



Part: Q2015LT
Series: Teccor® Quadrac Devices
Technology:QUADRAC devices

PARAMETERS		
Package Type	Pkg Type	Radial Leaded
Mount Method	Mount	Through Hole
Critical Rate-of-rise of On-state Current	di/dt (A/ μ s)	100
Repetitive Peak off-state Current	I_{DRM} 100 $^{\circ}$ C (mA)	0.5000
Repetitive Peak off-state Current	I_{DRM} 100 $^{\circ}$ C (mA)	2.0000
Repetitive Peak off-state Current	I_{DRM} 25 $^{\circ}$ C (mA)	0.0500
Peak Gate Trigger Current (10 μ s Max)	I_{GTM} (A)	1.5000
On-state Current	$I_{T(RMS)}$ MAX (A)	15
RMS Surge (Non-repetitive) On-state Fusing Current – Measure of let-through energy in terms of current and time for fusing purposes	$I^2 t$ (A^2 sec)	166.0000
Package Size/ Form Factor	Package Size	TO-220
Gate controlled turn-on time	tgt (μ s)	3
Peak On-state Voltage	V_{TM} (V)	1.6000
Repetitive Peak Off-state Voltage	V_{DRM} MIN (V)	200
Holding Current	I_H MAX (mA)	70
Surge (Non-repetitive) On-state current	I_{TSM} 60Hz (A)	200
Surge (Non-repetitive) On-state current	I_{TSM} 50Hz (A)	167
Critical Rate-of-rise of Commutation Voltage of a Triac (commutating dv/dt)	dv/dt (c) min (V/ μ s)	4
Critical rate-of-rise of off-state voltage	dv/dt 100 $^{\circ}$ C (V/ μ s)	300
Critical rate-of-rise of off-state voltage	dv/dt 125 $^{\circ}$ C (V/ μ s)	200
Breakover voltage symmetry	Diac dV_{BO} MAX (V)	3
Breakover Voltage	Diac V_{BO} MIN (V)	33
Breakover Voltage	Diac V_{BO} max (V)	43
Dynamic Breakback Voltage	Diac $dV_{+/-}$ (V)	5
Diac Peak Breakover Current	Diac I_{BO} MAX (μ A)	25