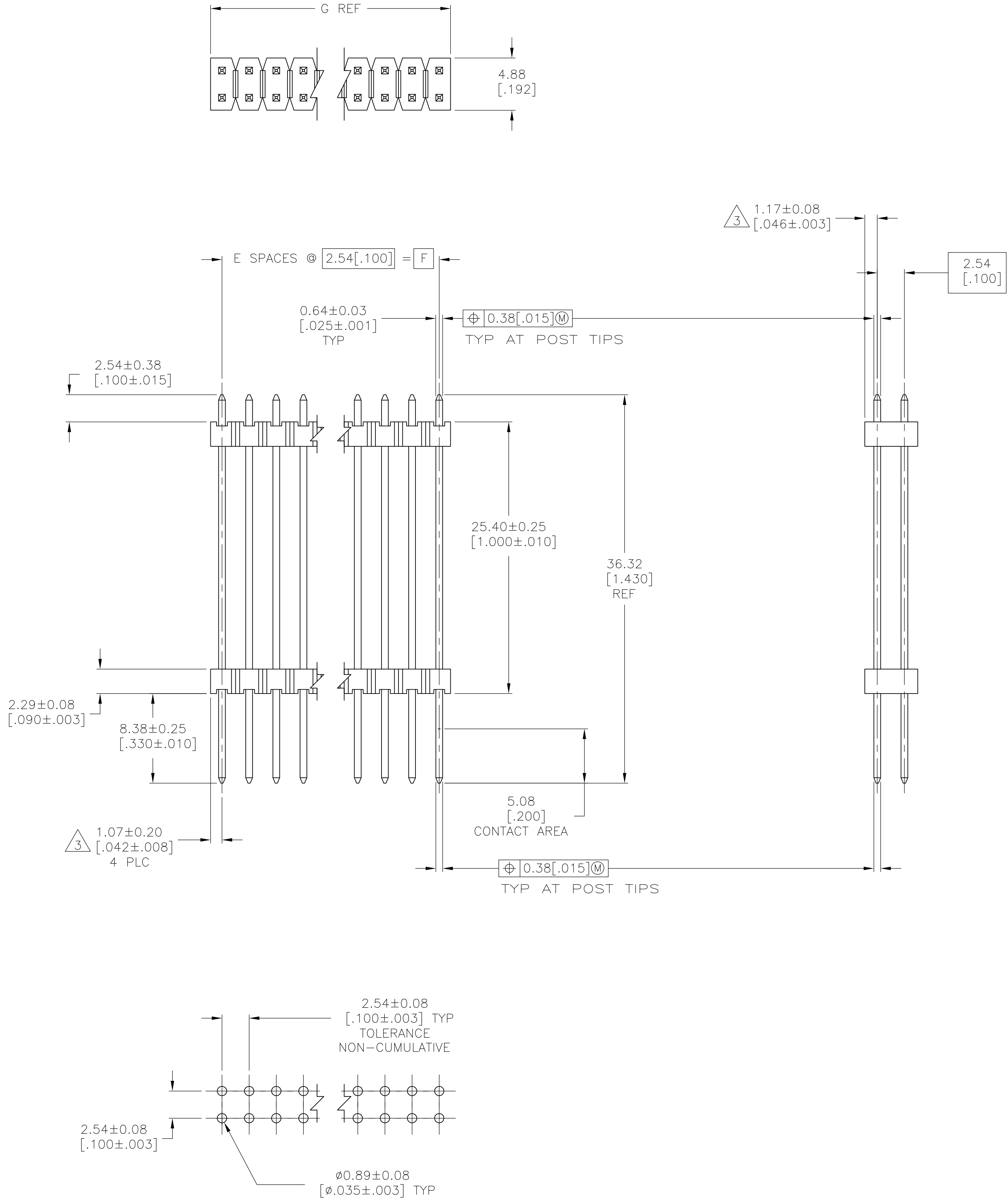




1. ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
2. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
3. THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING
4. HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK.
5. FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL, 0.00127 [.000050] NICKEL ENTIRE POST.
6. FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL, 0.00127 [.000050] NICKEL ENTIRE POST.

