

New Jersey Semi-Conductor Products, Inc.

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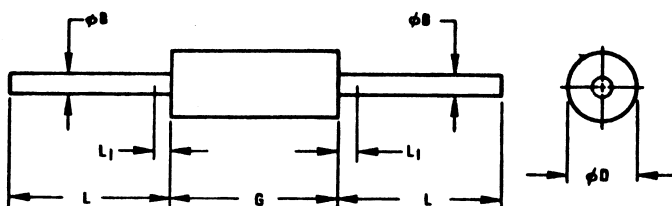
PARAMETERS

1N3898

REF/REG DIODE, $0W < P(D) \leq 250MW$

Description: Ref/Reg Diode, $0W < P(D) \leq 250mW$

Manufacturer..... many
 Mil/High-Rel? (Y/N).....
 Nom. Ref. Volt..... 2.0
 Test Current..... 20m
 Tol. (%)..... 5
 PD Max. (W)..... 250m
 Dyn. Zmax (Ω)..... 10
 Temp Coef pp/10k..... 23
 Oper. Temp ($^{\circ}C$) Max..... 150
 Pkg Style..... DO-7
 Surface Mounted (Y/N)..... N



MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
ϕB	.018	.022	0.458	0.558	-
ϕD	.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 ϕD AND LENGTH G. SLUGS, IF ANY, SHALL BE INCLUDED WITHIN THIS CYLINDER BUT SHALL NOT BE SUBJECT TO THE MINIMUM LIMIT OF ϕD .
2. LEAD DIAMETER NOT CONTROLLED IN THIS ZONE TO ALLOW FOR FLASH, LEAD FINISH BUILD-UP, AND MINOR IRREGULARITIES OTHER THAN SLUGS.



Quality Semi-Conductors