

New Jersey Semi-Conductor Products, Inc.

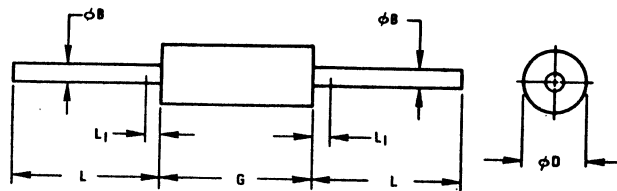
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1N4831 – 1N4845

ZENER DIODES 1.2 WATTS POWER DISSIPATION DOUBLE ANODE CLIPPER

TYPE NUMBER	NOMINAL ZENER VOLTAGE (V _Z) VOLTS	I _{ZT} m.A.	Z _{2T} (MAX.) OHMS	I _Z (MAX.) m.A.
1N4831	9.1	28	8.0	110
1N4832	10.0	25	9.0	100
1N4833	11.0	23	10.0	91
1N4834	12.0	21	12	83
1N4835	13.0	19	15	76
1N4836	15.0	17	17	69
1N4837	16.0	16	19	61
1N4838	18.0	14	20	57
1N4839	20.0	12.5	22	50
1N4840	22.0	11.3	23	45
1N4841	24.0	10.5	25	41
1N4842	27.0	9.3	35	37
1N4843	30.0	8.3	40	33
1N4844	33.0	7.5	45	30
1N4845	36.0	7.0	50	28



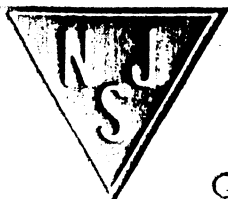
NOTES:

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.

DO29

SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
ϕB	.029	.033	0.737	0.838	-
ϕD	.120	.150	3.05	3.81	1
G	.315	.360	8.01	9.14	1
L	1.000	-	25.40	-	-
L_1	-	.050	-	1.27	2

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS.



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Quality Semi-Conductors