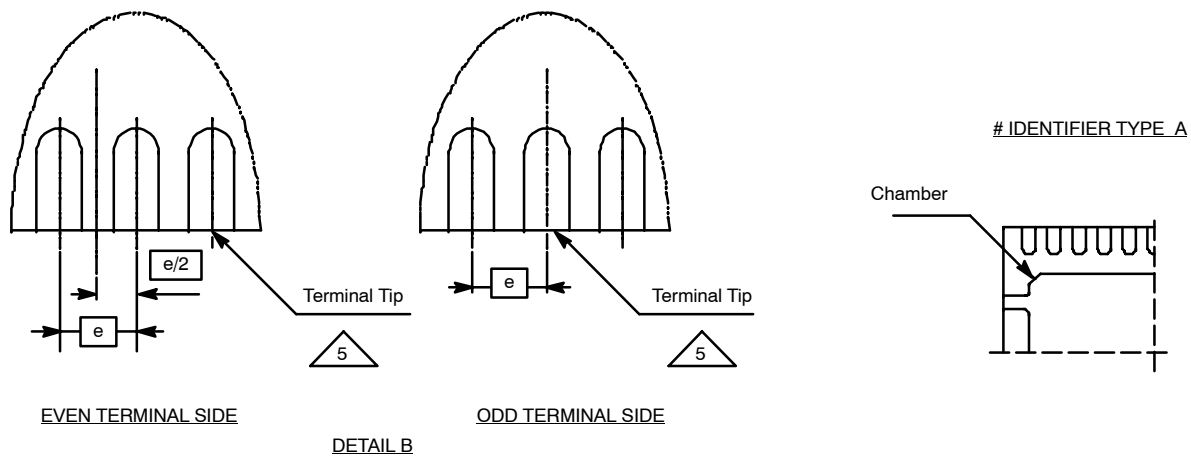
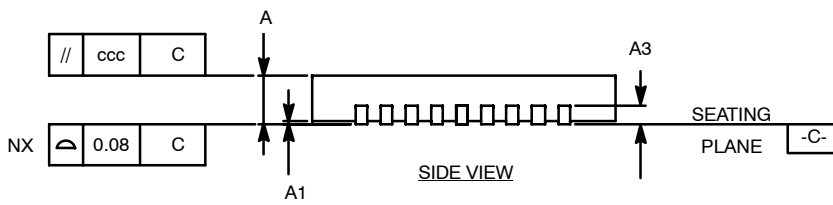
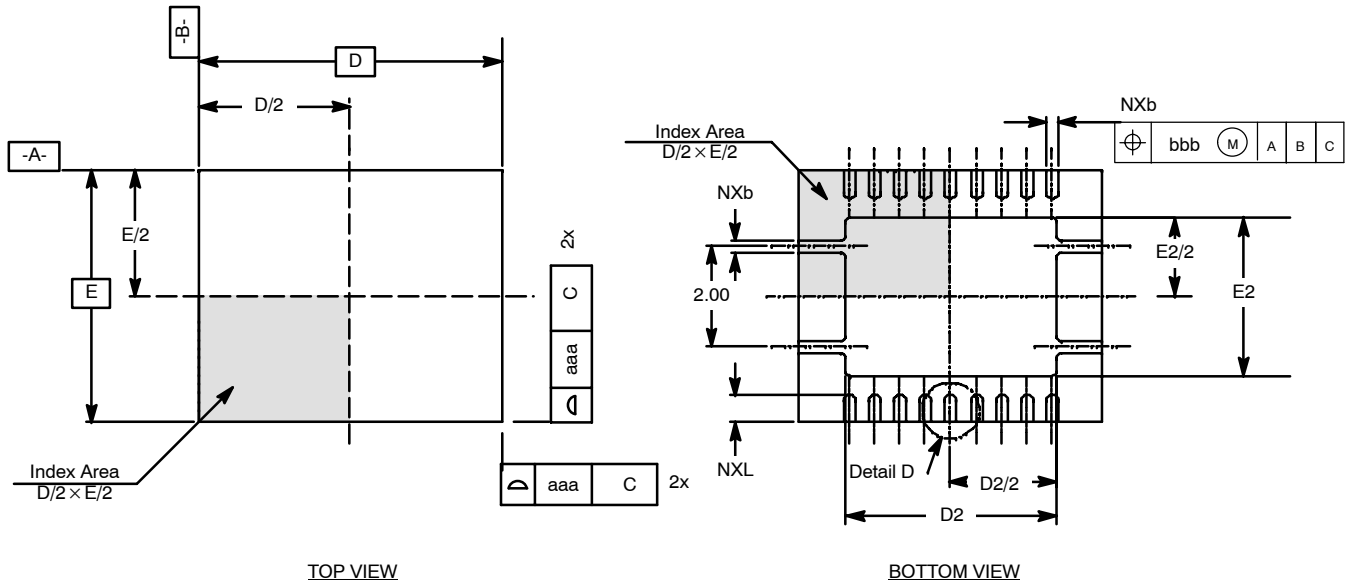




PowerPAK® MLP65-18/20 (POWER IC ONLY)





PowerPAK MLP65-18/20 (POWER IC ONLY)

N = 18/20 PITCH: 0.5 mm, BODY SIZE: 6.00 x 5.00

Dim	MILLIMETERS*			INCHES			Notes
	Min	Nom	Max	Min	Nom	Max	
A	0.80	0.90	1.00	0.031	0.035	0.039	1, 2
A1	0.00	0.02	0.05	0.000	0.001	0.002	1, 2
A2	0.00	0.65	1.00	0.000	0.003	0.004	1, 2
A3	0.20 REF			0.008 REF			
aaa	-	0.15	-	-	0.006	-	
b	0.18	0.25	0.30	0.007	0.010	0.012	8
bbb	-	0.10	-	-	0.004	-	
C'	-	0.225	-	-	0.009	-	4, 10
ccc	-	0.10	-	-	0.004	-	
D	6.00 BSC			0.236 BSC			1, 2
D2	4.00	4.15	4.25	0.157	1.63	0.167	1, 2
E	5.00 BSC			0.197 BSC			1, 2
E2	3.00	3.15	3.25	0.118	0.124	0.128	1, 2
e	-	0.50	-	-	0.020	-	
L	0.45	0.55	0.65	0.018	0.022	0.026	1, 2
N	18, 20			18, 20			1, 2
ND(18)	9			9			1, 2
NE(18)	0			0			1, 2
ND(20)	10			10			1, 2
NE(20)	0			0			1, 2

* Use millimeters as the primary measurement.

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DWG: 5939

NOTES:

1. Dimensioning and tolerancing conform to ASME Y14.5M-1994.
2. All dimensions are in millimeters. All angles are in degrees.
3. N is the total number of terminals.
4. The terminal #1 identifier and terminal numbering convention shall conform to JEDEC publication 95 SSP-022. Details of terminal #1 identifier are optional, but must be located within the zone indicated. A dot can be marked on the top side by pin 1 to indicate orientation.
5. ND and NE refer to the number of terminals on the D and E side respectively.
6. Depopulation is possible in a symmetrical fashion.
7. NJR refers to NON JEDEC REGISTERED.
8. Dimension "b" applies to metalized terminal and is measured between 0.15 mm and 0.30 mm from the terminal tip. If the terminal has optional radius on the other end of the terminal, the dimension "b" should not be measured in that radius area.
9. Coplanarity applies to the exposed heat slug as well as the terminal.
10. The 45° chamfer dimension C' is located by pin 1 on the bottom side of the package.