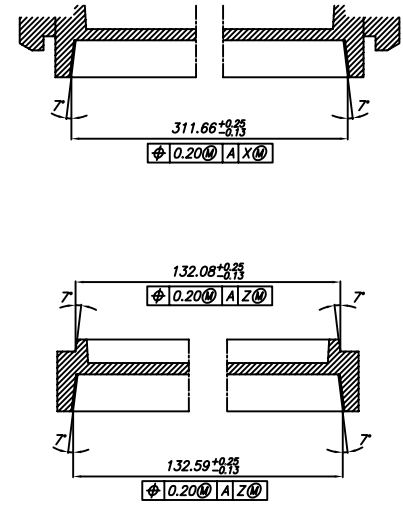
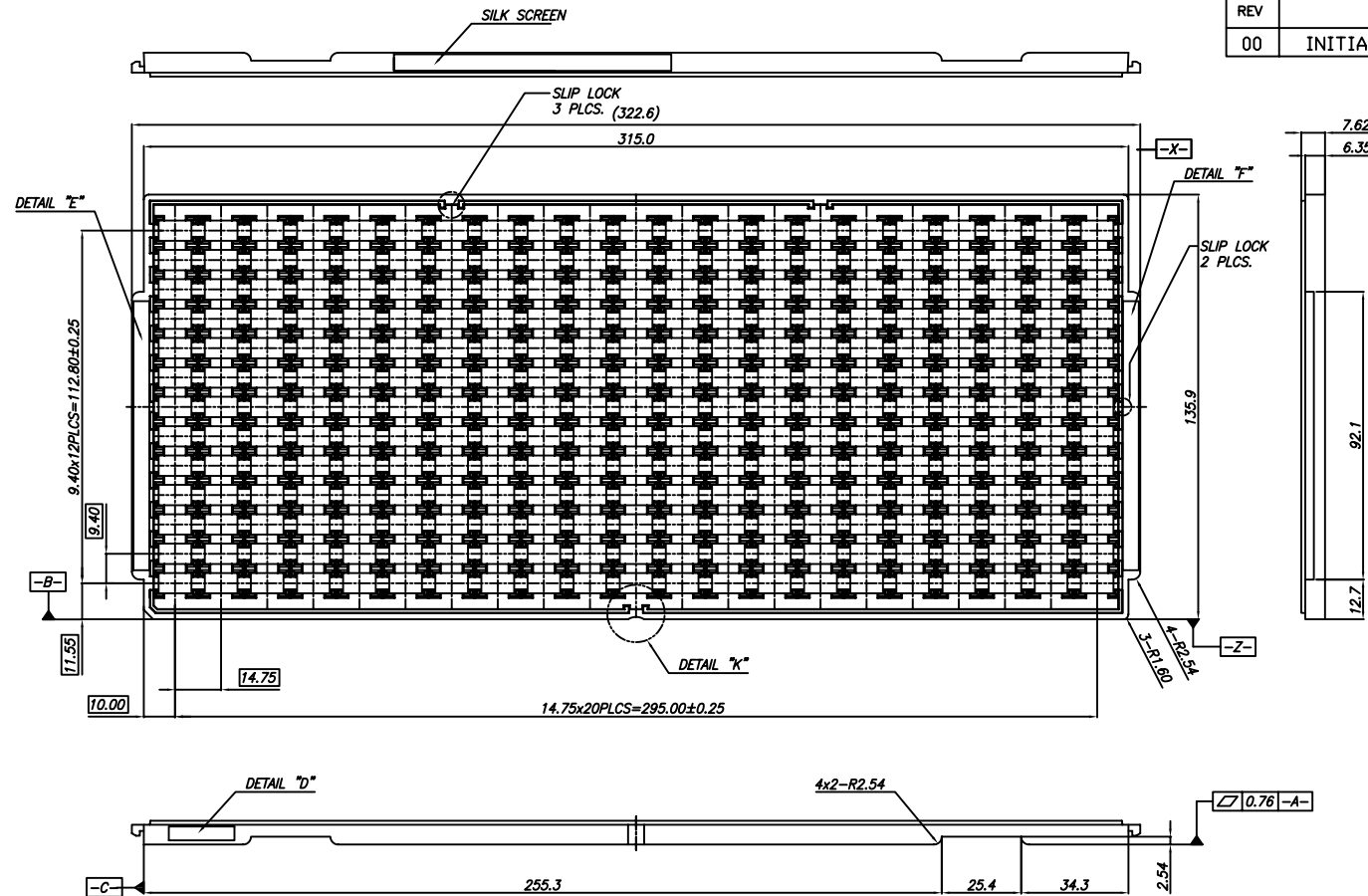
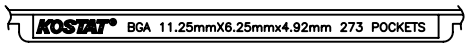


REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		MD



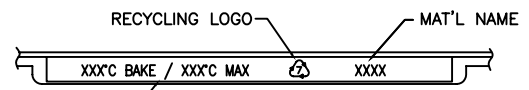
BGA 11.25x6.25x4.92mm  
 KS - 880461 REV.00



DETAIL "D"  
 (SCALE: 2/1)

DETAIL "E"  
 (SCALE: 2/1)

BGA 11.25mmX6.25mmx4.92mm 273 POCKETS



SILK SCREEN DETAIL  
 (SCALE: 2/1)

TEMPERATURE RATING BLOCK

DETAIL "F"  
 (SCALE: 2/1)

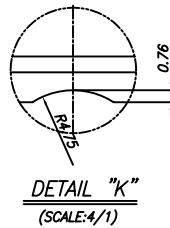
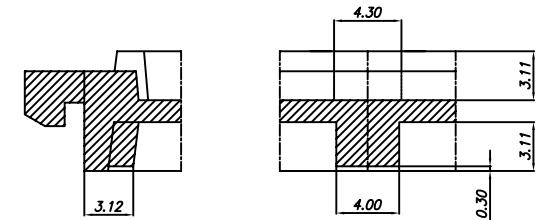
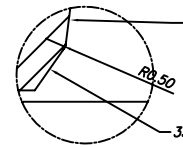
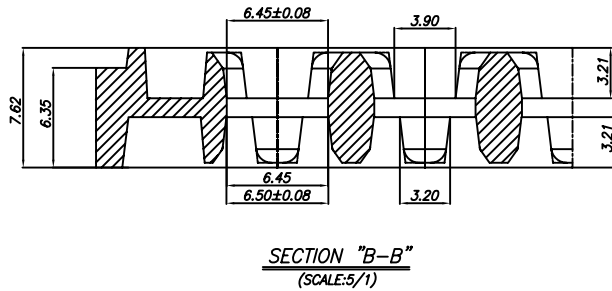
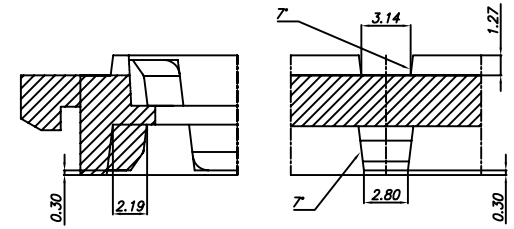
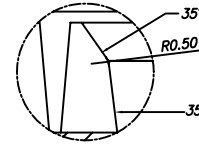
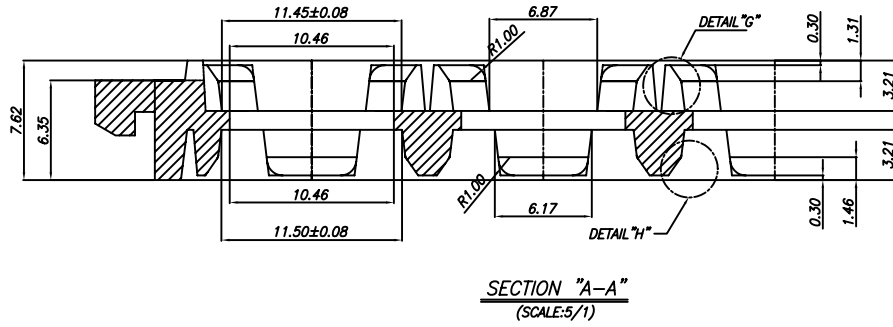
**LINEAR TECHNOLOGY**  
 1630 McCarthy Blvd.  
 Milpitas, CA. 95035  
 Phone: 408-432-1900  
 LTC Confidential

