



The MCR100-8 SCR provides high dV/dt rate with strong resistance to electromagnetic interface. It is especially recommended for use on residual current circuit breaker, straight hair, igniter etc. Complying with UL standards (File ref: E252906). Package TO-92 is RoHS compliant.

Symbol	Value	Unit
$I_{T(RMS)}$	1	A
$V_{DRM} / V_{RRM}$	800	V
$I_{GT}$	200	$\mu A$

DUfU a YhYf'	Gma Vc''	JU' iY'	I b]h'
Storage junction temperature range	$T_{stg}$	-40-150	
Operating junction temperature range	$T_j$	-40-125	
Repetitive peak off-state voltage ( $T_j=25^\circ C$ )	$V_{DRM}$	800	V
Repetitive peak reverse voltage ( $T_j=25^\circ C$ )	$V_{RRM}$	800	V
Average on-state current ( $T_c = 54^\circ C$ )	$I_{T(AV)}$	0.6	A
RMS on-state current ( $T_c = 54^\circ C$ )	$I_{T(RMS)}$	1	A

Non repetitive surge

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