

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)

D0-7

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
BB	.018	.022	0.458	0.558	-
BD	.085	.107	2.16	2.71	1
G	.230	.300	5.85	7.62	1
L	1.000	-	25.40	-	-
L1	-	.050	-	1.27	2

NOTES:

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