JCT1231A 30A SCR Rev.A.1.1

DESCRIPTION:

With high ability to withstand the shock loading of large current, JCT1231A SCR provides high dV/dt rate with strong resistance to electromagnetic interference. It is especially recommended for use onsolid state relay, motorcycle, power charger, T-tools etc. From all three terminals to external heatsink, JCT1231A provides a rated insulation voltage of 2500 VRMS, complying with UL standards (File ref: E252906). Package TO-220A is RoHS compliant.

MAIN FEATURES

Symbol	Value	Unit
$I_{T(RMS)}$	30	A
V_{DRM} /V_{RRM}	1200	V
I_{GT}	”40	mA

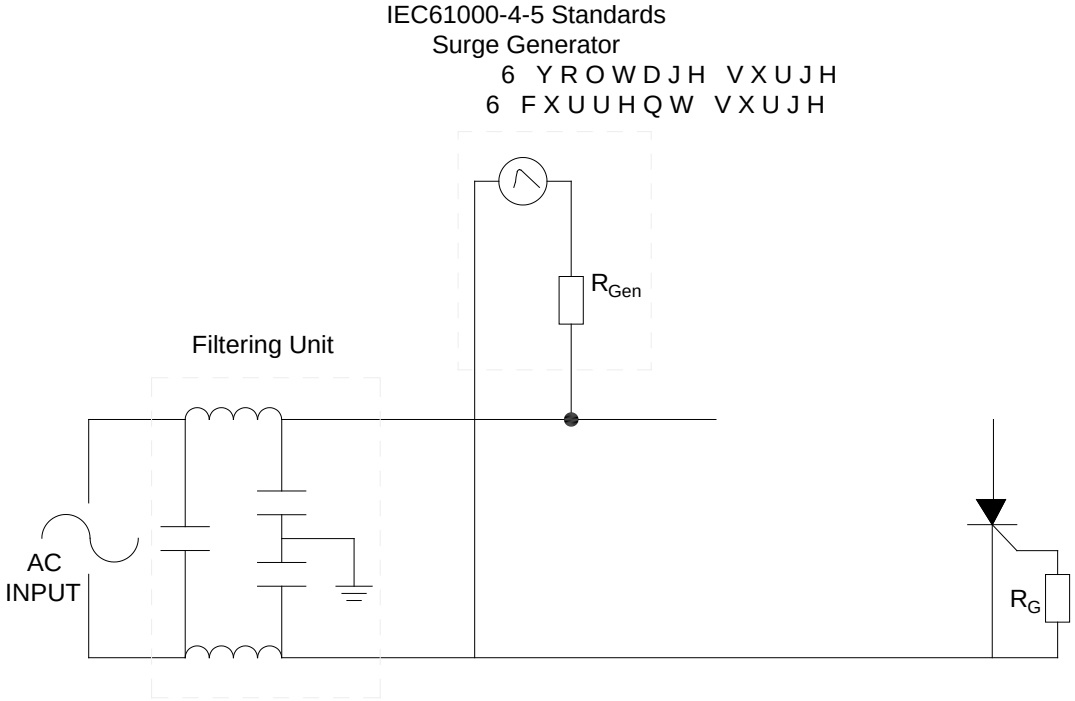
ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage junction temperature range/			

ORDERING INFORMATION

JCT1231A

FIG.7 ÖTest circuit for inductive and resistive loads to IEC-61000-4-5 standards.



PACKAGE MECHANICAL DATA

