New Jersey Semi-Conductor Products, Inc.

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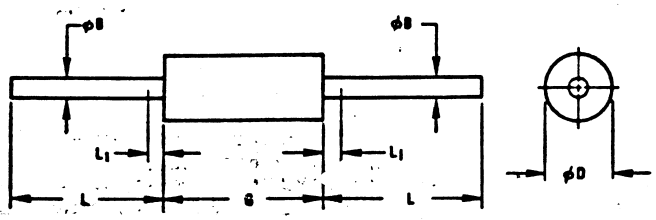
PARAMETERS

1N478
GERMANIUM DIODE

Description: Germanium Diode

Manufacturer	
Mil/High-Rel? (Y/N)	
I(out) (If AVG) Max	50m
VRRM	90
1-Cycle Surge Current (A)	
Vf Max	1.0
@If (test)	5.0m
Ir @25xC	155u
@Volts (test) (V)	75
Ir @ Diff. Temp (A)	
@Temp (test) (xC)	
Oper. Temp (xC) Max	75
Pkg Style	DO-7
Surface Mounted (Y/N)	N

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 MIN.	INCHES MAX.	MILLIMETERS MIN.	MILLIMETERS MAX.	NOTES
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