

# New Jersey Semi-Conductor Products, Inc.

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## PARAMETERS

2N5443

TRIAC, V(DRM) = 600 V TO 699.9 V

Description: Triac, V(DRM) = 600 V to 699.9 V

Manufacturer.....  
 Mil/High-Rel? (Y/N).....  
 V(drm) Max..... 600  
 It(rms) Max. (A)..... 20  
   @Temp. (test)..... 100#  
 Supp Curr. I(TSM)..... 300%  
 Firing Char-Igt Max..... 240  
 Firing Char-Vgt Max..... 3.  
 Id(off) Max. (A)..... 4.0m  
   @Temp. (test)..... 110u  
 I(h) Max. (A)..... 100  
 V(T) Max..... 1.8  
   @It (A)..... 56  
 Dv/Dt Worst Static..... 20%  
 Dv/Dt Worst Case..... 5.0%  
 t(gt) Typ. (S)..... 1.0u  
   @It (A)..... 56  
 Oper. Temp (x°C) Min..... -60  
 Oper. Temp (x°C) Max..... 110u  
 Pkg Style..... TO-203AB  
 Surface Mounted (Y/N)..... N

u Junction Temperature # Case Temperature % @ above 125x°C 2 It(rms)  
 Measured at < 25x°C

SYMBOL	INCHES		METRIC MM	
	MIN.	MAX.	MIN.	MAX.
A	.501	.505	12.73	12.82
B	.467	.475	11.87	12.06
C	.177 REF.		4.50 REF.	
D	.260	.301	6.60	7.68
E	.083	.097	2.11	2.46
F	.340	.376	8.64	9.55
G	—	.782	—	19.86
H	.081	.089	2.06	2.26
J	.060	.069	1.53	1.75
K	—	1.064	—	27.02
L	.284	.302	7.22	7.67
M	.146	.160	3.71	4.06
N(1)	—	1.150	—	29.21
P	—	.475	—	12.06
Q	.432	.442	10.98	11.22
R(2)	1/4-28, UNF2A			
S	.086	.096	2.19	2.48
T	.582	.562	14.03	14.27
V	.240	.260	6.10	6.60
W	.148	.160	3.68	4.06

