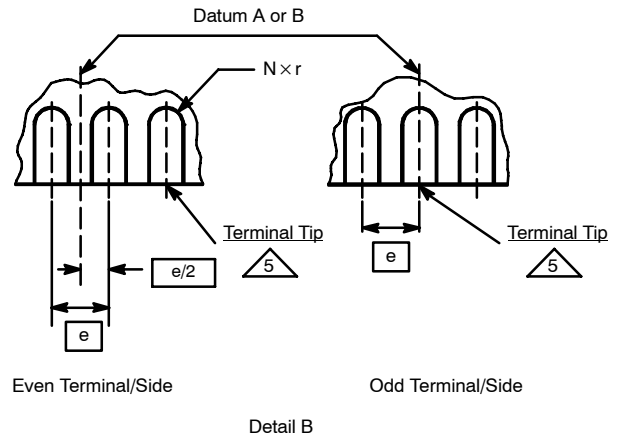
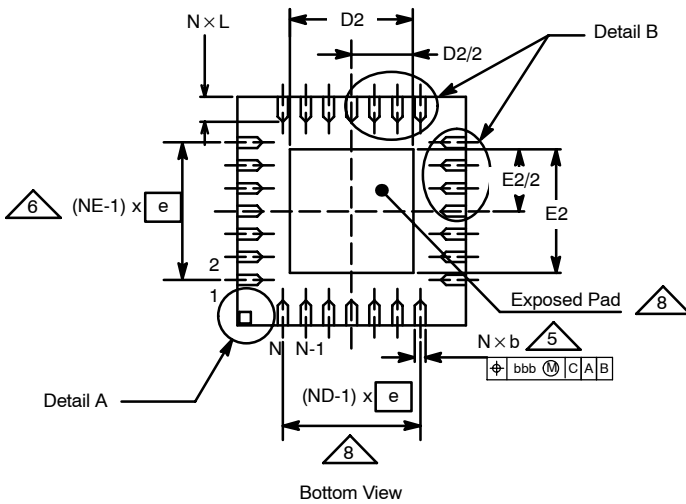
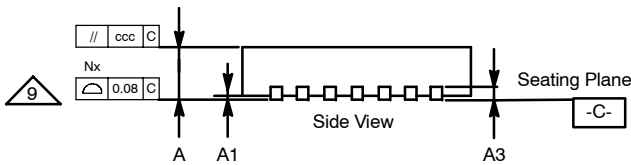
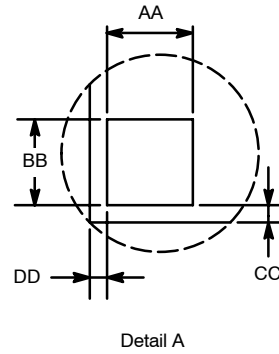
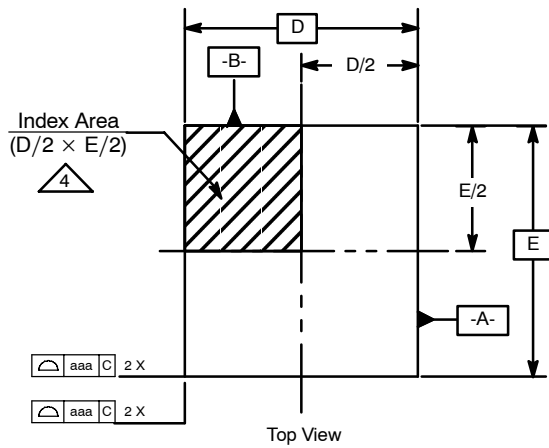




PowerPAK® MLP44-16 (POWER IC ONLY)
JEDEC Part Number: MO-220



Package Information

Vishay Siliconix



PowerPAK® MLP44-16 (Power IC Only)

JEDEC Part Number: MO-220


Dim	MILLIMETERS*			INCHES			Notes
	Min	Nom	Max	Min	Nom	Max	
A	0.80	0.90	1.00	0.0315	0.0354	0.0394	
A1	0	0.02	0.05	0	0.0008	0.0020	
A3	–	0.20 Ref	–	–	0.0079	–	
AA	–	0.345	–	–	0.0136	–	
aaa	–	0.15	–	–	0.0059	–	
BB	–	0.345	–	–	0.0136	–	
b	0.25	0.30	0.35	0.0098	0.0118	0.138	5
bbb	–	0.10	–	–	0.0039	–	
CC	–	0.18	–	–	0.0071	–	
ccc	–	0.10	–	–	0.0039	–	
D	4.00 BSC			0.1575 BSC			
D2	2.55	2.7	2.8	0.1004	0.1063	0.1102	
DD	–	0.18	–	–	0.0071	–	
E	4.00 BSC			0.1575 BSC			
E2	2.55	2.7	2.8	0.1004	0.1063	0.1102	
e	0.65 BSC			0.0256 BSC			
L	0.3	0.4	0.5	0.0118	0.0157	0.0197	
N	16			16			3, 7
ND	–	4	–	–	4	–	6
NE	–	4	–	–	4	–	6
r	b(min)/2	–	–	b(min)/2	–	–	

* Use millimeters as the primary measurement.


ECN: S-50794—Rev. B, 16-May-05
DWG: 5905

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.


 The terminal #1 identifier and terminal numbering convention shall conform to JESD 95-1 SPP-012. Details of terminal #1 identifier are optional, but must be located within the zone indicated. The terminal #1 identifier may be either a molded or marked feature. The X and Y dimension will vary according to lead counts.

 Dimension b applies to metallized terminal and is measured between 0.25 mm and 0.30 mm from the terminal tip.

 ND and NE refer to the number of terminals on the D and E side respectively.

7. Depopulation is possible in a symmetrical fashion.

 Variation HHD is shown for illustration only.

 Coplanarity applies to the exposed heat sink slug as well as the terminals.