

THYRISTORS

SCRs

STANDARD SCRs IN METAL PACKAGE

Type	I <sub>T(AV)</sub> (A)	V <sub>RRM</sub> = V <sub>DRM</sub> (V)	I <sub>TSM</sub> (A)	I <sub>RRM</sub> @ V <sub>RRM</sub> I <sub>DRM</sub> @ V <sub>DRM</sub> T <sub>J</sub> max max (mA)	T <sub>J</sub> = 25°C					dv/dt @ 67% V <sub>DRM</sub> T <sub>J</sub> max min (V/μs)	di/dt max (A/μs)	Package
					V <sub>GT</sub> max (V)	I <sub>GT</sub> max (mA)	I <sub>H</sub> max (mA)	V <sub>TM</sub> @ I <sub>TM</sub> max (V)	I <sub>TM</sub> (A)			

7.4 Arms/T<sub>case</sub> = 105°C T<sub>J</sub> = 125°C I<sup>2</sup>t = 32 A<sup>2</sup>s

2N 1771 → 2N 2619	4.7	50 → 600	80	2	1.5	15	30	1.85	15	200	100	TO 64*
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25 Arms/T<sub>case</sub> = 75°C T<sub>J</sub> = 125°C I<sup>2</sup>t = 200 A<sup>2</sup>s

BTW 39-100 → 1200	16	100 → 1200	200	5	1.5	80	50#	2.2	50	200	100	TO 48**
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25 Arms/T<sub>case</sub> = 80°C T<sub>J</sub> = 125°C I<sup>2</sup>t = 200 A<sup>2</sup>s

2N 682 → 2N 692	16	50 → 800	200	3	1.5	40	50#	2	50	200	100	TO 48**
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35 Arms/T<sub>case</sub> = 75°C T<sub>J</sub> = 125°C I<sup>2</sup>t = 545 A<sup>2</sup>s

2N 5204 → 2N 5207	22.5	600 → 1200	330	3.3	1.5	40	100	2.3	70	200	100	TO 48**
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50 Arms/T<sub>case</sub> = 85°C T<sub>J</sub> = 125°C I<sup>2</sup>t = 1250 A<sup>2</sup>s

BTW 48-200 → 1200	32	200 → 1200	500	6	1.5	60	30#	1.8	100	200	100	TO 48**
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63 Arms/T<sub>case</sub> = 100°C T<sub>J</sub> = 125°C I<sup>2</sup>t = 4150 A<sup>2</sup>s

BTW 50-200 → 1200	40	200 → 1200	910	12	1.5	150	50#	3	500	200	100	TO 65***
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# Typical value

\* 10-32 UNF.

\*\* 1/4" -28 UNF.



Quality Semi-Conductors



TO 48