

Thyristors

Table 30. Crowbar SCRs

		Peak Capacitor Discharge Current (1)				
		300 AMPS	750 AMPS	850 AMPS	1700 AMPS	
						
		Case 86-01 Style 1	Case 221A-04 Style 3	Case 175-03 Style 1	Case 263-04 Style 1	
V_{DRM} or V_{RRM}	50 V	MCR67-2	MCR68-2	MCR69-2	MCR70-2	MCR71-2
	100 V	MCR67-3	MCR68-3	MCR69-3	MCR70-3	MCR71-3
	400 V	MCR67-6	MCR68-6	MCR69-6	MCR70-6	MCR71-6
ELECTRICAL CHARACTERISTICS Maximum or Min/Max	$I_T(RMS)(AMPS)$	12	12	25	35	55
	$I_{GT} (mA)$ @ 25°C Min/Max	2/30	2/30	2/30	2/30	2/30
	$V_{GT} (V)$ @ 25°C	1.5	1.5	1.5	1.5	1.5
	$I_H (mA)$ @ 25°C Min/Max	3/50	3/50	3/50	3/50	3/50
	$I_L (mA)$ @ 25°C	60	60	60	60	60

(1) The peak capacitor discharge current is for $t_w = 1.0$ ms, t_w is defined as 5 time constants of an exponentially decaying current pulse.