

SCRs (continued)

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ON-STATE (IRMS) CURRENT			Radar Modulators	
40 AMPS	55 AMPS	100 AMPS		
$T_c = 80^\circ\text{C}$	$T_c = 70^\circ\text{C}$	$T_c = 85^\circ\text{C}$		
				
Case 221A-02 TO-220AB Style 3	Case 221A-02 TO-220AB Style 1	Case 63-03 TO-64 Style 1		
MCR264-4	MCR265-4		200 V	VDRM VRRM
MCR264-6	MCR265-6	2N4200	400 V	
		MCR729-7	500 V	
MCR264-8	MCR265-8		600 V	
MCR264-10(*)	MCR265-10	2N4204 MCR729-10	800 V	
400	550	100*	ITSM (Amps) 60 Hz	MAXIMUM ELECTRICAL CHARACTERISTICS
50	50	50	IGT (mA)	
1.5	1.5	1.5	VGT (V)	
- 40 to + 125		- 65 to + 105	TJ Operating Range (°C)	

(*) Peak capacitor discharge current for $t_w = 1.0 \mu\text{s}$. t_w is defined as five time constants of an exponentially decaying current pulse (crowbar applications).

(*) 1000V version available as MCB264-12.

* Indicates pulse rating $PW = 3.0 \mu\text{s}$ duty cycle = 0.6%.