

- 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}	$V_{RM} \leq V_{RMmax}$	
		$I_{RM} = 0$	ε
Capacitance between terminals	C_{ov}	XUMÉ-MFTP:Á]Ø

