New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

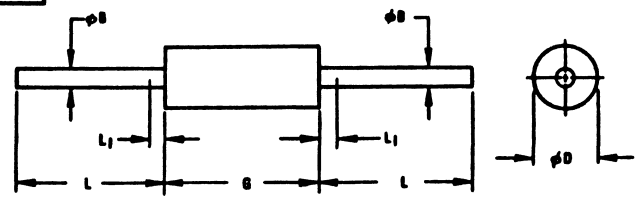
1N3110
FAST RECTIFIER, I(O)/I(F) ≤ 100MA

Description: Fast Rectifier, I(O)/I(F) ≤ 100mA

Manufacturer	
Mil/High-Rel? (Y/N)	
I(out) (If AVG) Max	50m
VRRM	
t(rr) (S)	75n
@If (test)	2.0m
@Ir (A)	200u
Vf Max	450m
@If (test)	5.0m
Ir @25°C	20u
@Volts (test) (V)	8.0
Ir @ Diff. Temp (A)	100u
@Temp (test) (°C)	65
Mat	Germanium
Oper. Temp (°C) Max	90▪
Pkg Style	DO-7
Surface Mounted (Y/N)	N

▪ Storage Temperature ▒ It(rms)

DO-7



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

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.