



- ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
- TRUE POSITION TOLERANCE OF THE POSTS TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.
- THE NOTED DIMENSION APPLIES AT THE INTERSECTION OF THE POST AND HOUSING.
- FINISH: 0.000127 [.000005] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.
- PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
- MATERIAL: HOUSING- FLAME RETARDANT THERMOPLASTIC
POSTS- BRASS
- FINISH: 0.000127 [.000005] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL ALL OVER 0.00127 [.000050] NICKEL.
- HIGH TEMPERATURE CONFIGURATION

SEE SHEET 2 FOR PART NUMBER TABLE

RECOMMENDED HOLE LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DNV R BROWN	07AUG00	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm		CHK J GESFORD	07AUG00	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J GESFORD	07AUG00	NAME HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, .100 X .100 CL, VERTICAL, .025 SQ. POST, SELECT LOAD
0 PLC ± -	1 PLC ± -	APPLICATION SPEC		SIZE A1
2 PLC ± 0.13 [.005]	3 PLC ± -	WEIGHT		CAGE CODE 146220
4 PLC ± -	ANGLES ± -	CUSTOMER DRAWING		SCALE 4:1
FINISH SEE TABLE		DRAWING NO. 100779		RESTRICTED TO 1 OF 2
MATERIAL SEE TABLE		REV W1		

REMARKS	PLATING	ROW N	ROW M	C	B	A	NO.OF ACTIVE POSN.	NO. OF POSN.	ASSEMBLY PART NUMBER
△8	△7	2, 13	13	42.77 [1.684]	40.64 [1.600]	16	31	34	8-146220-9
△8	△7	NONE	5,7	19.91 [.784]	17.78 [.700]	7	14	16	8-146220-8
△8	△7	NONE	5	24.99 [.984]	22.86 [.900]	9	19	20	8-146220-7
△8	△7	3	NONE	9.75 [.384]	7.62 [.300]	3	7	8	8-146220-6
△8	△7	NONE	14	68.17 [2.684]	66.04 [2.600]	26	53	54	8-146220-5
△8	△7	NONE	7	19.91 [.784]	17.78 [.700]	7	15	16	8-146220-4
△8	△7	4,8,12,	4,8,12,	37.69 [1.484]	35.56 [1.400]	14	24	30	8-146220-3
△8	△7	NONE	1	12.29 [.484]	10.16 [.400]	4	9	10	8-146220-2
△8	△7	NONE	1	19.91 [.784]	17.78 [.700]	7	15	16	8-146220-1
△8	△7	9	12	42.77 [1.684]	40.64 [1.600]	16	32	34	8-146220-0
△8	△7	5	5	32.61 [1.284]	30.48 [1.200]	12	22	26	7-146220-9
△8	△7	3	1,4,5	19.91 [.784]	17.78 [.700]	7	12	16	7-146220-8
△8	△7	6	1,6,8	42.77 [1.684]	40.64 [1.600]	16	30	34	7-146220-7
△8	△7	9	8,9,12	68.17 [2.684]	66.04 [2.600]	26	42	54	7-146220-6
△8	△7	4,8,12,	4,8,12,	37.69 [1.484]	35.56 [1.400]	14	24	30	7-146220-5
△8	△7	1,3	NONE	22.45 [.884]	20.32 [.800]	8	16	18	7-146220-4
△8	△7	NONE	8	19.91 [.784]	17.78 [.700]	7	15	16	7-146220-3
△8	△7	NONE	1	17.37 [.684]	15.24 [.600]	6	13	14	7-146220-2
△8	△7	1	NONE	9.75 [.384]	7.62 [.300]	3	7	8	7-146220-1
△8	△7	NONE	10	50.39 [1.984]	48.26 [1.900]	19	39	40	7-146220-0
△8	△7	3	NONE	42.77 [1.684]	40.64 [1.600]	16	33	34	6-146220-9
△8	△7	1	12	32.61 [1.284]	30.48 [1.200]	12	24	26	6-146220-8
△8	△7	4	3,5	17.37 [.684]	15.24 [.600]	6	11	14	6-146220-7
△8	△7	12	NONE	32.61 [1.284]	30.48 [1.200]	12	25	26	6-146220-6
△8	△7	NONE	10	32.61 [1.284]	30.48 [1.200]	12	25	26	6-146220-5
△8	△7	1	NONE	32.61 [1.284]	30.48 [1.200]	12	25	26	6-146220-4
△8	△7	NONE	4	12.29 [.484]	10.16 [.400]	4	9	10	6-146220-3
△8	△7	1	NONE	7.21 [.284]	5.08 [.200]	2	5	6	6-146220-2
△8	△7	NONE	7	19.91 [.784]	17.78 [.700]	7	15	16	6-146220-1
△8	△7	NONE	2	4.67 [.184]	2.54 [.100]	1	3	4	6-146220-0
△8	△7	13,14	14	50.39 [1.984]	48.26 [1.900]	19	37	40	5-146220-9
△8	△7	13,14	14	42.77 [1.684]	40.64 [1.600]	16	31	34	5-146220-8
△8	△7	14	14	42.77 [1.684]	40.64 [1.600]	16	32	34	5-146220-7
△8	△7	9	15	42.77 [1.684]	40.64 [1.600]	16	32	34	5-146220-6
△8	△7	NONE	13	32.61 [1.284]	30.48 [1.200]	12	25	26	5-146220-5
△8	△7	10	2,7	24.99 [.984]	22.86 [.900]	9	17	20	5-146220-4
△8	△7	9	NONE	42.77 [1.684]	40.64 [1.600]	16	33	34	5-146220-3
△8	△7	NONE	5	12.29 [.484]	10.16 [.400]	4	9	10	5-146220-2
△8	△7	13	NONE	32.61 [1.284]	30.48 [1.200]	12	25	26	5-146220-1

