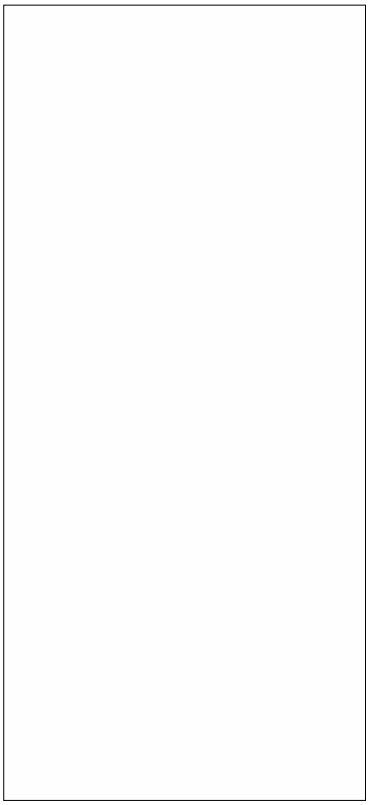
DESCRIPTION:

With high ability to withstand the shock loading of large current, JCT616F of silicon controlled rectifiers 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, JCT616F provides a rated insulation voltage of 2000 V_{RMS}, complying with UL standards (File ref: E252906). Package TO-220F is RoHS compliant.

