

New Jersey Semi-Conductor Products, Inc.

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PARAMETERS

1N4838
 REF/REG DIODE, 1W < P(D) ≤ 5W

Description: Ref/Reg Diode, 1W < P(D) ≤ 5W
 Manufacturer..... many
 Mil/High-Rel? (Y/N).....
 Nom. Ref. Volt..... 18
 Test Current..... 14m
 Tol. (%)..... 20
 PD Max. (W)..... 1.2
 Dyn. Zmax (j)..... 20
 Temp Coef pp/10k..... 8.5
 Oper. Temp (°C) Max..... 175
 Pkg Style..... D0-29
 Surface Mounted Yes/No..... NO

D0-29

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.

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS.

SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
AB	.029	.033	0.737	0.838	-
BD	.120	.150	3.05	3.81	1
C	.315	.360	8.01	9.14	1
L	1.000	-	25.40	-	-
L ₁	-	.050	-	1.27	2



Quality Semi-Conductors