

New Jersey Semi-Conductor Products, Inc.

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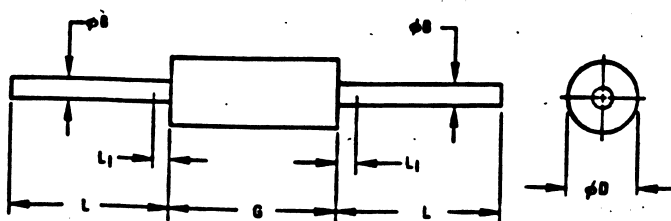
PARAMETERS

1N4502
GERMANIUM DIODE

Description: Germanium Diode

Manufacturer..... many
Mil/High-Rel? (Y/N).....
I(out) (If AVG) Max..... 3.0m
VRRM..... 20
1-Cycle Surge Current (A).....
Vf Max..... .30
 @If (test)..... 3.0m
Ir @25xC..... 10u
 @Volts (test) (V)..... 6.0
Ir @ Diff. Temp (A)..... 80u
 @Temp (test) (xC)..... 55
Oper. Temp (xC) Max..... 85~
Pkg Style..... DO-7
Surface Mounted (Y/N)..... N

~ Storage Temperature 2 It(rms)

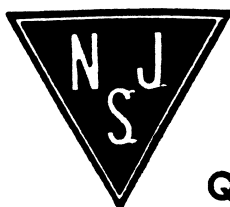


NOTES:

1. PACKAGE CONTOUR OPTIONAL WITHIN CYLINDER OF DIAMETER ØD AND LENGTH G. SLUGS, IF ANY, SHALL BE INCLUDED WITHIN THIS CYLINDER BUT SHALL NOT BE SUBJECT TO THE MINIMUM LIMIT OF ØD.
2. LEAD DIAMETER NOT CONTROLLED IN THIS ZONE TO ALLOW FOR FLASH, LEAD FINISH BUILD-UP, AND MINOR IRREGULARITIES OTHER THAN SLUGS.

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
ØB	.018	.022	0.458	0.558	-
ØD	.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



Quality Semi-Conductors