

ZONE	REV	REASON DESCRIPTION	DATE	DRAWN	APP'VD	DATE
	01	INITIAL RELEASE PER DCN	2/10/03	DF	DF	2/14/03
	02	CHANGE PER DCN 14531	3/5/03	DF	DF	3/5/03
	03	CHANGE PER DCN	3/28/03	DF		

COVER SHEET

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TITLE:

**PACKAGE OUTLINE  
48 BALL - 6 X 8 ARRAY  
(0.8mm PITCH) – FS48**

**TOLERANCES**


 .X    .XX    .XXX  
 1°    0.1mm 0.05mm

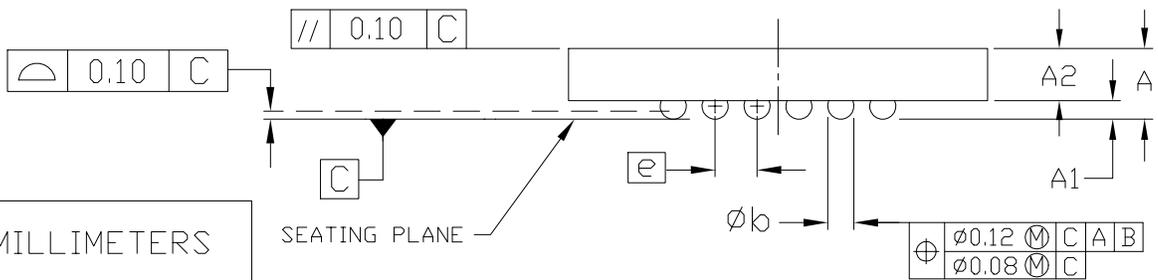
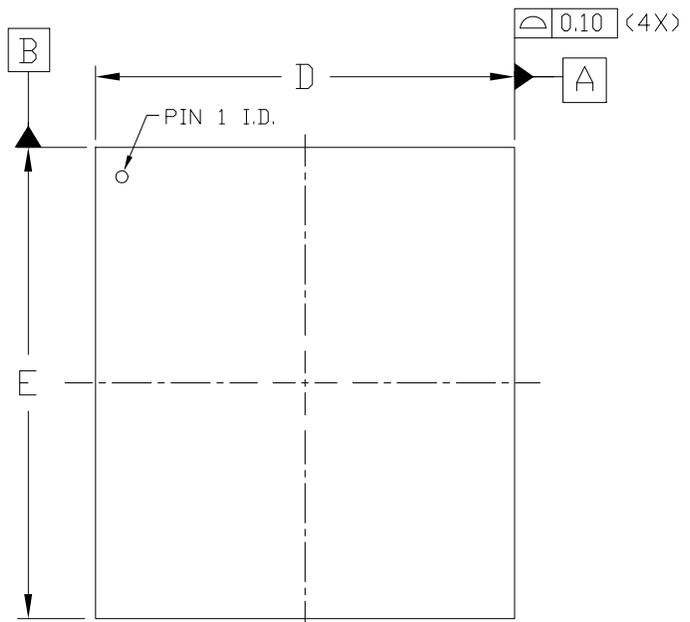
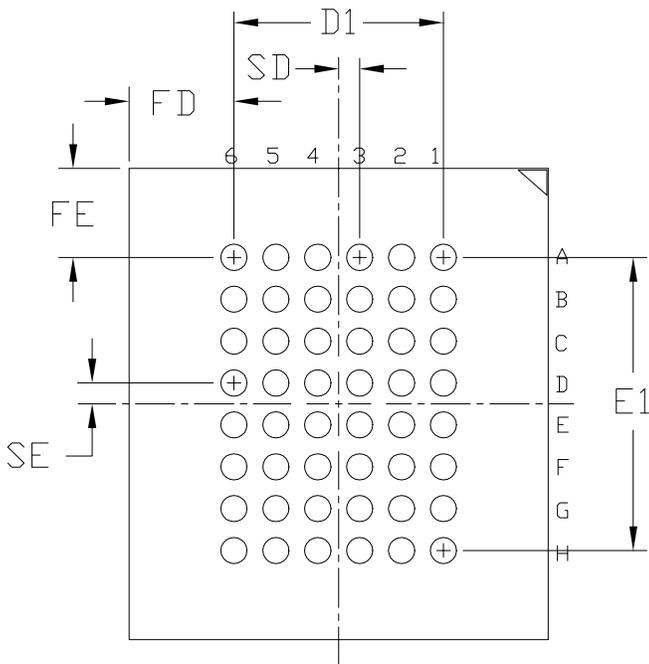
Unless otherwise specified, dimensions are in millimeters.

SIZE	DRAWING NUMBER	REV.
<b>A</b>	<b>OBG0050</b>	<b>03</b>
SCALE NONE	SHEET 1 OF 2	

# FS48

BOTTOM VIEW

TOP VIEW



SYMBOL	MILLIMETERS		
	MIN.	NOM.	MAX.
A	$\approx$	$\approx$	1.20
A1	0.26	0.30	0.34
A2	0.75	$\approx$	0.86
D	7.90	8.00	8.10
D1	$\approx$	4.00	$\approx$
e	0.80 BSC		
E	8.90	9.00	9.10
E1	$\approx$	5.60	$\approx$
FD	2.00 REF.		
FE	1.70 REF.		
SD	$\approx$	0.40	$\approx$
SE	$\approx$	0.40	$\approx$
$\phi b$	0.30	0.40	0.55
M	6 X 8		

NOTES:

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1994
2. SYMBOL "M" IS THE PIN MATRIX SIZE.

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SIZE

A

DRAWING NUMBER

OBG0050

REV

03

SCALE NONE

SHEET 2 OF 2