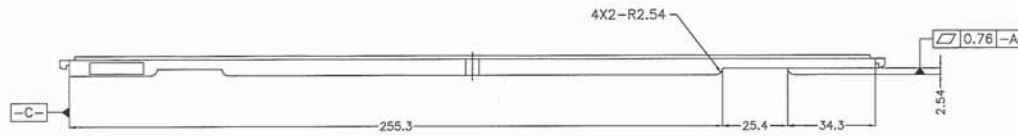
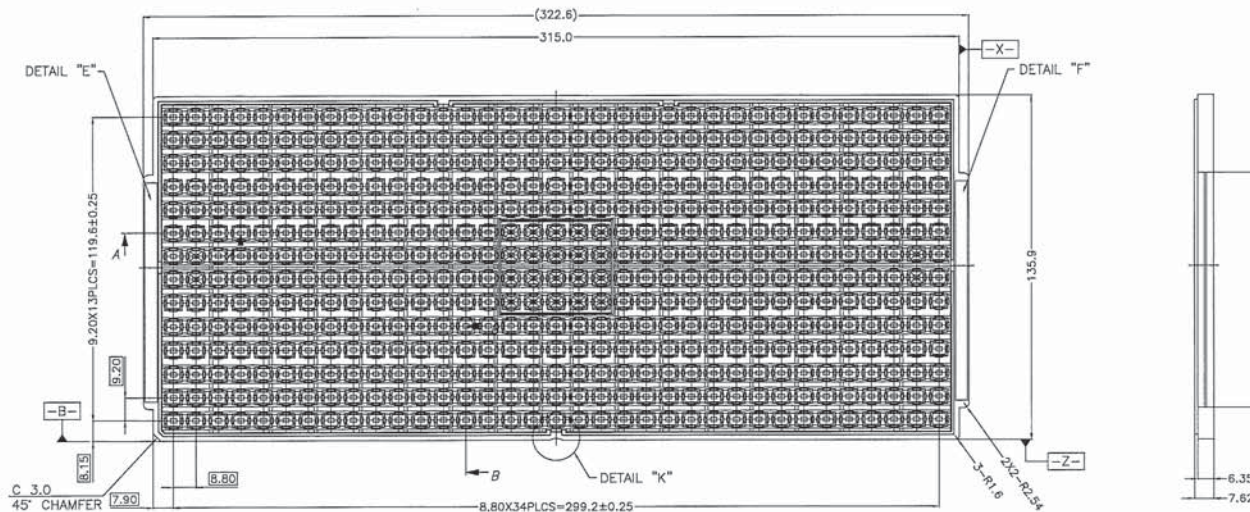


REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		



QFN 4.0mmx5.0mm
KS-B70297 REV.00

DETAIL "D"
(SCALE:2/1)



DATE DETAIL
(SCALE:2/1)



DETAIL "E"
(SCALE:2/1)



DETAIL "F"
(SCALE:2/1)



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Milpitas, CA. 95035
Phone: 408-432-1900
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PIECE PART DRAWING
LQFN 4.0mm X 5.0mm
BLACK TRAY

DRAWING NO.

50-5036

APPROVALS DATE:

DRAWN: RIDDEL DATE: MAY.05.2017

CHECKED: R.RANGANATHAN

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FRACTIONS N/A

SCALE N/A

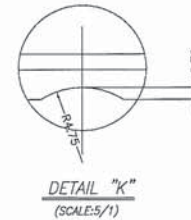
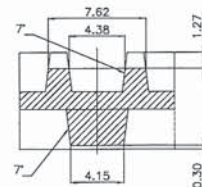
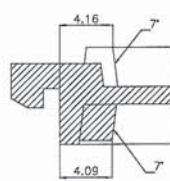
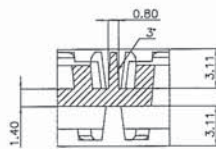
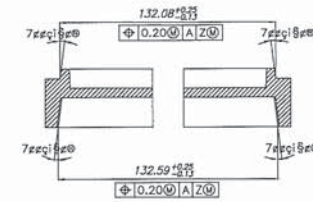
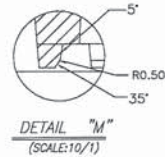
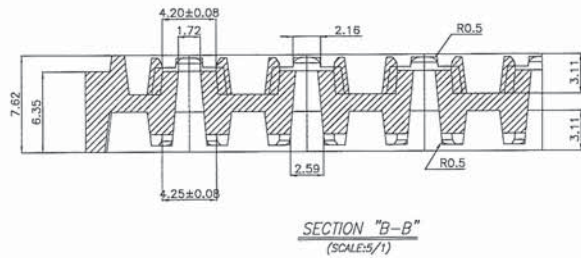
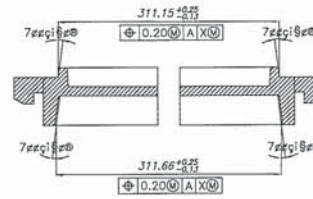
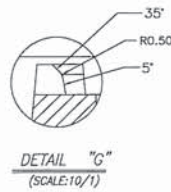
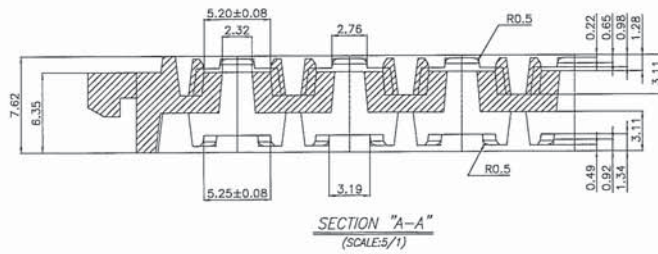
DECIMALS
XXX = ± 0.05
XXXX = ± 0.03