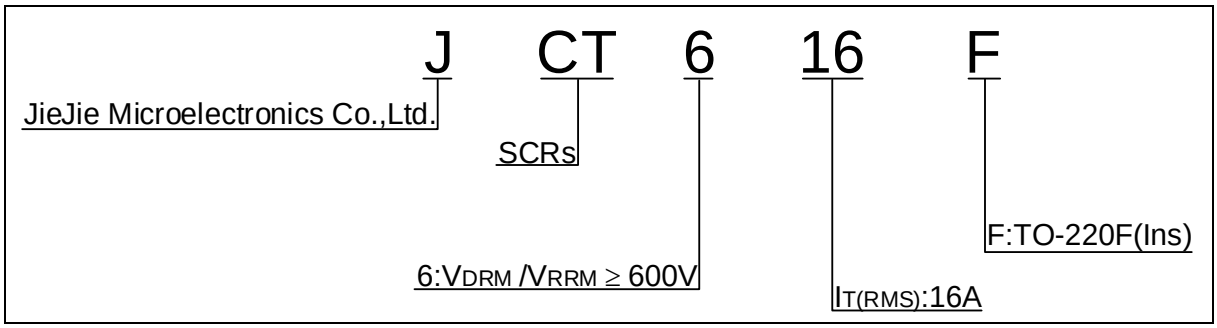


MAIN FEATURES

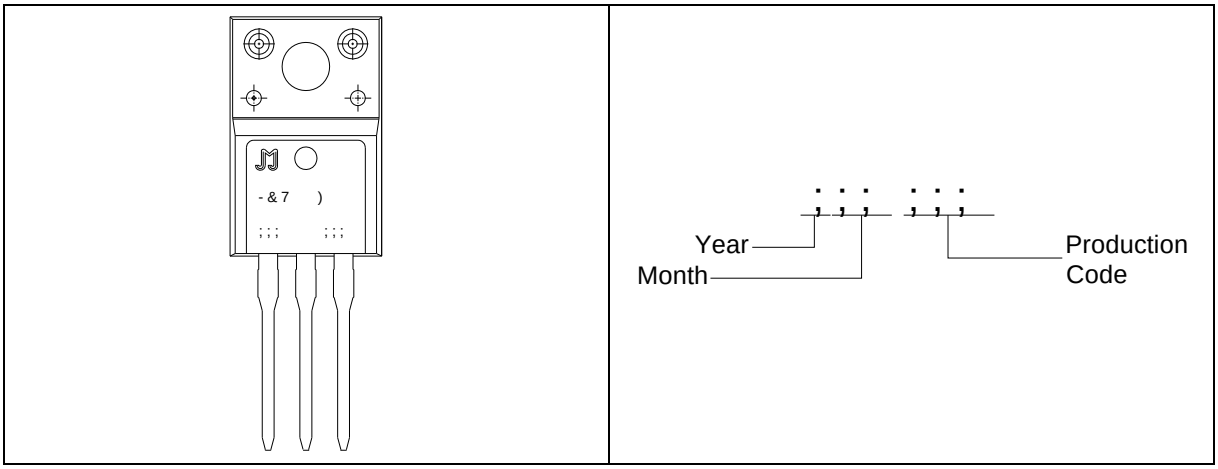
ABSOLUTE MAXIMUM RATINGS

Storage junction temperature range	T_{stg}	-40-150	
Operating junction temperature range	T_j		

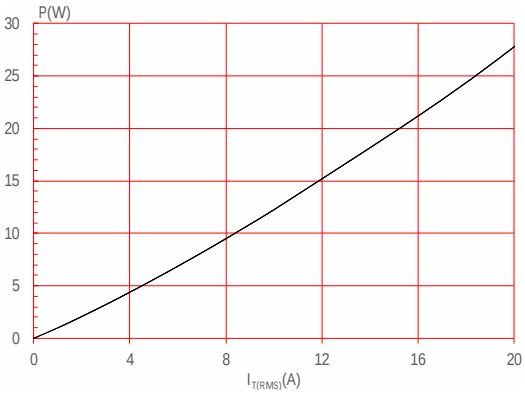
ORDERING INFORMATION



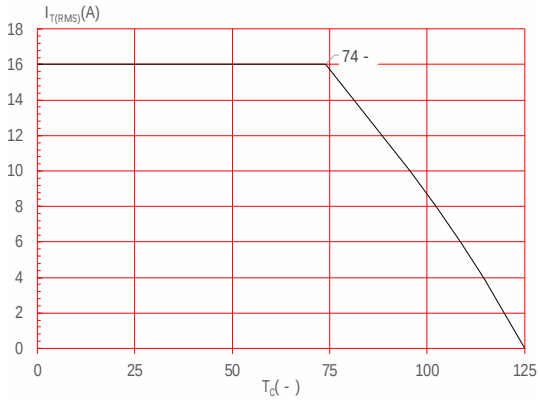
MARKING



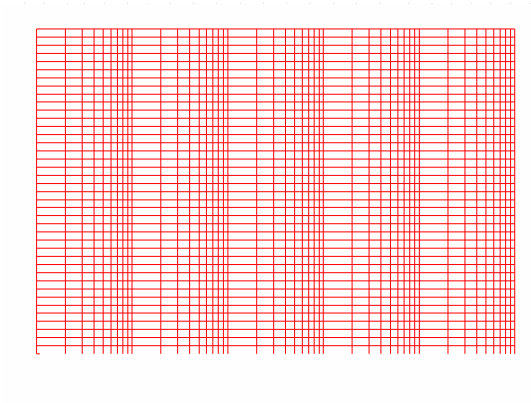
Maximum power dissipation versus RMS on-state current



