

*New Jersey Semi-Conductor Products, Inc.*

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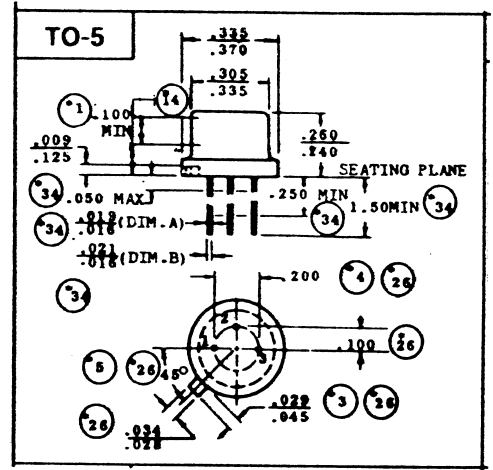
PARAMETERS

2N1871A

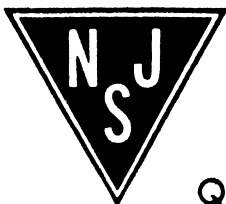
SCR,  $V(DRM) = 50 \text{ V TO } 99.9 \text{ V}$

Description: SCR,  $V(DRM) = 50 \text{ V to } 99.9 \text{ V}$

Manufacturer.....	
Mil/High-Rel? (Y/N).....	
$V(drm) \text{ Max.}$ .....	60
$I_t(stat) \text{ Max. (A)}$ .....	1.25
@Temp. (test) ( $^{\circ}C$ ).....	100#
Supp Curr. $I(TSM)$ .....	20%
Firing Char-Igt Max.....	200u
Firing Char-Vgt Max.....	800m
$I_d(off) \text{ Max. (A)}$ .....	100u
@Temp. (test) ( $^{\circ}C$ ).....	125#
$I(h) \text{ Max. (A)}$ .....	5.0m
$V(T) \text{ Max.}$ .....	2.5
@ $I_t$ (A).....	2.0
$Dv/Dt$ Worst Case.....	100
$t(\text{switch}) \text{ Off Typ. Time (s)}$ ...	
@ $I_t$ (test) (A).....	
$t(\text{switch}) \text{ Off Typ. Time (s)}$ ...	
Oper. Temp ( $^{\circ}C$ ) Min.....	-60
Oper. Temp ( $^{\circ}C$ ) Max.....	155#
Pkg Style.....	
Surface Mounted Yes/No.....	NO



# Case Temperature % @ above 125 $^{\circ}C$  e at  $V(GR) = 0$



Quality Semi-Conductors