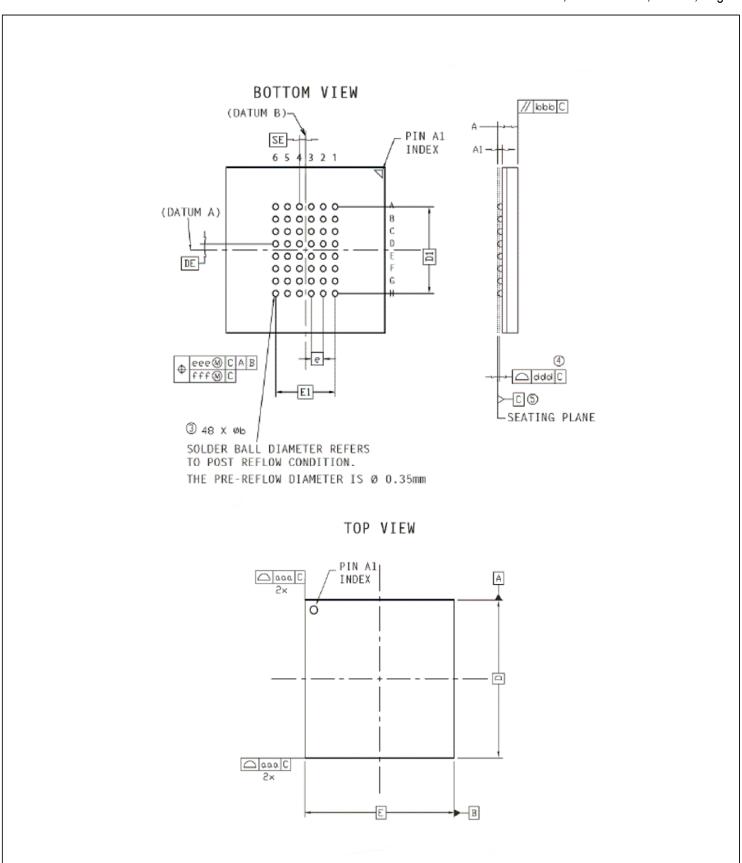


48-FBGA, Package Outline Drawing

10.0 x 10.0 x 1.27 mm Body,0.75mm Pitch BCG48D1, PSC-4867-01, Rev 02, Page 1





48-FBGA, Package Outline Drawing

10.0 x 10.0 x 1.27 mm Body,0.75mm Pitch BCG48D1, PSC-4867-01, Rev 02, Page 2

Ref	Min	Nominal	Max	
Α	1.19	9 1.27		
A1	0.22	0.27	0.32	
b	0.31	0.36	0.41	
D	10.00 BSC			
E	10.00 BSC			
D1	5.25 BSC			
E1	3.75 BSC			
DE	0.375 BSC			
SE	0.375 BSC			
е	0.75 BSC			

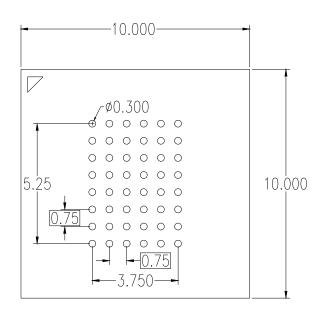
Ref	Tolerance of, from and position
aaa	0.10
bbb	0.10
ddd	0.10
eee	0.15
fff	0.08

- 1. Dimensions in Millimeters.
- 2. The 'e' represents the basic solder ball grid pitch.
- (3) 'b' is measurable at the maximum solder ball diameter in a plane parallel to datum C.
- ① Dimension'ddd' is measured parallel to primary datum
- Primary datum C (seating plane) is defined by the crowns of the solder balls.
- 6. Package dimensions refer to JEDEC MO-205 Rev. G.

48-FBGA, Package Outline Drawing



10.0 x 10.0 x 1.27 mm Body,0.75mm Pitch BCG48D1, PSC-4867-01, Rev 02, Page 3



RECOMMENDED LAND PATTERN DIMENSION

NOTES:

- 1. ALL DIMENSIONS ARE IN MM. ANGLES IN DEGREES.
- 2. TOP DOWN VIEW AS VIEWED ON PCB.
- 3. LAND PATTERN RECOMMENDATION PER IPC-7351B GENERIC REQUIREMENT FOR SURFACE MOUNT DESIGN AND LAND PATTERN
- 4. SMD PATTERN ASSUMED

Package Revision History				
Date Created	Rev No.	Description		
July 12 ,2022	02	Update Land Pattern Dimension		
July 20, 2020	01	Add Recommended Land Pattern		