PIECE PART DRAWING  
 BGA 11.25mmX6.25mmx4.92mm  
 BLACK TRAY  
 DRAWING NO. 50-8076 REV0

APPROVALS: DRAWN: M.OTHEND / D.PRUITT, CHECKED: R.RANGANATHAN

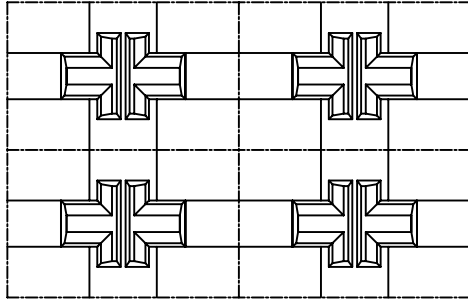
DATE: TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 FRACTIONS: N/A, DECIMALS: XXXX ± 0.03, ANGLES: ± 1, SCALE: N/A, SIZE: N/A, SHEET: 1 OF 5

REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		MD

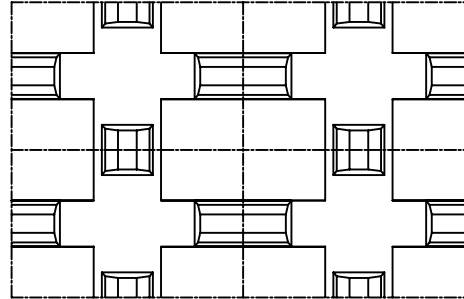


 1630 McCarthy Blvd. Milpitas, CA. 95035 Phone: 408-432-1900 LTC Confidential		<b>PIECE PART DRAWING</b> BGA 11.25mmX6.25mmx4.92mm <b>BLACK TRAY</b>	
		DRAWING NO. 50-8076 REV0	
APPROVALS DRAWN: M.OTHIEIND / D.PRUITT CHECKED: R.RANGANATHAN	DATE:	TOLERANCES UNLESS OTHERWISE SPECIFIED: FRACTIONS N/A DECIMALS XXX ± 0.03 XXXX ± 0.02 ANGLES ± 1	
SCALE N/A	SIZE N/A	SHEET 2 OF 5	

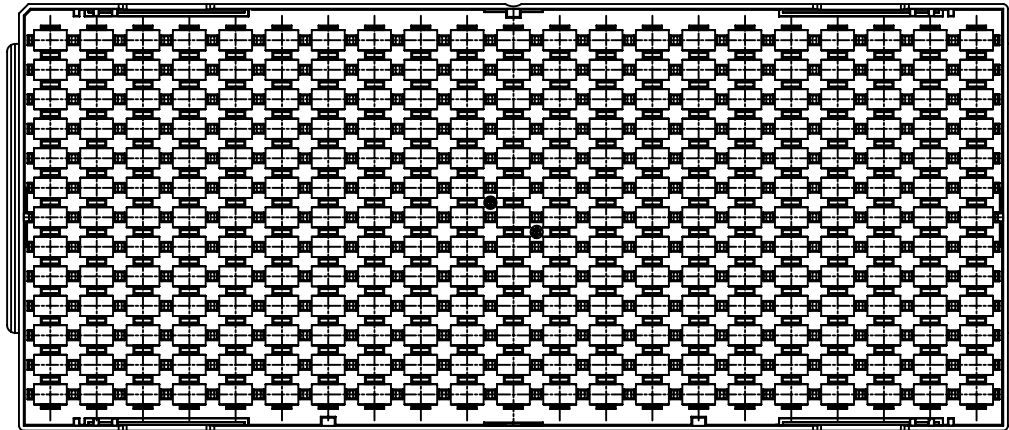
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		MD



TOP VIEW  
(SCALE:5/1)



BOTTOM VIEW  
(SCALE:5/1)



