

New Jersey Semi-Conductor Products, Inc.

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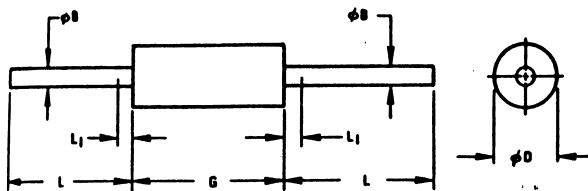
PARAMETERS

1N541
 GERMANIUM DIODE

Description: Germanium Diode

Manufacturer..... many
 Mil/High-Rel? (Y/N).....
 I(out) (If AVG) Max..... 35m
 VRRM..... 45
 1-Cycle Surge Current (A)..... 500m
 Vf Max..... 2.2
 @If (test)..... 10m
 Ir @25xC..... 18u
 @Volts (test) (V)..... 10
 Ir @ Diff. Temp (A).....
 @Temp (test) (xC).....
 Oper. Temp (xC) Max..... 85
 Pkg Style..... DO-7
 Surface Mounted (Y/N)..... N

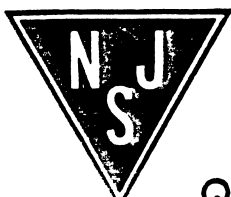
2 It(rms)



SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
ϕB	.018	.022	0.458	0.558	
ϕD	.085	.107	2.16	2.71	1
G	.230	.300	5.85	7.62	1
L	1.000		25.40		
L_1		.050		1.27	2

NOTES:

1. Package contour optional within cylinder of diameter ϕD and length G. Slugs, if any, shall be included within this cylinder but shall not be subject to the minimum limit of ϕD .
2. Lead diameter not controlled in this zone to allow for flash, lead finish build-up, and minor irregularities other than slugs.



Quality Semi-Conductors