

THYRISTORS

SCRs

STANDARD SCRs IN METAL PACKAGE

Type	I _{T(AV)} (A)	V _{RRM} = V _{DRM} (V)	I _{TSM} (A)	I _{RRM} @ V _{RRM} I _{DRM} @ V _{DRM} T _J max max (mA)	T _J = 25°C					dv/dt @ 67% V _{DRM} T _J max min (V/μs)	di/dt max (A/μs)	Package
					V _{GT} max (V)	I _{GT} max (mA)	I _H max (mA)	V _{TM} @ I _{TM} max (V)	I _{TM} (A)			

7.4 Arms/T_{case} = 105°C T_J = 125°C I²t = 32 A²s

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_{case} = 75°C T_J = 125°C I²t = 200 A²s

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_{case} = 80°C T_J = 125°C I²t = 200 A²s

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_{case} = 75°C T_J = 125°C I²t = 545 A²s

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_{case} = 85°C T_J = 125°C I²t = 1250 A²s

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_{case} = 100°C T_J = 125°C I²t = 4150 A²s

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.