ANGLES
1

SIZE N/A

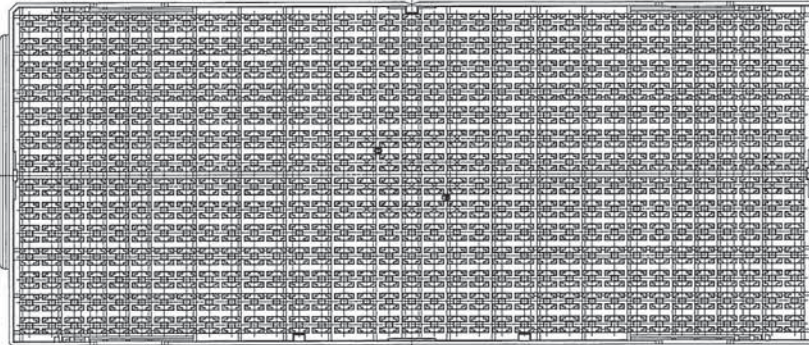
SHEET
1 OF 4

REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		

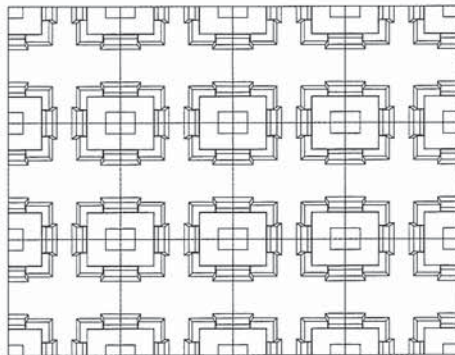


 1630 McCarthy Blvd. Milpitas, CA, 95035 Phone: 408-432-1900 LTC Confidential		PIECE PART DRAWING	
		LQFN 4.0mm X 5.0mm BLACK TRAY	
DRAWING NO.		50-5036	
APPROVALS	DATE:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
DRAWN: RIDEL	MAY.05.2017	FRACTIONS N/A	DECIMALS XXXX = ± 0.05 XXXXX = ± 0.01
CHECKED: R.RANGANATHAN		SCALE N/A	ANGLES ° ± 1
		SIZE N/A	SHEET 2 OF 4

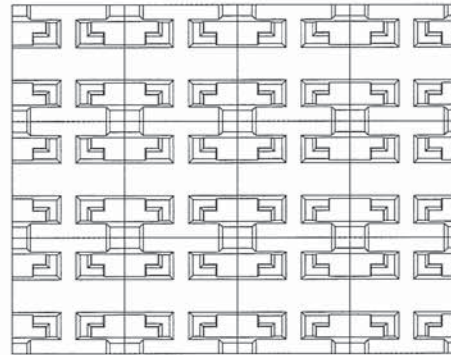
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		



BOTTOM VIEW



TOP VIEW
(SCALE:3/1)



BOTTOM VIEW
(SCALE:3/1)



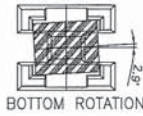
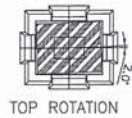
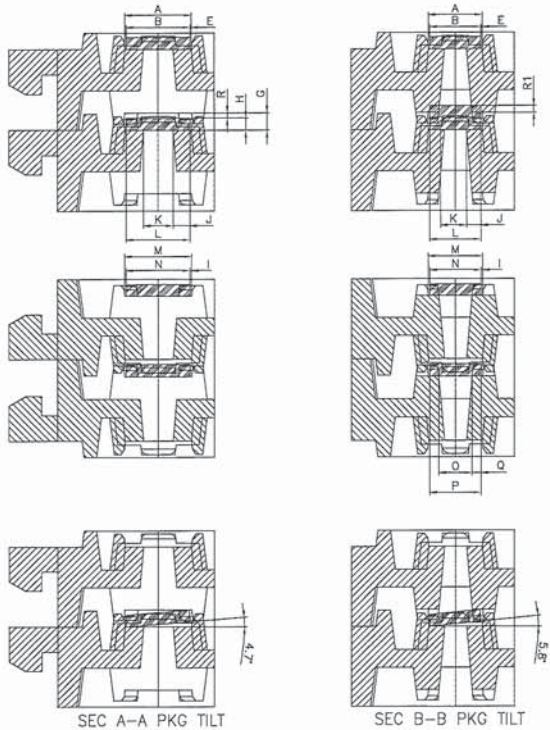
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APPROVALS	DATE:
DRAWN: RDEEL	MAY.05.2017
CHECKED: R.RANGANATHAN	

