



A 7F%\$\$!, '%5'GYbg]h]jY'G7F

FYj'5'&"%

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	μA

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 54)	5	A	

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CfXYf'WcXY'	Jc`hU[Y' J _{8FA} #J _{FFA} flJL'	= ; Hfl 5L'	DUW_U[Y'	6UgY'ehm" fidWgl'	8Y]jYfm' a cXY'
A7F%\$\$!, '	,\$\$'	@&\$\$'	HC!-&'	%z\$\$\$'	6 i`_'DUW_'
A7F%\$\$!, !HF'				&z\$\$\$'	HUdY'/'FYY'

8cWi aYbh'FYj]g]cb'<]ghcfm'

Date	
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