



# MT25CB-T1

Units



## Thyristor Maximum Ratings

Symbol	Item	Conditions	Values	Units
$I_{TAV}$	Average On-State Current	Sine 180°; $T_c=85$	25	A
$I_{TSM}$	Surge On-State Current	$T_{VJ}=45$ $t=10ms$ , sine	550	A
		$T_{VJ}=125$ $t=10ms$ , sine	480	

## Thermal Characteristics

Symbol	Item	Conditions	Values	Units
$R_{th(j-c)}$	Thermal Impedance, max.	Junction to Case	0.90	/W
$R_{th(c-s)}$	Thermal Impedance, max.	Case to Heatsink	0.20	/W

## Electrical Characteristics



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