

# New Jersey Semi-Conductor Products, Inc.

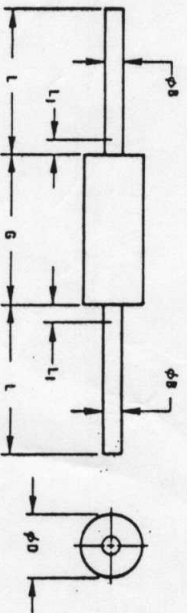
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JEDEC Types	• Very High Q • Low Voltage • Low Leakage			• Very High Q • Intermediate Voltage • Low Leakage			• High Q • Low Voltage • General Purpose			• Low Voltage • Low Leakage			• High Voltage • Low Leakage		
	CAP Ratio 2-30 V Min.	Q @ 4.0 V 50 MHz Min.	Device Type	CAP Ratio 2-40 V Min.	Q @ 4.0 V 50 MHz Min.	Device Type	CAP Ratio 2-30 V Min.	Q @ 4.0 V 50 MHz Min.	Device Type	CAP Ratio 0.1-4 V Min.	Max. Working Voltage (MWV)	Device Type	CAP Ratio 0.1-4 V Min.	Max. Working Voltage (MWV)	Device Type
3.9	2.5	600	1N5458A												
4.7	2.6	600	1N5459A				450	1N5440A							
5.6	2.6	600	1N5460A												
6.8	2.7	600	1N5461A	3.1	600	1N5681A	450	1N5441A	2.4	25	1N4786A	2.4	100	1N4801A	
8.2	2.8	600	1N5462A	3.1	600	1N5682A	450	1N5442A	2.4	25	1N4787A	2.4	100	1N4802A	
10	2.8	550	1N5463A	3.2	550	1N5683A	400	1N5443A	2.4	25	1N4788A	2.4	100	1N4803A	
12	2.8	550	1N5464A	3.2	550	1N5684A	400	1N5444A	2.4	25	1N4789A	2.4	100	1N4804A	
15	2.8	550	1N5465A	3.2	550	1N5685A	400	1N5445A	2.4	25	1N4790A	2.4	100	1N4805A	
18	2.9	500	1N5466A	3.2	500	1N5686A	350	1N5446A	2.4	20	1N4791A	2.4	90	1N4806A	
20	2.9	500	1N5467A				350	1N5447A							
22	2.9	500	1N5468A	3.3	500	1N5687A	350	1N5448A	2.4	20	1N4792A	2.4	90	1N4807A	
27	2.9	500	1N5469A	3.3	500	1N5688A	350	1N5449A	2.4	20	1N4793A	2.4	65	1N4808A	
33	2.9	500	1N5470A	3.3	500	1N5689A	300	1N5450A	2.4	20	1N4794A	2.4	65	1N4809A	
39	2.9	450	1N5471A	3.3	450	1N5690A	300	1N5451A	2.3	20	1N4795A	2.3	55	1N4810A	
47	2.9	400	1N5472A	3.3	400	1N5691A	250	1N5452A	2.3	20	1N4796A	2.3	50	1N4811A	
56	2.9	300	1N5473A	3.3	300	1N5692A	200	1N5453A	2.3	15	1N4797A	2.3	40	1N4812A	
68	2.9	250	1N5474A	3.3	250	1N5693A	175	1N5454A	2.3	15	1N4798A	2.3	30	1N4813A	
82	2.9	225	1N5475A	3.3	225	1N5694A	175	1N5455A	2.3	15	1N4799A	2.3	20	1N4814A	
100	2.9	200	1N5476A	3.3	200	1N5695A	175	1N5456A	2.2	15	1N4800A	2.2	20	1N4815A	

No suffix = 20%, A = 10%, B = 5%, C = 2%, and D = 1%

D0-7



MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
BD	.018	.027	0.458	0.558	-
B	.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:
- 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.
  - LEAD DIAMETER NOT CONTROLLED IN THIS ZONE TO ALLOW FOR FLASH, LEAD FINISH BUILD-UP, AND MINOR IRREGULARITIES OTHER THAN SLUGS.