

1.07 ± 0.20
[.042 ± 0.008]
4 PLC

2.29 ± 0.08
[.090 ± 0.003]

8.38 ± 0.25
[.330 ± 0.010]

5.08
[.200]
CONTACT AREA

36.32
[1.430]
REF

25.40 ± 0.25
[1.000 ± 0.010]

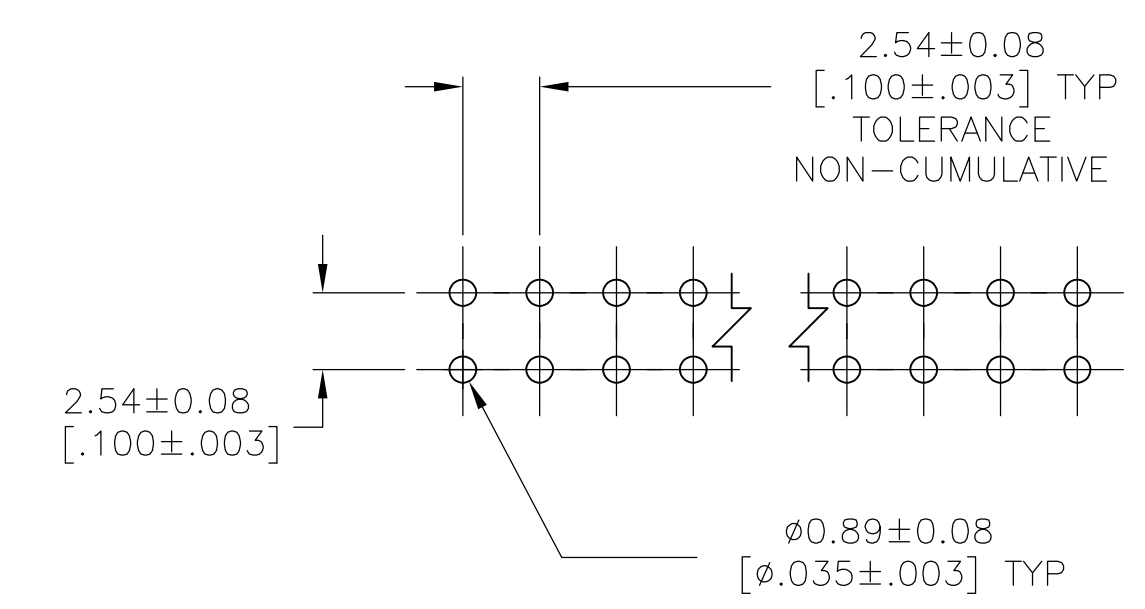
0.64 ± 0.03
[.025 ± 0.001]
TYP

0.38 [0.015] M
TYP AT POST TIPS

E SPACES @ 2.54 [.100] = F

1.17 ± 0.08
[.046 ± 0.003]

2.54
[.100]



RECOMMENDED HOLE LAYOUT

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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 19OCT2006	TE Connectivity													
DIMENSIONS: mm [INCHES]		CHK J GESFORD 19OCT2006														
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J GESFORD 19OCT2006	NAME HEADER ASSEMBLY, MOD II, STACKING, DOUBLE ROW, .025 SQ.POST, UNSHROUDED													
<table border="1"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± 0.5[.02]</td></tr> <tr><td>2 PLC</td><td>± 0.13[.005]</td></tr> <tr><td>3 PLC</td><td>± -</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± -</td></tr> </table>		0 PLC	± -	1 PLC	± 0.5[.02]	2 PLC	± 0.13[.005]	3 PLC	± -	4 PLC	± -	ANGLES	± -	PRODUCT SPEC	APPLICATION SPEC	
0 PLC	± -															
1 PLC	± 0.5[.02]															
2 PLC	± 0.13[.005]															
3 PLC	± -															
4 PLC	± -															
ANGLES	± -															
MATERIAL		WEIGHT	SIZE A1	CAGE CODE 146509												
FINISH SEE TABLE		CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 2												

△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 ± -	DIN R BROWN 19OCT2006 CHK J GESFORD 19OCT2006 APVO J GESFORD 19OCT2006	NAME PRODUCT SPEC APPLICATION SPEC	SIZE CASE CODE DRAWING NO RESTRICTED TO
MATERIAL △4	FINISH SEE TABLE	WEIGHT -	A1 00779 146509	CUSTOMER DRAWING

SCALE 4:1 SHEET 2 OF 2 REV A1

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

Mouser Electronics

Authorized Distributor

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[5-146509-1](#)