PIECE PART DRAWING			
LQFN 4.0mm X 5.0mm BLACK TRAY			
DRAWING NO.		50-5036	
TOLERANCES UNLESS OTHERWISE SPECIFIED:			
FRACTIONS	DECIMALS	ANGLES	
N/A	XXX ± 0.02 XXXX ± 0.013	± 1	
SCALE	SIZE	SHEET	
N/A	N/A	3 OF 4	

Package Body Size :	LQFN 4.0X5.0X0.94mm
Customer:	LINEAR
Package Outline Drawing No.:	05-08-1579 REV 0
Kostat Tray Drawing No.:	KS-870297(00)

REV	DESCRIPTION	DATE	APPROVED
00	INITIAL COMPOSITE DRAWING		



SIMULATION CRITERIA						
1	A>B	PACKAGE SEATING				
2	E>R	PACKAGE LATERAL PLAY				
3	D>H	PACKAGE VERTICAL PLAY				
4	R>G	PACKAGE VERTICAL GAP				
5	R1<G	NO DOUBLE UNITS				
6	K<G	PACKAGE NESTING PLAY				
7	J>G	PACKAGE FELL OFF THE SHELF				
8	M>N	PACKAGE SEATING PLAY(FLIPPED)				
9	I>G	PACKAGE LATERAL PLAY(FLIPPED)				
10	O>P	PACKAGE NESTING(FLIPPED)				
11	Q>G	PACKAGE NESTING PLAY(FLIPPED)				
No.	Item	Section A-A Condition	Nominal Nom Tray Min Pkg Max Tray Max Pkg	WC1 Min Tray Max Pkg	WC2 Min Tray Max Pkg	Result
1	Tray	A	5.200	5.280	5.120	
	Pkg	B	5.000	4.900	5.100	PASS
2	Gap	E-(A-B)/2	0.100	0.190	0.010	
3	Tray	C	1.350	1.480	1.220	
	Pkg	H	0.940	0.850	1.030	PASS
4	Gap	R-(G-H)	0.410	0.630	0.190	
5	Gap	R1-(G-2H)	-0.530	-0.220	-0.840	PASS
6	Tray	K	2.320	2.450	2.190	
	Pkg	L	5.000	4.900	5.100	PASS
7	Gap	J-(L-K)/2	1.340	1.225	1.455	
8	Tray	M	5.250	5.330	5.170	
	Pkg	N	5.000	4.900	5.100	PASS
9	Gap	I-(M-N)/2	0.125	0.215	0.035	
10	Tray	O	N/A	N/A	N/A	
	Pkg	P	N/A	N/A	N/A	N/A
11	Gap	D-(P-O)/2	N/A	N/A	N/A	
No.	Item	Section B-B Condition	Nominal Nom Tray Min Pkg Max Tray Max Pkg	WC1 Min Tray Max Pkg	WC2 Min Tray Max Pkg	Result
1	Tray	A	4.200	4.280	4.120	
	Pkg	B	4.000	3.900	4.100	PASS
2	Gap	E-(A-B)/2	0.100	0.190	0.010	
3	Tray	C	1.350	1.480	1.220	
	Pkg	H	0.940	0.850	1.030	PASS
4	Gap	R-(G-H)	0.410	0.630	0.190	
5	Gap	R1-(G-2H)	-0.530	-0.220	-0.840	PASS
6	Tray	K	2.020	2.150	1.890	
	Pkg	L	4.000	3.900	4.100	PASS
7	Gap	J-(L-K)/2	0.990	0.875	1.105	
8	Tray	M	4.250	4.330	4.170	
	Pkg	N	4.000	3.900	4.100	PASS
9	Gap	I-(M-N)/2	0.125	0.215	0.035	
10	Tray	O	3.990	2.720	2.460	
	Pkg	P	4.000	3.900	4.100	PASS
11	Gap	D-(P-O)/2	0.705	0.590	0.820	



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PIECE PART DRAWING
LQFN 4.0mm X 5.0mm
BLACK TRAY

DRAWING NO.

50-5036

APPROVALS		DATE:	TOLERANCES UNLESS OTHERWISE SPECIFIED		
DRAWN:	RIDEL	MAY.05.2017	FRACTIONS N/A	DECIMALS XXX ± 0.025 XXXX ± 0.013	ANGLES ± 1
CHECKED:	R.RANGANATHAN		SCALE N/A	SIZE N/A	SHEET 4 OF 4