BOTTOM VIEW  
(SCALE:1/1)



DATE DETAIL  
(SCALE:2/1)

**LINEAR**  
TECHNOLOGY  
1630 McCarthy Blvd.  
Milpitas, CA. 95035  
Phone: 408-432-1900  
LTC Confidential

PIECE PART DRAWING  
BGA 11.25mmX6.25mmx4.92mm  
BLACK TRAY

DRAWING NO.  
50-8076 REV0

APPROVALS	DATE:	TOLERANCES UNLESS OTHERWISE SPECIFIED:		
DRAWN: M.OTHIEIND / D.PRUITT		FRACTIONS N/A	DECIMALS XXXX ± 0.03 XXXX ± 0.03	ANGLES ± 1
CHECKED: R.RANGANATHAN		SCALE N/A	SIZE N/A	SHEET 3 OF 5

REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		MD

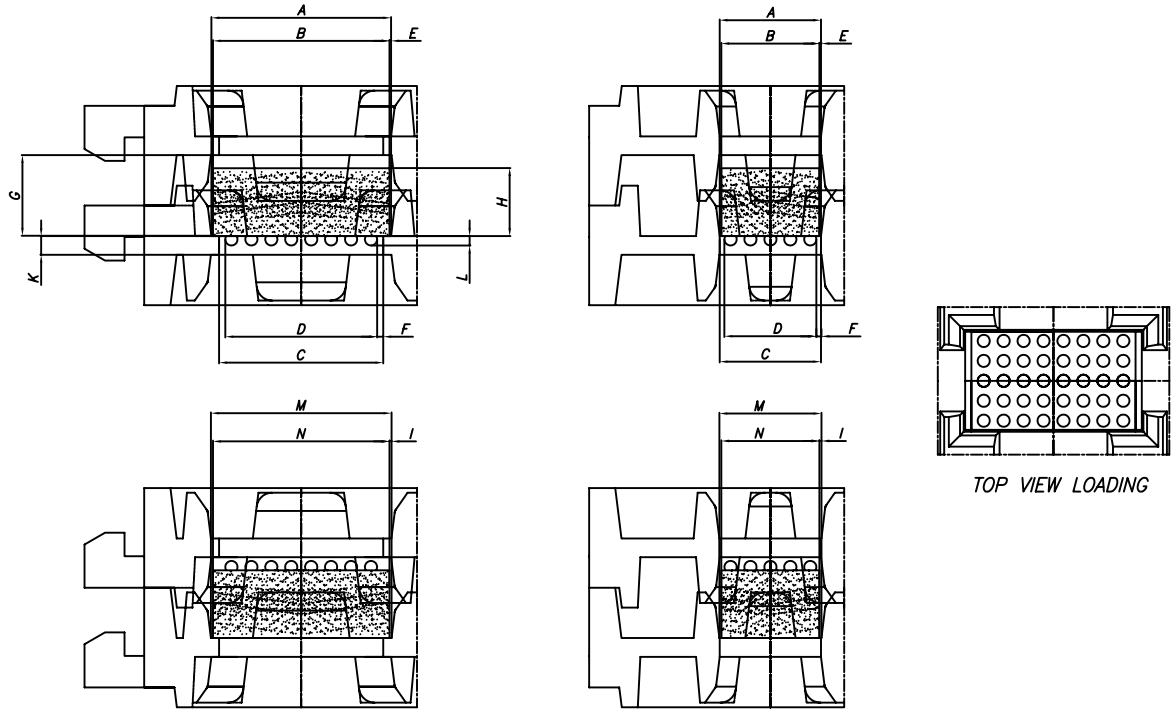
SIMULATION CRITERIA					
1.	$A > B$	PACKAGE LATERAL PLAY			
2.	$C > D$	BALL LATERAL PLAY			
3.	$E < F$	BALL TOUCH THE SHELVE			
4.	$G > H$	PACKAGE VERTICAL PLAY			
5.	$I > Zero$	PACKAGE LATERAL PLAY (FLIPPED)			
6.	$K > L$	BALL TOUCH THE FLOOR			
7.	$M > N$	PACKAGE LATERAL PLAY (FLIPPED)			

