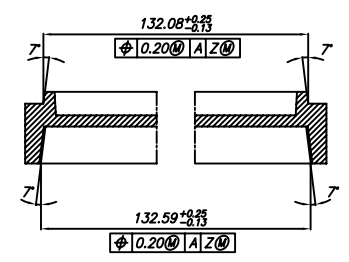
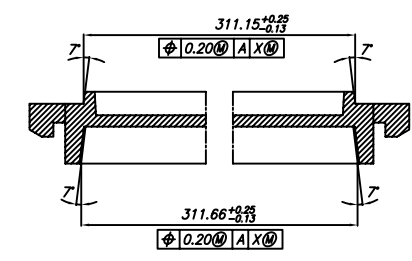
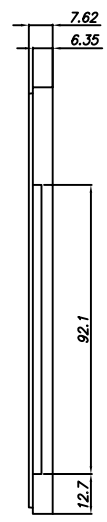
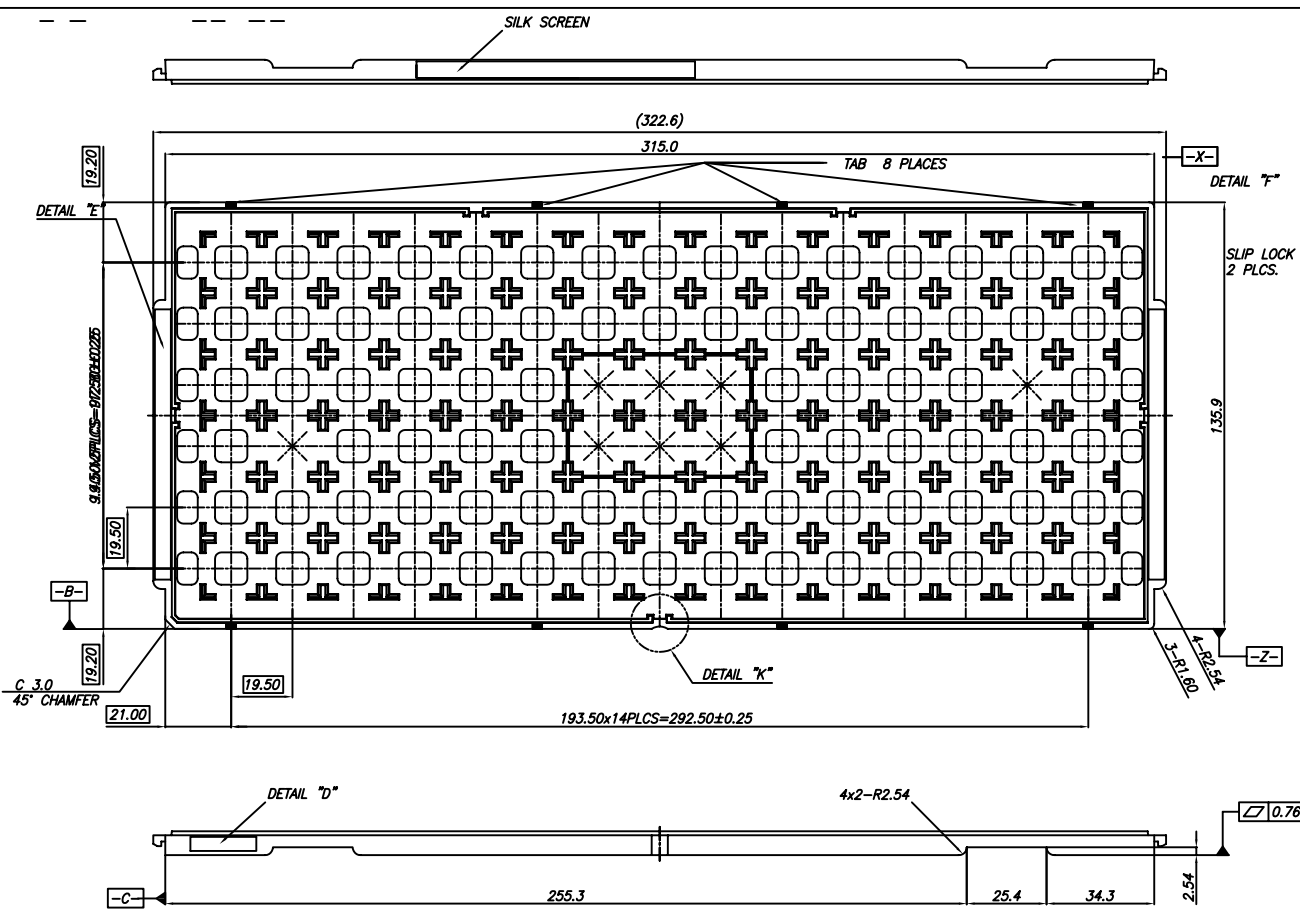
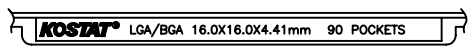


REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		MD

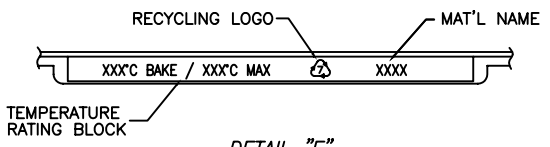


TRAY STACKING DETAIL  
(SCALE:4/1)

LGA/BGA 16.0x16.0x4.41mm  
KS - 870379 REV.00



LGA/BGA 16.0x16.0x4.41mm 90 POCKETS



DETAIL "F"  
(SCALE:2/1)



DATE DETAIL  
(SCALE:2/1)

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Milpitas, CA, 95035  
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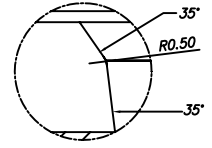
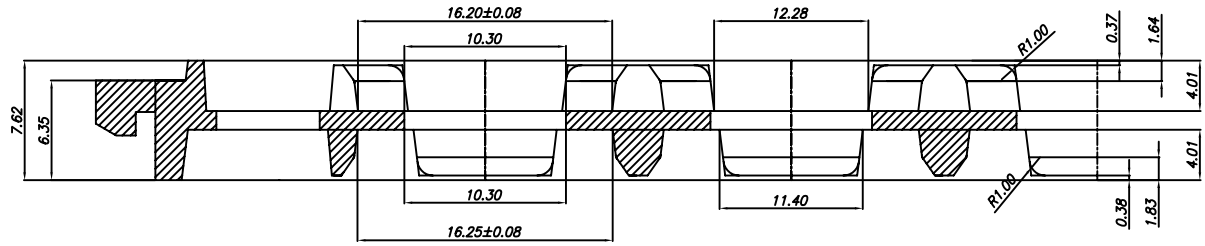
PIECE PART DRAWING  
LGA/BGA 16.0x16.0x4.41mm  
BLACK TRAY

DRAWING NO. 50-8078 REV0

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

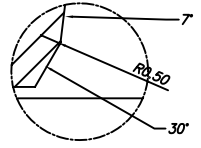
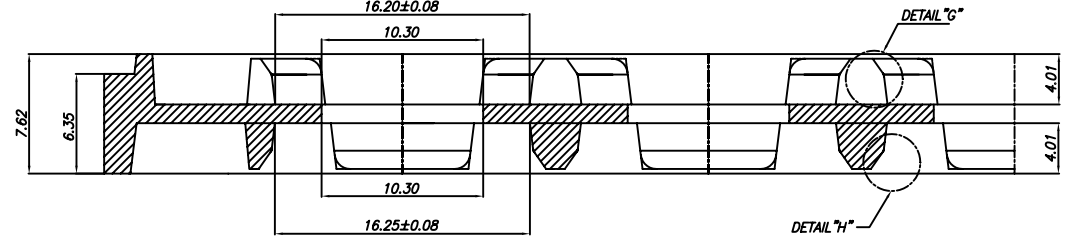
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
FRACTIONS N/A; DECIMALS XXXX ± 0.005, XXXX ± 0.013; ANGLES ± 1; SCALE N/A; SIZE N/A; SHEET 1 OF 4

REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		MD



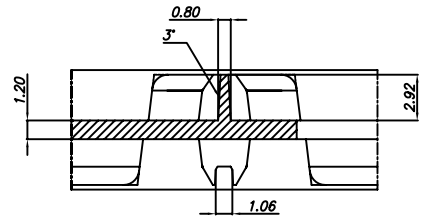
DETAIL "G"  
(SCALE:12/1)

SECTION "A-A"  
(SCALE:5/1)

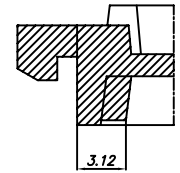


DETAIL "H"  
(SCALE:12/1)

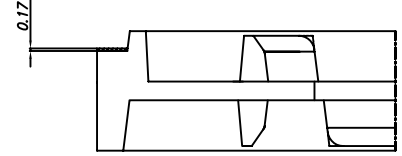
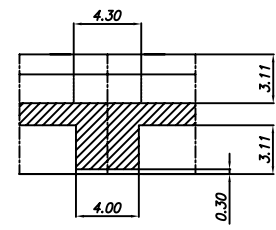
SECTION "B-B"  
(SCALE:5/1)



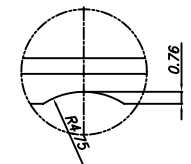
VACUUM CELL  
(SCALE:5/1)



SLIP LOCK  
(SCALE:5/1)



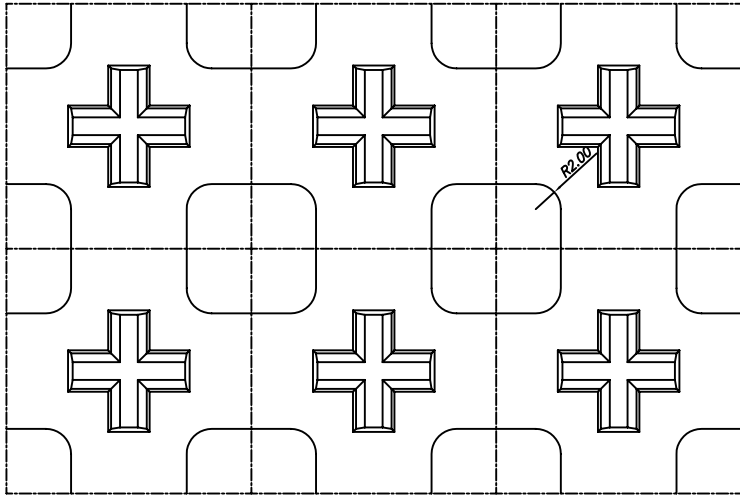
TAB DETAIL  
(SCALE:5/1)



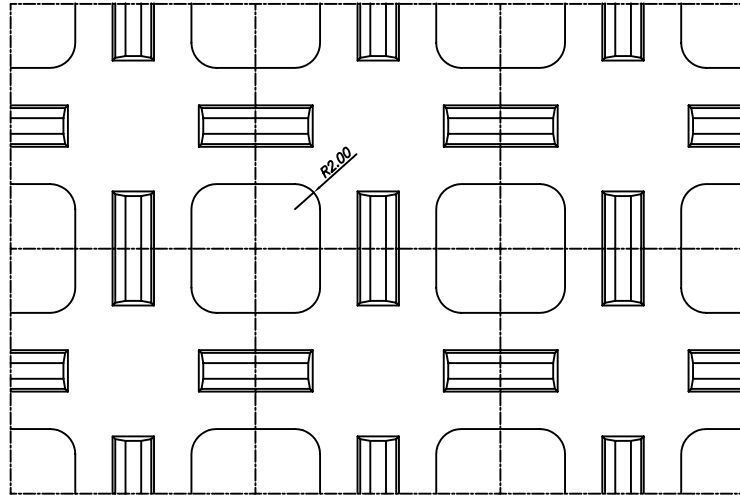
DETAIL "K"  
(SCALE:4/1)

