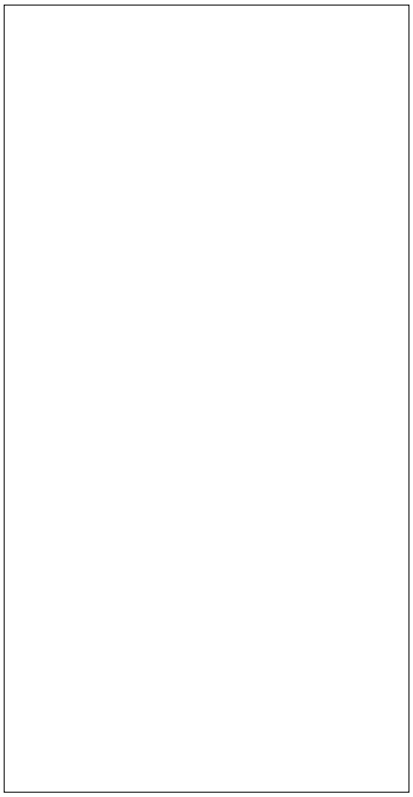
JCT1240A 40A SCR

Rev.A.1.1

DESCRIPTION:

With high ability to withstand the shock loading of large current, JCT1240A SCR provides high dV/dt rate with strong resistance to electromagnetic interference.It is especially recommended for use on solid state relay, motorcycle, power charger, T-tools etc. From all three terminals to external heatsink,JCT1240A provides a rated insulation voltage of 2500 $V_{RMS,}$ complying with UL standards (File ref: E252906). Package TO-220A is RoHS compliant.



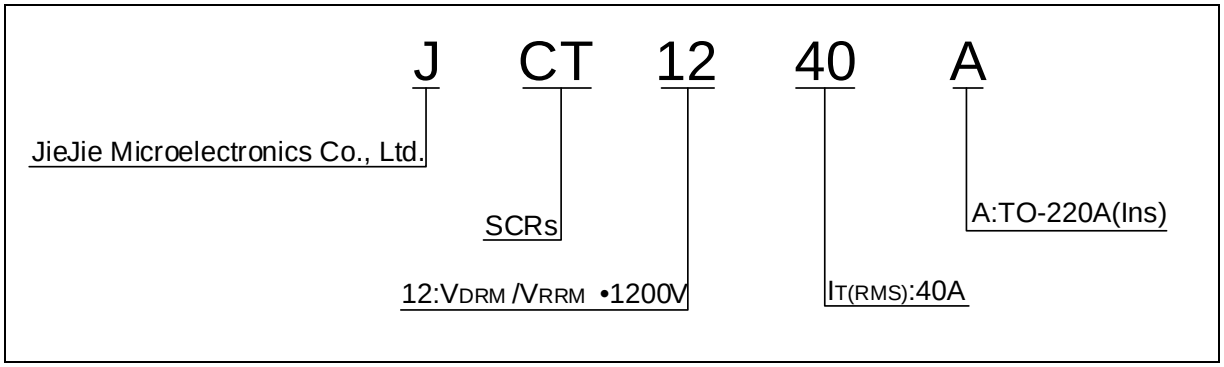
MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

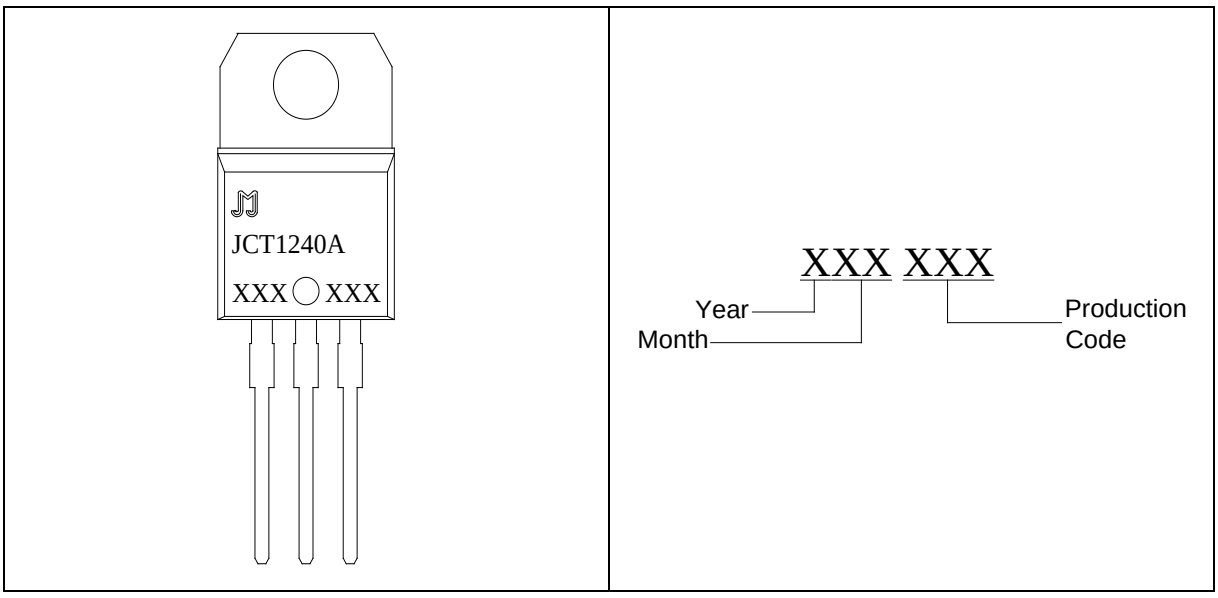
Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	-40-150	
Operating junction temperature range	T_j	-40-125	
Repetitive peak off-state voltage (T_j=25)	V_{DRM}	1200	V
Repetitive peak reverse voltage (T_j=25)	V_{RRM}	1200	V
Average on-state current ($T_C \leq$ 64)	$I_{T(AV)}$	25	A
RMS on-state current ($T_C \leq$ 64)	$I_{T(RMS)}$	40	A
Non repetitive surge peak on-state current (t_p=10ms, T_j=25)	I_{TSM}	500	A
Non repetitive surge peak on-state current (t_p=8.3ms, T_j=25)		540	

I^2

ORDERING INFORMATION



MARKING



JCT1240A **Jie**

PACKAGE MECHANICAL DATA