RECOMMENDED HOLE LAYOUT

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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LOCAD

DIST00

REV

DATE

BY

APPROVED

DESCRIPTION

SEE SHEET 1

△₆	101.19 [3.984]	99.06 [3.900]	39	80	9-146509-0
△₆	98.65 [3.884]	96.52 [3.800]	38	78	8-146509-9
△₆	96.11 [3.784]	93.98 [3.700]	37	76	8-146509-8
△₆	93.57 [3.684]	91.44 [3.600]	36	74	8-146509-7
△₆	91.03 [3.584]	88.90 [3.500]	35	72	8-146509-6
△₆	88.49 [3.484]	86.36 [3.400]	34	70	8-146509-5
△₆	85.95 [3.384]	83.82 [3.300]	33	68	8-146509-4
△₆	83.41 [3.284]	81.28 [3.200]	32	66	8-146509-3
△₆	80.87 [3.184]	78.74 [3.100]	31	64	8-146509-2
△₆	78.33 [3.084]	76.20 [3.000]	30	62	8-146509-1
△₆	75.79 [2.984]	73.66 [2.900]	29	60	8-146509-0
△₆	73.25 [2.884]	71.12 [2.800]	28	58	7-146509-9
△₆	70.71 [2.784]	68.58 [2.700]	27	56	7-146509-8
△₆	68.17 [2.684]	66.04 [2.600]	26	54	7-146509-7
△₆	65.63 [2.584]	63.50 [2.500]	25	52	7-146509-6
△₆	63.09 [2.484]	60.96 [2.400]	24	50	7-146509-5
△₆	60.55 [2.384]	58.42 [2.300]	23	48	7-146509-4
△₆	58.01 [2.284]	55.88 [2.200]	22	46	7-146509-3
△₆	55.47 [2.184]	53.34 [2.100]	21	44	7-146509-2
△₆	52.93 [2.084]	50.80 [2.000]	20	42	7-146509-1
△₆	50.39 [1.984]	48.26 [1.900]	19	40	7-146509-0
△₆	47.85 [1.884]	45.72 [1.800]	18	38	6-146509-9
△₆	45.31 [1.784]	43.18 [1.700]	17	36	6-146509-8
△₆	42.77 [1.684]	40.64 [1.600]	16	34	6-146509-7
△₆	40.23 [1.584]	38.10 [1.500]	15	32	6-146509-6
△₆	37.69 [1.484]	35.56 [1.400]	14	30	6-146509-5
△₆	35.15 [1.384]	33.02 [1.300]	13	28	6-146509-4
△₆	32.61 [1.284]	30.48 [1.200]	12	26	6-146509-3
△₆	30.07 [1.184]	27.94 [1.100]	11	24	6-146509-2
△₆	27.53 [1.084]	25.40 [1.000]	10	22	6-146509-1
△₆	24.99 [.984]	22.86 [.900]	9	20	6-146509-0
△₆	22.45 [.884]	20.32 [.800]	8	18	5-146509-9
△₆	19.91 [.784]	17.78 [.700]	7	16	5-146509-8
△₆	17.37 [.684]	15.24 [.600]	6	14	5-146509-7
△₆	14.83 [.584]	12.70 [.500]	5	12	5-146509-6
△₆	12.29 [.484]	10.16 [.400]	4	10	5-146509-5
△₆	9.75 [.384]	7.62 [.300]	3	8	5-146509-4
△₆	7.21 [.284]	5.08 [.200]	2	6	5-146509-3
△₆	4.67 [.184]	2.54 [.100]	1	4	5-146509-2
△₆	2.13 [.084]	-	-	2	5-146509-1
PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER

△₅	101.19 [3.984]	99.06 [3.900]	39	80	4-146509-0
△₅	98.65 [3.884]	96.52 [3.800]	38	78	3-146509-9
△₅	96.11 [3.784]	93.98 [3.700]	37	76	3-146509-8
△₅	93.57 [3.684]	91.44 [3.600]	36	74	3-146509-7
△₅	91.03 [3.584]	88.90 [3.500]	35	72	3-146509-6
△₅	88.49 [3.484]	86.36 [3.400]	34	70	3-146509-5
△₅	85.95 [3.384]	83.82 [3.300]	33	68	3-146509-4
△₅	83.41 [3.284]	81.28 [3.200]	32	66	3-146509-3
△₅	80.87 [3.184]	78.74 [3.100]	31	64	3-146509-2
△₅	78.33 [3.084]	76.20 [3.000]	30	62	3-146509-1
△₅	75.79 [2.984]	73.66 [2.900]	29	60	3-146509-0
△₅	73.25 [2.884]	71.12 [2.800]	28	58	2-146509-9
△₅	70.71 [2.784]	68.58 [2.700]	27	56	2-146509-8
△₅	68.17 [2.684]	66.04 [2.600]	26	54	2-146509-7
△₅	65.63 [2.584]	63.50 [2.500]	25	52	2-146509-6
△₅	63.09 [2.484]	60.96 [2.400]	24	50	2-146509-5
△₅	60.55 [2.384]	58.42 [2.300]	23	48	2-146509-4
△₅	58.01 [2.284]	55.88 [2.200]	22	46	2-146509-3
△₅	55.47 [2.184]	53.34 [2.100]	21	44	2-146509-2
△₅	52.93 [2.084]	50.80 [2.000]	20	42	2-146509-1
△₅	50.39 [1.984]	48.26 [1.900]	19	40	2-146509-0
△₅	47.85 [1.884]	45.72 [1.800]	18	38	1-146509-9
△₅	45.31 [1.784]	43.18 [1.700]	17	36	1-146509-8
△₅	42.77 [1.684]	40.64 [1.600]	16	34	1-146509-7
△₅	40.23 [1.584]	38.10 [1.500]	15	32	1-146509-6
△₅	37.69 [1.484]	35.56 [1.400]	14	30	1-146509-5
△₅	35.15 [1.384]	33.02 [1.300]	13	28	1-146509-4
△₅	32.61 [1.284]	30.48 [1.200]	12	26	1-146509-3
△₅	30.07 [1.184]	27.94 [1.100]	11	24	1-146509-2
△₅	27.53 [1.084]	25.40 [1.000]	10	22	1-146509-1
△₅	24.99 [.984]	22.86 [.900]	9	20	1-146509-0
△₅	22.45 [.884]	20.32 [.800]	8	18	146509-9
△₅	19.91 [.784]	17.78 [.700]	7	16	146509-8
△₅	17.37 [.684]	15.24 [.600]	6	14	146509-7
△₅	14.83 [.584]	12.70 [.500]	5	12	146509-6
△₅	12.29 [.484]	10.16 [.400]	4	10	146509-5
△₅	9.75 [.384]	7.62 [.300]	3	8	146509-4
△₅	7.21 [.284]	5.08 [.200]	2	6	146509-3
△₅	4.67 [.184]	2.54 [.100]	1	4	146509-2
△₅	2.13 [.084]	-	-	2	146509-1
PLATING	G	F	E	NO. OF POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± 0.5[.02]
2 PLC ± 0.13[.005]
3 PLC ± -
4 PLC ± -
ANGLES ± -

SEE TABLE

MATERIAL

DWN R BROWN 19OCT2006

CHK J GESFORD 19OCT2006

APVD J GESFORD 19OCT2006

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

NAME

SIZE CAGE CODE DRAWING NO

RESTRICTED TO

TE Connectivity

HEADER ASSEMBLY, MOD II,
STACKING, DOUBLE ROW,
.025 SQ.POST, UNSHROUDED

A100779C146509

SCALE 4:1 SHEET 2 OF 2 REV A1

4805 (3/11)

Mouser Electronics

Authorized Distributor

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[5-146509-1](#)