<p>1630 McCarthy Blvd. Milpitas, CA 95035 Phone: 408-432-1900 LTC Confidential</p>		PIECE PART DRAWING LGA/BGA 16.0x16.0x4.41mm BLACK TRAY	
		DRAWING NO. 50-8078 REV0	
APPROVALS	DATE:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
DRAWN: M.OTHEND / D.PRUITT		FRACTIONS N/A	DECIMALS XXX ± 0.03 XXXX ± 0.03
CHECKED: R.RANGANATHAN		SCALE N/A	ANGLES ± 1
		SIZE N/A	SHEET 2 OF 4

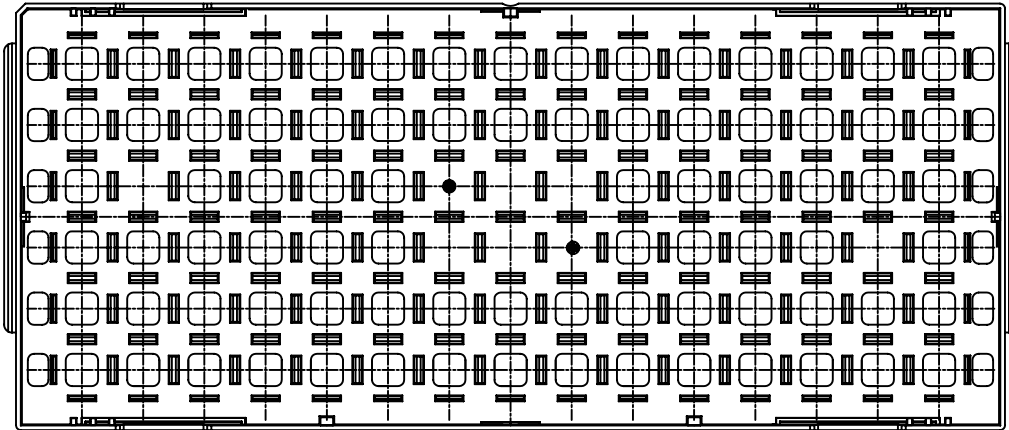
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		MD



TOP VIEW  
(SCALE:4/1)



BOTTOM VIEW  
(SCALE:4/1)



BOTTOM VIEW  
(SCALE:1/1)

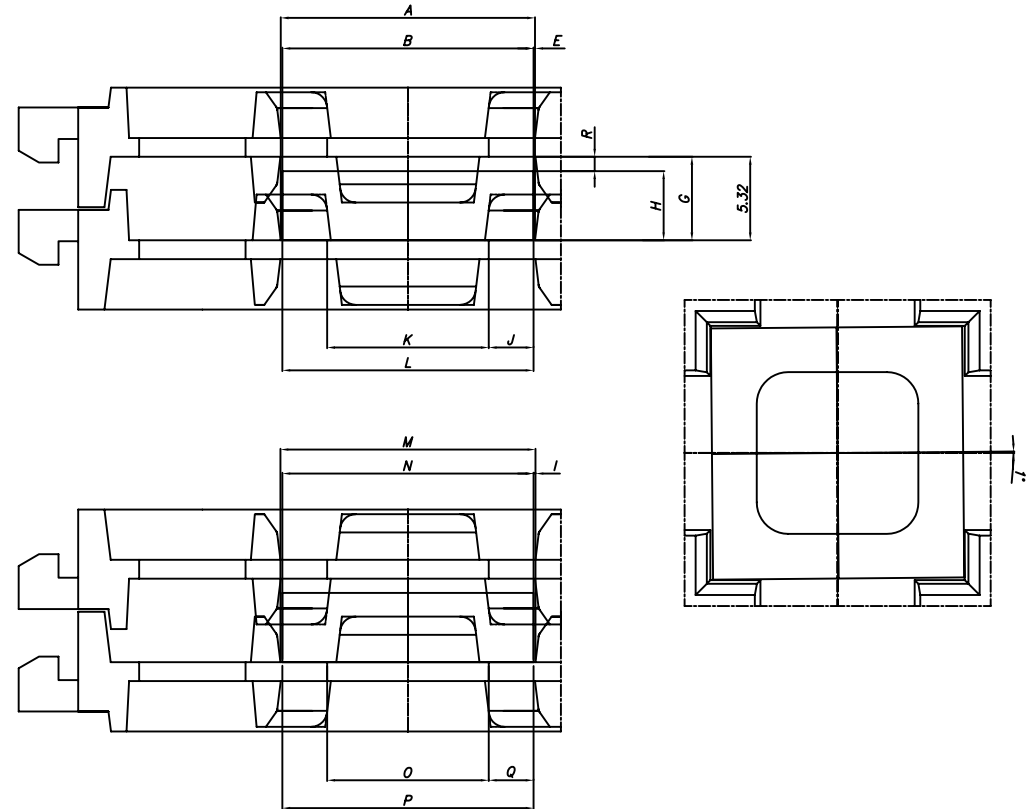
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PIECE PART DRAWING  
LGA/BGA 16.0x16.0x4.41mm  
BLACK TRAY