Section A-A					
No.	Condition	Nominal	Max. TRAY Min. PKG	Min. TRAY Max. PKG	Results
1	Tray A	11.450	11.530	11.370	Pass
	Pkg. B	11.250	11.150	11.350	
2	Tray C	10.460	10.590	10.330	Pass
	Pkg. D	9.670	9.620	9.720	
3	Gap. E(A-B/2)	0.100	0.190	0.010	Pass
	Gap. F(C-D/2)	0.395	0.485	0.305	
4	Tray G	5.150	5.280	5.020	Pass
	Pkg. H	4.320	4.220	4.420	
5	Gap. I (M-N/2)	0.125	0.215	0.035	Pass
	Gap. J (O-P/2)	-	-	-	
6	Tray K	1.200	1.330	1.070	Pass
	Pkg. L	0.600	0.500	0.700	
7	Tray M	11.500	11.580	11.420	Pass
	Pkg. N	11.250	11.150	11.350	

Section B-B					
No.	Condition	Nominal	Max. TRAY Min. PKG	Min. TRAY Max. PKG	Results
1	Tray A	11.450	11.530	11.370	Pass
	Pkg. B	11.250	11.150	11.350	
2	Tray C	10.460	10.590	10.330	Pass
	Pkg. D	9.670	9.620	9.720	
3	Gap. E(A-B/2)	0.100	0.190	0.010	Pass
	Gap. F(C-D/2)	0.395	0.485	0.305	
4	Tray G	5.150	5.280	5.020	Pass
	Pkg. H	4.320	4.220	4.420	
5	Gap. I (M-N/2)	0.125	0.215	0.035	Pass
	Gap. J (O-P/2)	-	-	-	
6	Tray K	1.200	1.330	1.070	Pass
	Pkg. L	0.600	0.500	0.700	
7	Tray M	11.500	11.580	11.420	Pass
	Pkg. N	11.250	11.150	11.350	



**LINEAR**  
TECHNOLOGY  
1630 McCarthy Blvd.  
Milpitas, CA. 95035  
Phone: 408-432-1900  
LTC Confidential

PIECE PART DRAWING  
BGA 11.25mmX6.25mmx4.92mm  
BLACK TRAY

DRAWING NO.  
50-8076 REV0

APPROVALS	DATE:	TOLERANCES UNLESS OTHERWISE SPECIFIED:		
DRAWN: MOTHEND / DPRUITT		FRACTIONS N/A	DECIMALS XXXX ± 0.03 XXXX ± 0.03	ANGLES ± 1
CHECKED: R.RANGANATHAN		SCALE N/A	SIZE N/A	SHEET 4 OF 5

REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		MD

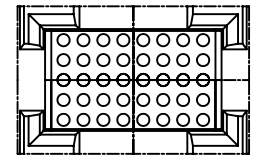
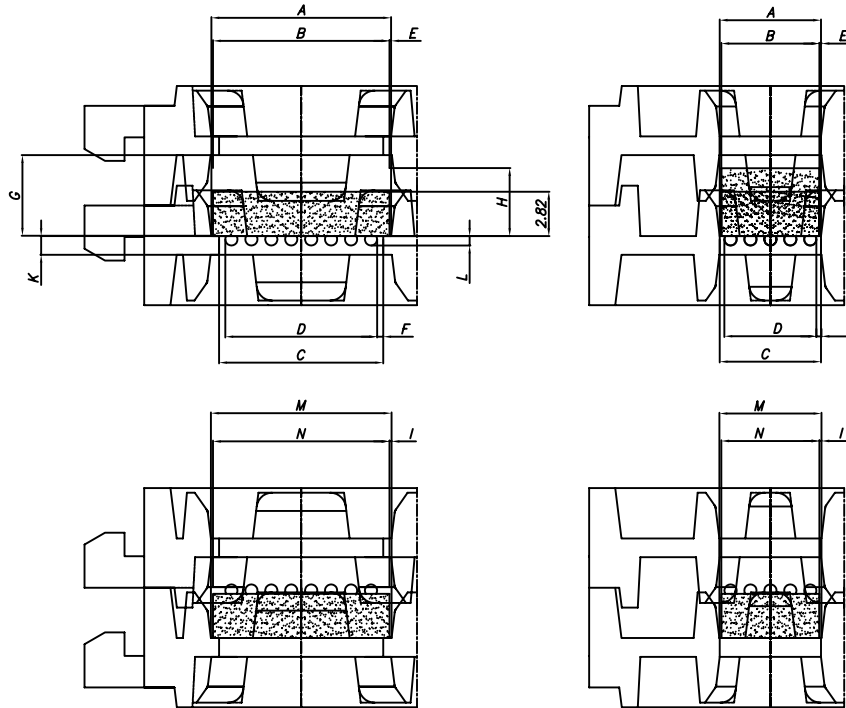
SIMULATION CRITERIA					
1.	$A > B$	PACKAGE LATERAL PLAY			
2.	$C > D$	BALL LATERAL PLAY			
3.	$E < F$	BALL TOUCH THE SHELVE			
4.	$G > H$	PACKAGE VERTICAL PLAY			
5.	$I > \text{Zero}$	PACKAGE LATERAL PLAY (FLIPPED)			
6.	$K > L$	BALL TOUCH THE FLOOR			
7.	$M > N$	PACKAGE LATERAL PLAY (FLIPPED)			

Section A-A					
No.	Condition	Nominal	Max. TRAY Min. PKG	Min. TRAY Max. PKG	Results
1	Tray A	11.450	11.530	11.370	Pass
	Pkg. B	11.250	11.150	11.350	
2	Tray C	10.460	10.590	10.330	Pass
	Pkg. D	9.670	9.620	9.720	
3	Gap. $E(A-B/2)$	0.100	0.190	0.010	Pass
	Gap. $F(C-D/2)$	0.395	0.485	0.305	
4	Tray G	5.150	5.280	5.020	Pass
	Pkg. H	2.820	2.720	2.920	
5	Gap. $I(M-N/2)$	0.125	0.215	0.035	Pass
	Gap. $J(O-P/2)$	-	-	-	
6	Tray K	1.200	1.330	1.070	Pass
	Pkg. L	0.600	0.500	0.700	
7	Tray M	11.500	11.580	11.420	Pass
	Pkg. N	11.250	11.150	11.350	

Section B-B					
No.	Condition	Nominal	Max. TRAY Min. PKG	Min. TRAY Max. PKG	Results
1	Tray A	11.450	11.530	11.370	Pass
	Pkg. B	11.250	11.150	11.350	
2	Tray C	10.460	10.590	10.330	Pass
	Pkg. D	9.670	9.620	9.720	
3	Gap. $E(A-B/2)$	0.100	0.190	0.010	Pass
	Gap. $F(C-D/2)$	0.395	0.485	0.305	
4	Tray G	5.150	5.280	5.020	Pass
	Pkg. H	4.330	4.230	4.430	
5	Gap. $I(M-N/2)$	0.125	0.215	0.035	Pass
	Gap. $J(O-P/2)$	-	-	-	
6	Tray K	1.200	1.330	1.070	Pass
	Pkg. L	0.600	0.500	0.700	
7	Tray M	11.500	11.580	11.420	Pass
	Pkg. N	11.250	11.150	11.350	



TOP VIEW LOADING

**LINEAR**  
TECHNOLOGY  
1630 McCarthy Blvd.  
Milpitas, CA. 95035  
Phone: 408-432-1900  
LTC Confidential

PIECE PART DRAWING  
BGA 11.25mmX6.25mmx4.92mm  
BLACK TRAY

DRAWING NO.

50-8076 REV0

APPROVALS DATE:

DRAWN:  
M.OTHEND / D.PRUITT

CHECKED:  
R.RANGANATHAN

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FRACTIONS  
N/A

DECIMALS  
 $\pm 0.005$   
 $\pm 0.003$

ANGLES  
 $\pm 1$

SCALE  
N/A

SIZE  
N/A

SHEET  
5 OF 5