

New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

2N3938

SCR, V(DRM) = 300 V TO 399.9 V

Description: SCR, V(DRM) = 300 V to 399.9 V

Manufacturer.....	
Mil/High-Rel? (Y/N).....	
V(drm) Max.....	300
It(stat) Max. (A).....	7.0
@Temp. (test) (xC).....	80#
Supp Curr. I(TSM).....	100%,
Firing Char-Igt Max.....	60m
Firing Char-Vgt Max.....	3.2
Id(off) Max. (A).....	1.0m
@Temp. (test) (xC).....	125#
I(h) Max. (A).....	110m
V(T) Max.....	2.3
@It (A).....	7.0
Dv/Dt Worst Case.....	
t(switch) Off Typ. Time (S)...	3.0u
@It (test) (A).....	
t(switch) Off Typ. Time (S)...	8.0u%
Oper. Temp (xC) Min.....	-65
Oper. Temp (xC) Max.....	125u
Pkg Style.....	TO-64
Surface Mounted (Y/N).....	N

1 Junction Temperature # Case Temperature % @ above 125xC 2 It(rms)
 For less than + cycle

TO-64