RMS on-state current versus case temperature

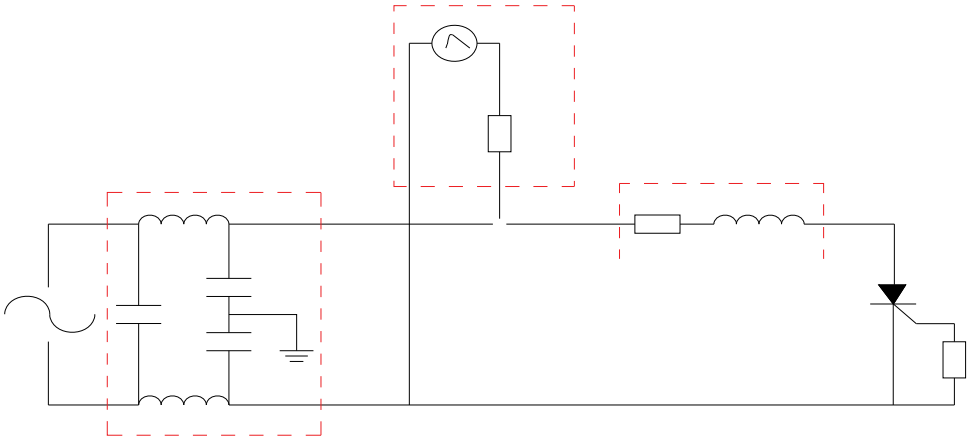


Surge peak on-state current versus number of cycles

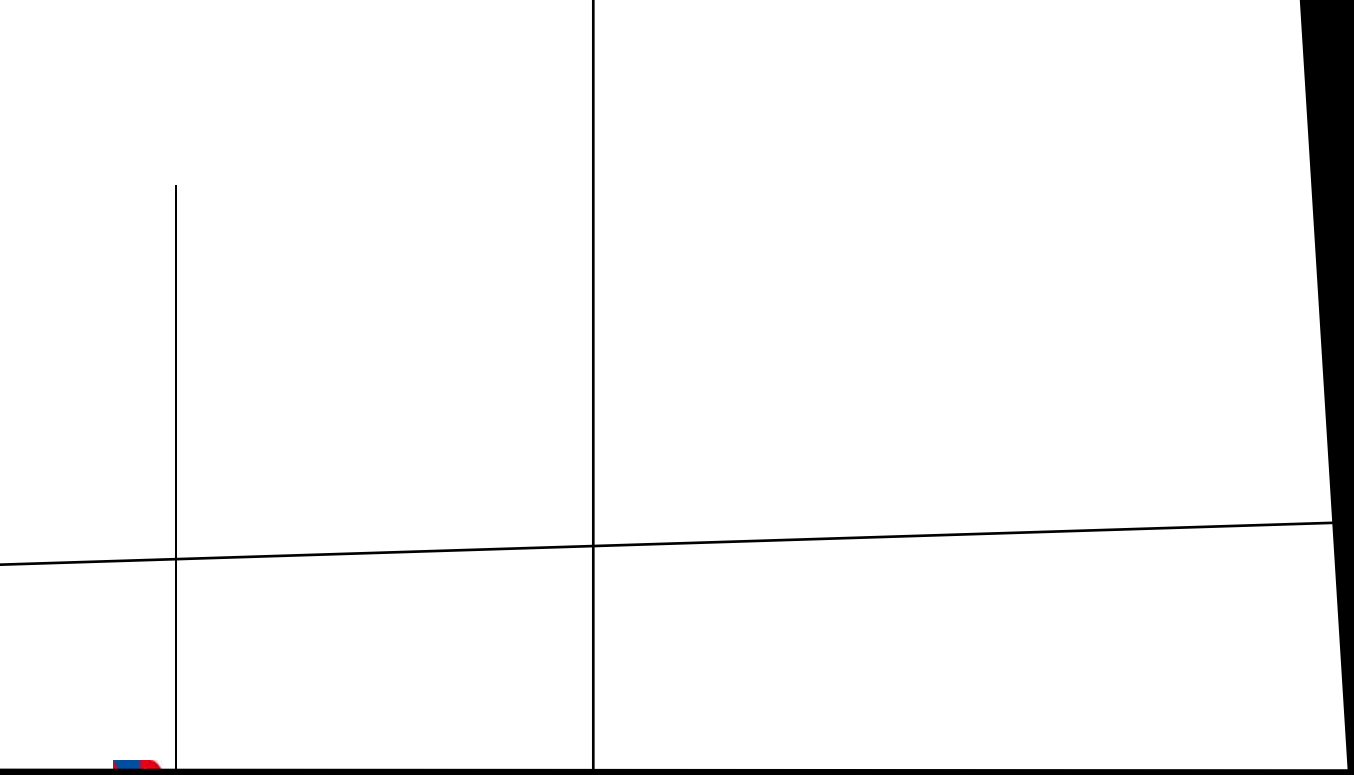


On-state characteristics

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



TEL



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