

New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

2N4444

SCR, $V(DRM) = 600\text{ V TO } 699.9\text{ V}$

Description: SCR, $V(DRM) = 600\text{ V to } 699.9\text{ V}$

Manufacturer.....
Mil/High-Rel? (Y/N).....
 $V(drm)$ Max..... 600
 $I_t(stat)$ Max. (A)..... 8.02
@Temp. (test) (x°C)..... 100u
Supp Curr. $I(TSM)$ 80%,
Firing Char-Igt Max..... 60
Firing Char-Vgt Max..... 2.
 $I_d(off)$ Max. (A)..... 2.0m
@Temp. (test) (x°C)..... 100u
 $I(h)$ Max. (A)..... 70
 $V(T)$ Max..... 2.0
@ I_t (A)..... 15
 Dv/Dt Worst Case..... 508%
 $t(switch)$ Off Typ. Time (S)... 1.0u
@ I_t (test) (A)..... 5.0
 $t(switch)$ Off Typ. Time (S)... 15u
Oper. Temp (x°C) Min..... -40
Oper. Temp (x°C) Max..... 100u
Pkg Style..... TO-225AA
Surface Mounted (Y/N)..... N

u Junction Temperature °C @ above 125x°C B Typical 2 $I_t(rms)$
Measured at < 25x°C , For less than 1 cycle

