



PRELIMINARY

4		3		2		1	
MATRIX BGA HARDWARE							
HARDWARE KIT PART NO.	SOCKET PART NO.	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"
1640261-1	1640240-1, 1640258-1, 1640320-1, 3-1640240-6, 3-1640258-6	38.10 (1.500)	48.76 (1.920)	3.35 (.132)	48.26 (1.900)	60.00 (2.362)	.81 (.032)
1640261-2	1640240-2, 1640258-2, 1640320-2, 1640240-5, 1640258-5, 1640320-5, 3-1640240-7, 3-1640258-7	38.10 (1.500)	48.76 (1.920)	3.35 (.132)	48.26 (1.900)	60.00 (2.362)	.89 (.035)
1640261-3	1640240-3, 1640258-3, 1640320-3, 3-1640240-8, 3-1640258-8, 2-1640320-5	38.10 (1.500)	48.76 (1.920)	3.35 (.132)	48.26 (1.900)	60.00 (2.362)	.76 (.030)
1640261-4	1640240-4, 1640258-4, 1640320-4, 3-1640240-9, 3-1640258-9	38.10 (1.500)	48.76 (1.920)	3.35 (.132)	48.26 (1.900)	60.00 (2.362)	.51 (.020)
1640261-5	1640240-6, 1640258-6, 1640320-6, 1640240-9, 1640258-9, 1-1640240-2, 1-1640258-2, 2-1640320-6, 4-1640240-1, 4-1640258-1	38.10 (1.500)	48.76 (1.920)	3.35 (.132)	48.26 (1.900)	60.00 (2.362)	.89 (.035)
1640261-6	1640240-7, 1640258-7	38.10 (1.500)	48.76 (1.920)	3.35 (.132)	48.26 (1.900)	60.00 (2.362)	1.19 (.047)
1640261-7	1640240-8, 1640258-8	38.10 (1.500)	48.76 (1.920)	3.35 (.132)	48.26 (1.900)	60.00 (2.362)	1.27 (.050)
1640261-8	1-1640240-0, 1-1640258-0	38.10 (1.500)	48.76 (1.920)	3.35 (.132)	48.26 (1.900)	60.00 (2.362)	1.14 (.045)
1640261-9	1-1640240-1, 1-1640258-1	38.10 (1.500)	48.76 (1.920)	3.35 (.132)	48.26 (1.900)	60.00 (2.362)	.64 (.025)
1-1640261-0	1-1640240-3, 1-1640258-3	38.10 (1.500)	48.76 (1.920)	3.35 (.132)	48.26 (1.900)	60.00 (2.362)	1.14 (.045)
1-1640261-1	1-1640240-4, 1-1640258-4, 1-1640320-4	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	1.27 (.050)
1-1640261-2	1-1640240-5, 1-1640258-5, 1-1640320-5	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	1.70 (.067)
1-1640261-3	1-1640240-6, 1-1640258-6, 1-1640320-0, 2-1640240-1, 2-1640258-1	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	1.83 (.072)
1-1640261-4	1-1640240-7, 1-1640258-7, 1-1640320-1	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	1.65 (.065)
1-1640261-5	1-1640240-8, 1-1640258-8, 1-1640320-2, 2-1640240-3, 2-1640258-3	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	2.03 (.080)
1-1640261-6	1-1640240-9, 1-1640258-9, 1640320-9, 2-1640320-7	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	1.32 (.052)
1-1640261-7	2-1640240-0, 2-1640258-0	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	1.78 (.070)
1-1640261-8	2-1640240-2, 2-1640258-2	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	1.02 (.040)
1-1640261-9	2-1640240-4, 2-1640258-4, 1-1640320-3	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	2.16 (.085)
3-1640261-1	1640320-7	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	.76 (.030)
3-1640261-2	1640320-8	50.80 (2.000)	61.46 (2.420)	4.94 (.195)	60.96 (2.400)	72.70 (2.862)	1.78 (.070)

4		3		2		1	
MATRIX BGA HARDWARE							
HARDWARE KIT PART NO.	SOCKET PART NO.	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"
2-1640261-0	2-1640240-5, 2-1640258-5, 1-1640320-6	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.41 (.095)
2-1640261-1	2-1640240-6, 2-1640258-6	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.67 (.105)
2-1640261-2	2-1640240-7, 2-1640258-7, 2-1640320-1	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.03 (.080)
2-1640261-3	2-1640240-8, 2-1640258-8, 1-1640320-8	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	1.85 (.072)
2-1640261-4	2-1640240-9, 2-1640258-9, 1-1640320-9	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.08 (.082)
2-1640261-5	3-1640240-0, 3-1640258-0	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.34 (.092)
2-1640261-6	3-1640240-1, 3-1640258-1	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.21 (.087)
2-1640261-7	3-1640240-2, 3-1640258-2	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.34 (.092)
2-1640261-8	3-1640240-3, 3-1640258-3, 2-1640320-4	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.84 (.112)
2-1640261-9	3-1640240-4, 3-1640258-4	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	3.30 (.130)
3-1640261-0	3-1640240-5, 3-1640258-5	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	3.05 (.120)
3-1640261-3	1-1640320-7	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.16 (.085)
3-1640261-4	2-1640320-0	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	1.91 (.075)
3-1640261-5	2-1640320-2	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.98 (.115)
3-1640261-6	2-1640320-3	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	1.27 (.050)
3-1640261-7	2-1640320-8	62.00 (2.441)	72.66 (2.861)	6.53 (.257)	72.16 (2.841)	83.90 (3.303)	2.54 (.100)

CUSTOMER DRAWING
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Tyco Electronics Norwood, Massachusetts 02062		CUSTOMER DRAWING HARDWARE KIT BGA	
DO NOT SCALE UNLESS OTHERWISE SPECIFIED 1/8" = .25" 1/16" = .13" 3/32" = .094" ANGLES: 8°	DRAWN BY: B. SHARP DATE: 11-19-02 CHECKED BY: W. ALDEN DATE: 11-20-02 PROJECT: 021001 C-CHAN: PRO-E	MATERIAL: N/A FINISH: N/A TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS: MILLIMETERS DECIMALS: .005 FRACTIONS: 1/16 ANGLES: 1/2°	SHEET NO.: 7 OF: 7 SEE TABLE 1