DRAWING NO.  
50-8078 REV0

APPROVALS	DATE:	TOLERANCES UNLESS OTHERWISE SPECIFIED:		
DRAWN: M.OTHEND / D.PRUITT		FRACTIONS N/A	DECIMALS XXX ± 0.02 XXXX ± 0.03	ANGLES ± 1
CHECKED: R.RANGANATHAN		SCALE N/A	SIZE N/A	SHEET 3 OF 4

REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		MD



SIMULATION CRITERIA					
1.	$A > B$	PACKAGE NESTING			
2.	$E > O$	PACKAGE LATERAL PLAY			
3.	$G > H$	PACKAGE VERTICAL PLAY			
4.	$I > O$	PACKAGE LATERAL PLAY AT FLIPPED			
5.	$K < L$	PACKAGE SEATING			
6.	$J > O$	PACKAGE SEATING PLAY			
7.	$M > N$	PACKAGE NESTING AT FLIPPED			
8.	$O < P$	PACKAGE SEATING AT FLIPPED			
9.	$Q > O$	PACKAGE SEATING PLAY AT FLIPPED			
No.	Section "AA" Condition	Nominal	Max. TRAY Min. PKG Wc 1	Min. TRAY Max. PKG Wc 2	Results
1	Tray A	16.200	16.280	16.120	Pass
	Pkg. B	16.000	15.900	16.100	
2	Gap. $E(A-B/2)$	0.100	0.190	0.010	Pass
3	Tray G	5.320	5.420	5.220	Pass
	Pkg. H	4.410	4.360	4.460	
4	Gap. $R(G-H)$	0.910	1.060	0.760	Pass
5	Gap. $I(M-N)/2$	0.125	0.215	0.035	Pass
6	Tray K	10.300	10.430	10.170	Pass
	Pkg. L	16.000	15.900	16.100	
7	Gap. $J(L-K/2)$	2.850	2.735	2.965	Pass
8	Tray M	16.250	16.330	16.170	Pass
	Pkg. N	16.000	15.900	16.100	
9	Tray O	10.300	10.430	10.170	Pass
	Pkg. P	16.000	15.900	16.100	
10	Gap. $Q(P-O/2)$	2.850	2.735	2.965	Pass

 1630 McCarthy Blvd. Milpitas, CA. 95035 Phone: 408-432-1900 LTC Confidential	PIECE PART DRAWING LGA/BGA 16.0x16.0x4.41mm BLACK TRAY		
	DRAWING NO. 50-8078 REV0		
APPROVALS	DATE:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
DRAWN: M.OTHIEIND / D.PRUITT		FRACTIONS N/A	DECIMALS XXXX ± 0.03 XXXX ± 0.03
CHECKED: R.RANGANATHAN		SCALE N/A	ANGLES ± 1
		SIZE N/A	SHEET 4 OF 4