Specifcation of products

:

: MDK300A-Y02

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SYMBOL	CHARACTERISTIC	TEST CONDI TIONS	T_j (℃)	VALUE			UNIT
				Min	Type	Max	
$I_{F(AV)}$	Mean for ward current	180° half sine wave Single side cooled,T				300	A
$I_{F(RMS)}$	RMS for ward current	Single side cooled,T				471	A
V_{RRM}	Repetitive peak reverse voltage	V_{RRM} tp=10ms V_{RSM}= V_{DRM}&V_{RRM}+20		600		1800	V
I_{RRM}	Repetitive peak current	at V_{RRM}				20	mA
I_{FSM}	Surge forward current	10ms half sine wave V_R=0. 6V_{RRM}				12. 5	KA
I^2t	I^2T for fusing coordination					797	A^2s*10^3
V_{FO}	Threshold voltage					0. 75	V
r_F	Forward slop resistance						
V_{FM}	Peak forward voltage	I_{FM}=900A, 0 s					V
$R_{th(j-c)}$	Thermal resistance Junction to heatsink	At 180° sine, Single sid					°C /W

OUTLINE DRAWING & CIRCUIT DIAGRAM

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a n t t a

Outside Dimension