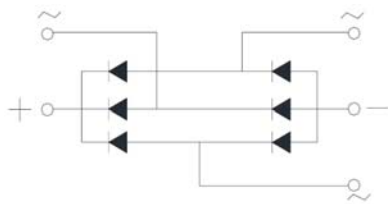




- UL recognition, file #E230084
- Low thermal resistance
- Glass passivated chip junction
- High surge current capability
- Solder dip 275 °C max. 7 s, per JESD 22-B106

General purpose use in AC/DC bridge full wave rectification for

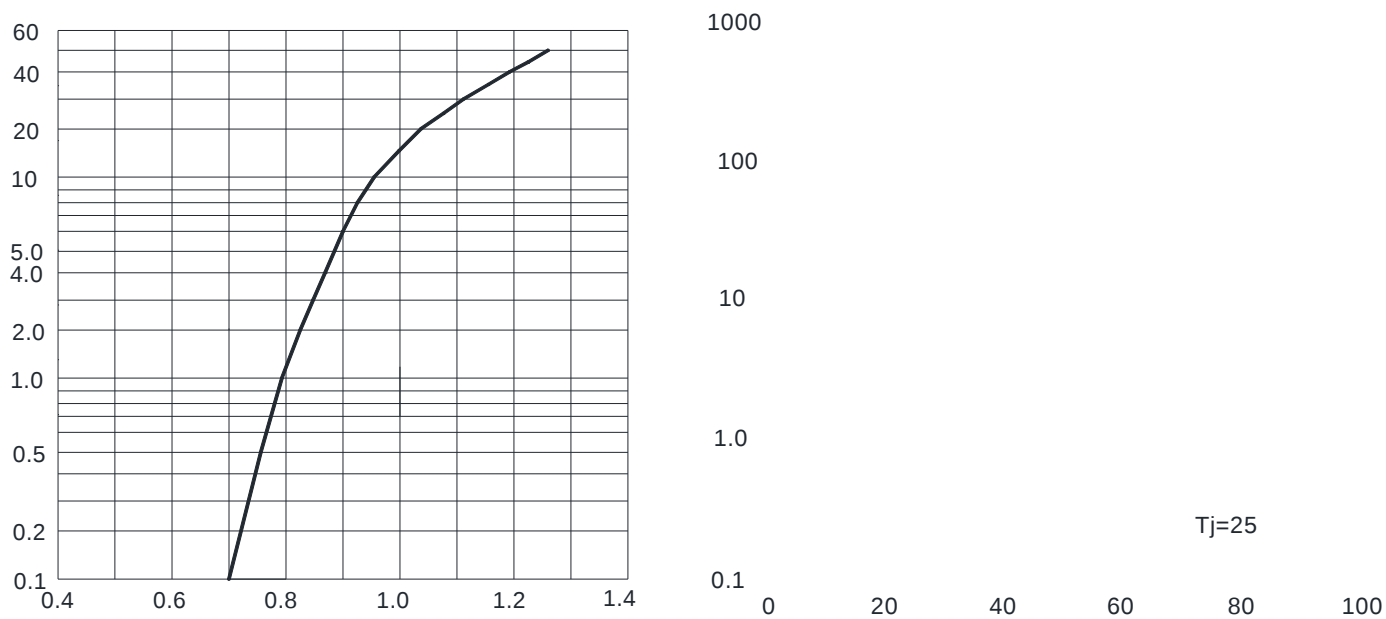


- : MT
- Molding compound meets UL 94 V-0 flammability rating
- : Au plated leads, solderable per J-STD-002 and JESD22-B102
- As marked on body

($T_a=25$ Unless otherwise specified)

Device marking code				MT5018A
Maximum Repetitive Peak Reverse Voltage		VRRM	V	1800
Maximum RMS Voltage		VRMS	V	1260
Maximum DC blocking Voltage		VDC	V	1800
Average rectified output current @60Hz sine wave, R-load	With heatsink $T_c=90$	IO	A	50

Current squared time @ $1\text{ms} \leq t \leq 8.3\text{ms}$ $T_j=25$, Rating of per diode		I^2t	A^2s	1038
Storage temperature		T_{stg}		-55 ~ +150
Junction temperature		T_j		-55 ~ +150
Dielectric strength @ Terminals to case, AC 1 minute		Vdis	KV	2.5
Mounting torque @Recommend torque 5kg cm		Tor	kg cm	8



■

A	23.3	24.3
B	23.3	24.3
C	28.2	28.8
D	15.5	16.5
E	/	25
F	9.0	10.0
G	6.2	6.4
H	0.75	0.85
I	4.5	5.5



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