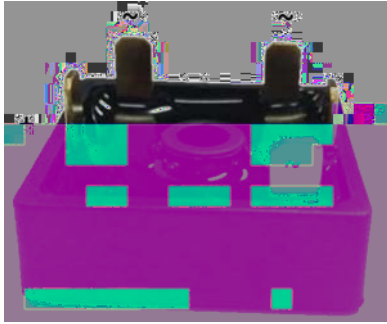
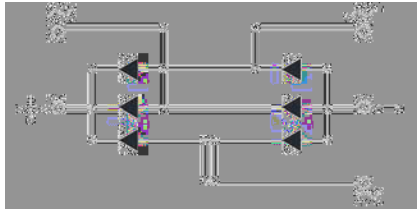




- UL recognition, file #E230084
- Low thermal resistance
- Glass passivated chip junction
- High surge current capability
- Solder dip 275 °C max. 7 s, per JESD 22-B106

General purpose use in AC/DC bridge full wave rectification
for Server Frequency converter Industrial power supply.



- : MT-M
Molding compound meets UL 94 V-0 flammability rating
- : Gold plated leads, solderable per J-STD-002 and JESD22-B102
- As marked on body

■ (T_a=25 Unless otherwise specified)

Device marking code			MT2506M	MT2508M	MT2510M	MT2512M	MT2514M	MT2516M

Maxi | / With heatsink I_O/ A / η yAverage rectified output current
@60Hz sine wave, R-load T_c =115 25.0

Forward Surge Current (Non-repetitive) @8.3ms, Half-sine wave,1 cycle, T _j =25	I _{FSM}	A	400	
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, T _j =25			800	
Current squared time @1ms≤t≤8.3ms T _j =25 , Rating of per diode	I ² t	A ² s	664	
Storage temperature	T _{stg}		-55 ~ +150	
Junction temperature	T _j		-55 ~ +150	
Dielectric strength @ Terminals to case, AC 1 minute	V _{dis}	KV	2.5	
Mounting torque	Tor	kg cm	10	

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