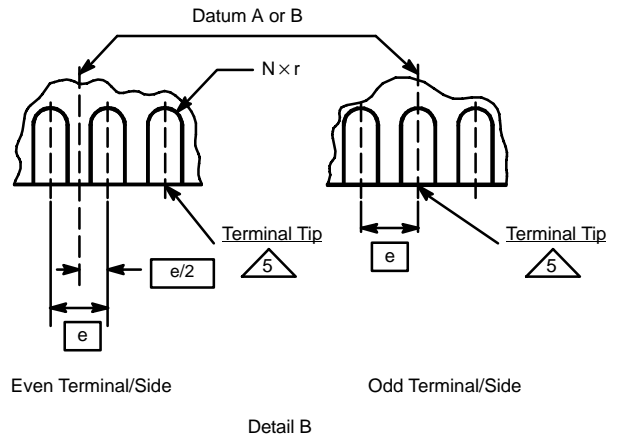
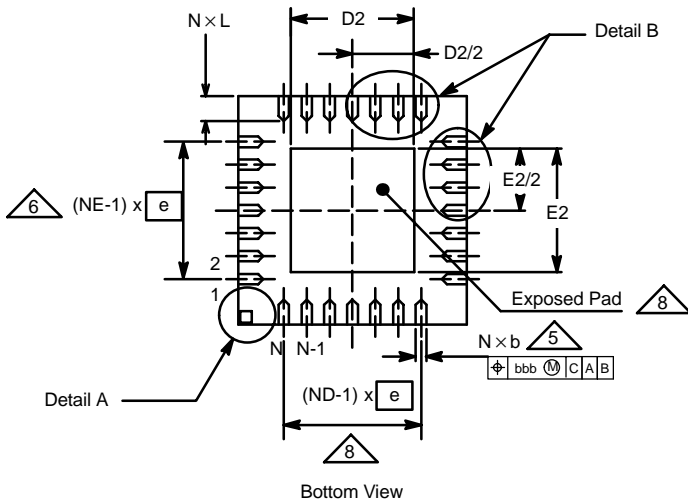
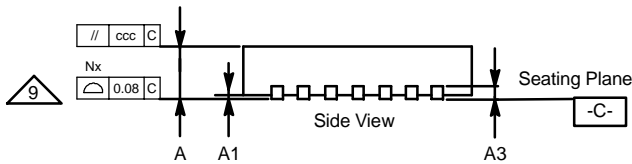
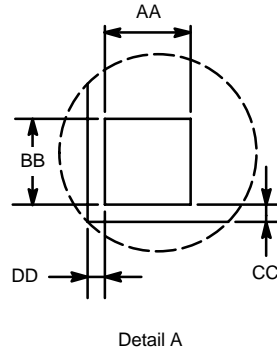
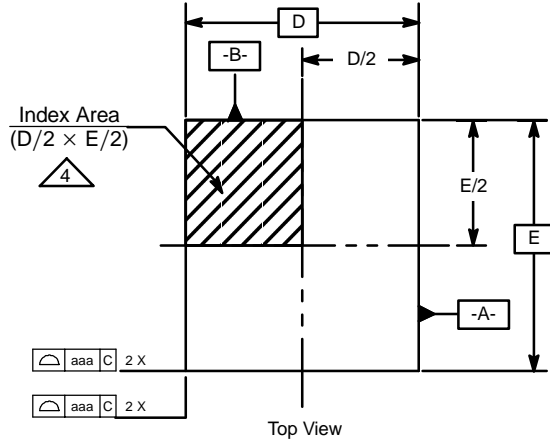




**QFN-16 (4 × 4 mm)**

JEDEC Part Number: MO-220



## Vishay Siliconix

### QFN-16 (4 × 4 mm)






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	-	0.25	-	-	0.0098	-	
BB	-	0.345	-	-	0.0136	-	
b	0.23	0.30	0.38	0.0091	0.0118	0.0150	5
bbb	-	0.10	-	-	0.0039	-	
CC	-	0.18	-	-	0.0071	-	
ccc	-	0.10	-	-	0.0039	-	
D	4.00 BSC			0.1575 BSC			
D2	2.00	2.15	2.25	0.0787	0.0846	0.0886	
DD	-	0.18	-	-	0.0071	-	
E	4.00 BSC			0.1575 BSC			
E2	2.00	2.15	2.25	0.0787	0.0846	0.0886	
e	0.65 BSC			0.0256 BSC			
L	0.45	0.55	0.65	0.0177	0.0217	0.0256	
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.

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#### 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 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.
5.  Dimension b applies to metallized terminal and is measured between 0.25 mm and 0.30 mm from the terminal tip.
6.  ND and NE refer to the number of terminals on the D and E side respectively.
7. Depopulation is possible in a symmetrical fashion.
8.  Variation HHD is shown for illustration only.
9.  Coplanarity applies to the exposed heat sink slug as well as the terminals.