T1210H-6C 12A TRIAC

Rev.A.1.1

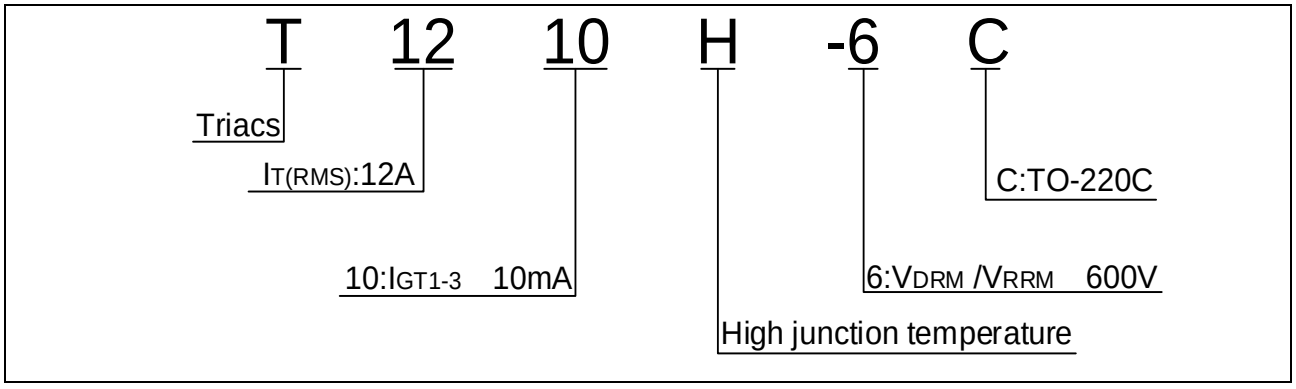
DESCRIPTION:

The T1210H-6C triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such asheating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. Compared to traditional triacs, T1210H-6C provides a very high switching capability up to junction temperatures of 150°C. It can be driven directly through the MCU I/O port. From T2 terminals to external heatsink. Package TO-220C is RoHS compliant.

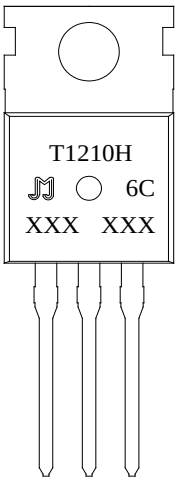
MAIN FEATURES

ABSOLUTE MAXIMUM Rw4 (U)1.4 (i)6e3(E).2 IN MA 3.9153(28 -2.[=2E)(IM5)c 0 E<

ORDERING INFORMATION



MARKING



XXX XXX

Year
Month

Production
Code

FIG.1: Maximum power dissipation versus RMS on-state current

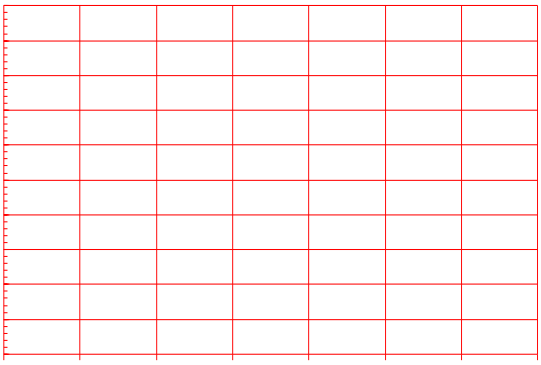
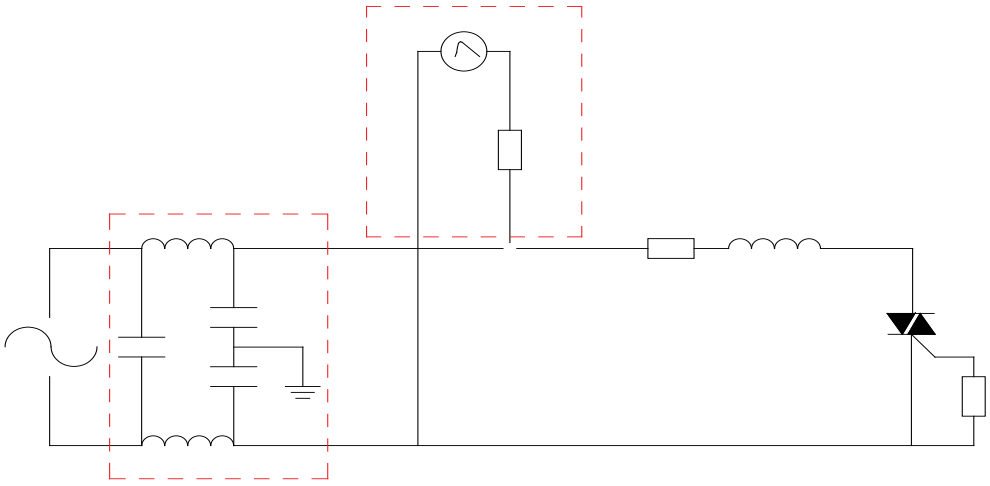


FIG.2: RMS on-state current versus case temperature

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



ORDERING INFORMATION

Order code	Voltage	IGT(mA)	Package	Base qty. (pcs)	
			cTc 0 T(.)1.5 1 (e)21.5 1 (e)0H		