

- Low Forward Voltage Drop
- Guarding on turn-on or turn-off
- High conduction
- Low inductance

Parameter	Symbol	Value	Unit
Peak repetitive peak reverse voltage	$V_{RRM}$		
Working peak reverse voltage	$V_{RWM}$	40	V
DC blocking voltage	$V_R$		
RMS reverse voltage reverse voltage (DC)	$V_{R(RMS)}$	28	V
Average rectified output current	$I_o$	0.5	
Non-repetitive Peak Forward Surge Current @t=8.3ms	$I_{FSM}$	5.5	A
Power dissipation	$P_D$	500	mW
Thermal resistance junction to ambient	$R_{JA}$		
Junction temperature	$T_j$	105	
Storage temperature	$T_{STG}$	-55~+150	
Voltage rate of change	dv/dt	1000	V/ s

	Symbol	Test conditions	
Reverse breakdown voltage	$V_{RM}$	$I_{RM} \leq I_{RMmax}$	X
Reverse current	$I_{RM}$	$V_{RM} \leq V_{RMmax}$	
		$I_{RM} \leq I_{RMmax}$	ε
Capacitance between terminals	$C_{ov}$	XUMÉ-MFTP:Á	]Ø

