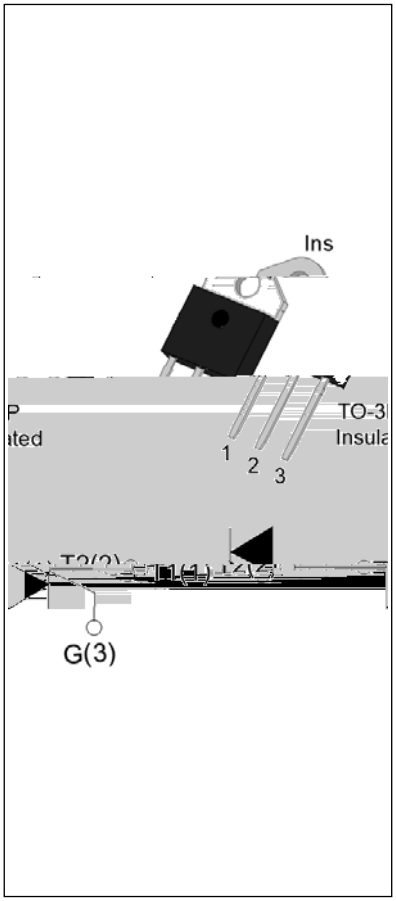
JST41Z-800TW 40A TRIAC

Rev.A.1.1

DESCRIPTION:



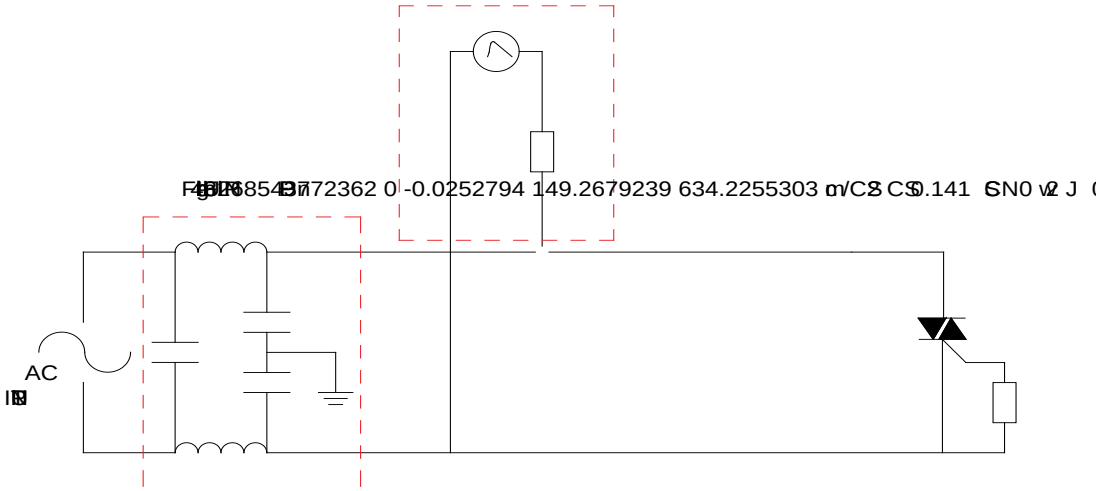
MAIN FEATURES

Symbol	Value	Unit
$I_{T(RMS)}$	40	A
V_{DRM} /V_{RRM}	800	V
I_{GT} / /	5/5/5	mA

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}	600	V
Repetitive peak reverse voltage (T $_j$=25)	V_{RRM}	600	V
RMS on-state current (T $_C$ 81)	$I_{T(RMS)}$	40	A
Non repetitive surge peak on-state current (full cycle, t $_p$=20ms, T $_j$=25)	I_{TSM}	420	A
Non repetitive surge peak on-state current (full cycle, t $_p$=16.6ms, T $_j$=25)		462	
I^2t value for fusing (t $_p$=10ms, T $_j$=25)	I^2t	1000	A^2s
Critical rate of rise of on-state current (I_G=2× I_{GT} , f=100Hz, T $_j$=125)	dI/dt	50	A/µs

FIG.7 EC -61000-4-5



ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM}(V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		H I- J I	Tm 93	/Span	<< 4-

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