New Jersey Semi-Conductor Products, Inc.

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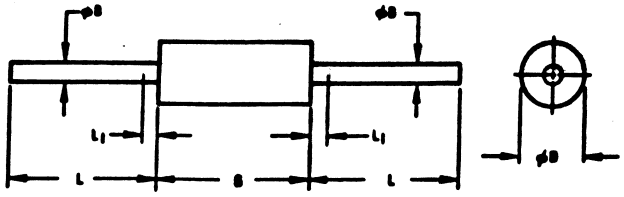
: Fast Rectifiers, I(O)/I(F) ≤ 100mA

Part Number: 1N4147
Description: Fast Rectifiers, I(O)/I(F) ≤ 100mA
Manufacturer..... many
Mil/High-Rel? (Y/N).....
I(out) (If AVG) Max..... 30m
VRRM..... 30
t(rr) (S)..... 10n
@If (test)..... 10m
@Ir (A)..... 1.0m
Vf Max..... 1.0
@If (test)..... 30m
Ir @25xC.....
@Volts (test) (V)..... 10
Ir @ Diff. Temp (A)..... 100n
@Temp (test) (xC)..... 25
Mat..... Silicon
Oper. Temp (xC) Max..... 150
Pkg Style..... DO-7

DO7



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.