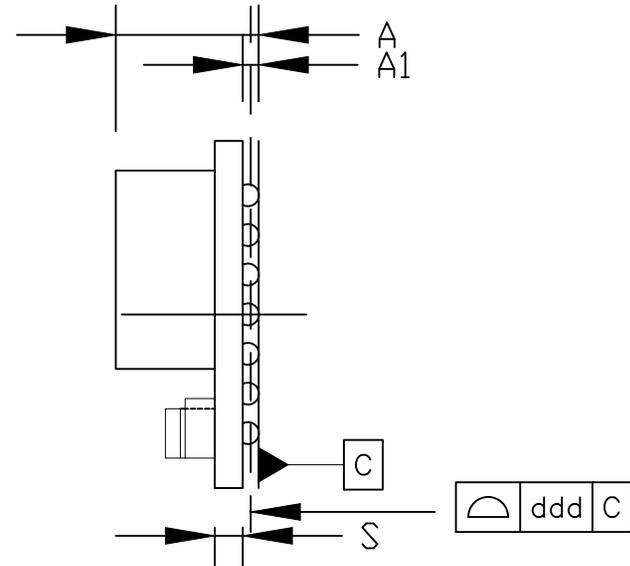
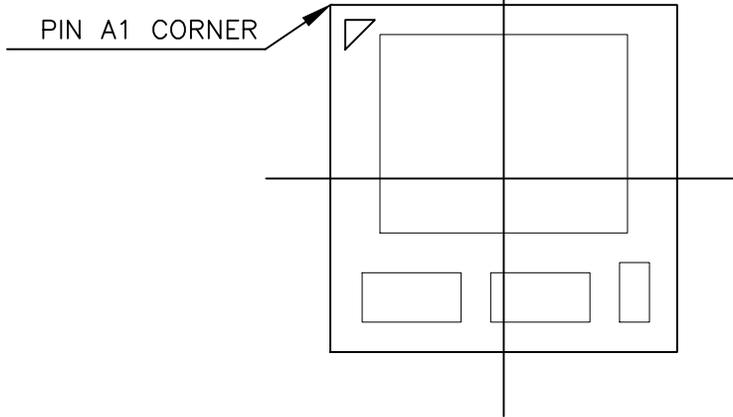
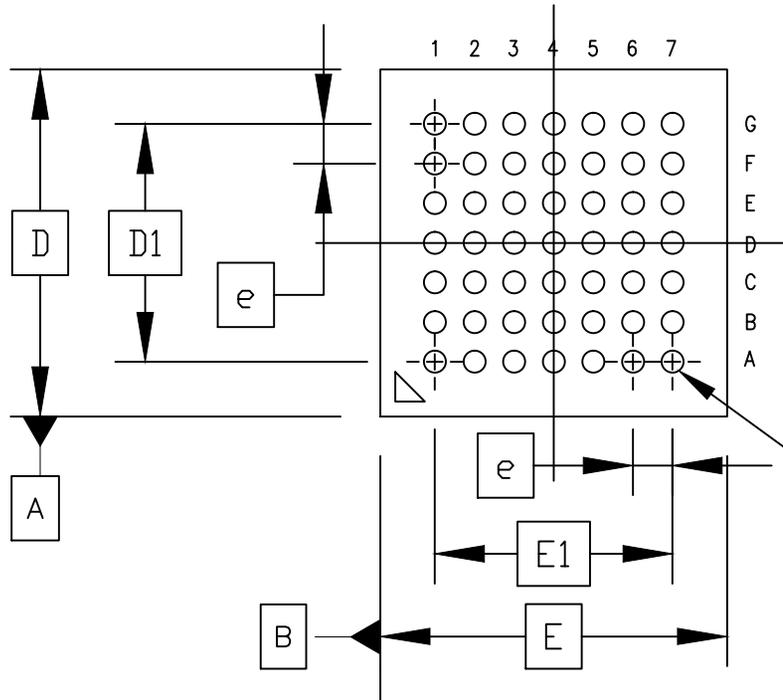


TOP VIEW



SIDE VIEW



BOTTOM VIEW

$\phi b(n \times)$

ϕ	$\phi eee(M)$	C	A	B
ϕ	$\phi fff(M)$	C		



TITLE:
PACKAGE OUTLINE, 49 Ball eMGA,
3.5x3.5x1.45 mm

APPROVAL
TANYE TANG

DOCUMENT CONTROL NO.
21-100526

REV. A 1/2

-DRAWING NOT TO SCALE-

	Symbol	Common Dimensions		
		MIN.	NOM.	MAX.
Package :		PIM		
Body Size:	X	E	3.500	
	Y	D	3.500	
Ball Pitch :	e	0.400		
Total Thickness :	A	1.30	1.45	1.60
Mold Thickness :	M	- Ref.		
Substrate Thickness :	S	0.282 Ref.		
Ball Diameter :		0.220		
Stand Off :	A1	0.120	-	0.200
Ball Width :	b	0.170	-	0.270
Package Edge Tolerance :	aaa	0.100		
Mold Parallelism :	ccc	-		
Coplanarity:	ddd	0.080		
Ball Offset (Package) :	eee	0.150		
Ball Offset (Ball) :	fff	0.050		
Ball Count :	n	49		
Edge Ball Center to Center :	X	E1	2.400	
	Y	D1	2.400	

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. "N" IS THE TOTAL NUMBER OF TERMINALS.
3. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1994.
4. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC #10-0131.
5. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE ONLY.
6. PACKAGE CODE: J493A3#1

-DRAWING NOT TO SCALE-

 maxim integrated.			
TITLE: PACKAGE OUTLINE, 49 Ball eMGA, 3.5x3.5x1.45 mm			
APPROVAL	DOCUMENT CONTROL NO.	REV.	2/2
TANYE TANG	21-100526	A	