△5

REMARKS	PLATING	ROW N	ROW M	C	B	A	NO.OF ACTIVE POSN.	NO. OF POSN.	ASSEMBLY PART NUMBER
-	△4	2, 13	13	42.77 [1.684]	40.64 [1.600]	16	31	34	3-146220-9
-	△4	NONE	5,7	19.91 [.784]	17.78 [.700]	7	14	16	3-146220-8
-	△4	NONE	5	24.99 [.984]	22.86 [.900]	9	19	20	3-146220-7
-	△4	3	NONE	9.75 [.384]	7.62 [.300]	3	7	8	3-146220-6
-	△4	NONE	14	68.17 [2.684]	66.04 [2.600]	26	53	54	3-146220-5
-	△4	NONE	7	19.91 [.784]	17.78 [.700]	7	15	16	3-146220-4
-	△4	4,8,12,	4,8,12,	37.69 [1.484]	35.56 [1.400]	14	24	30	3-146220-3
-	△4	NONE	1	12.29 [.484]	10.16 [.400]	4	9	10	3-146220-2
-	△4	NONE	1	19.91 [.784]	17.78 [.700]	7	15	16	3-146220-1
-	△4	9	12	42.77 [1.684]	40.64 [1.600]	16	32	34	3-146220-0
-	△4	5	5	32.61 [1.284]	30.48 [1.200]	12	22	26	2-146220-9
-	△4	3	1,4,5	19.91 [.784]	17.78 [.700]	7	12	16	2-146220-8
-	△4	6	1,6,8	42.77 [1.684]	40.64 [1.600]	16	30	34	2-146220-7
-	△4	9	8,9,12	68.17 [2.684]	66.04 [2.600]	26	42	54	2-146220-6
-	△4	4,8,12,	4,8,12,	37.69 [1.484]	35.56 [1.400]	14	24	30	2-146220-5
-	△4	1,3	NONE	22.45 [.884]	20.32 [.800]	8	16	18	2-146220-4
-	△4	NONE	8	19.91 [.784]	17.78 [.700]	7	15	16	2-146220-3
-	△4	NONE	1	17.37 [.684]	15.24 [.600]	6	13	14	2-146220-2
-	△4	1	NONE	9.75 [.384]	7.62 [.300]	3	7	8	2-146220-1
-	△4	NONE	10	50.39 [1.984]	48.26 [1.900]	19	39	40	2-146220-0
-	△4	3	NONE	42.77 [1.684]	40.64 [1.600]	16	33	34	1-146220-9
-	△4	1	12	32.61 [1.284]	30.48 [1.200]	12	24	26	1-146220-8
-	△4	4	3,5	17.37 [.684]	15.24 [.600]	6	11	14	1-146220-7
-	△4	12	NONE	32.61 [1.284]	30.48 [1.200]	12	25	26	1-146220-6
-	△4	NONE	10	32.61 [1.284]	30.48 [1.200]	12	25	26	1-146220-5
-	△4	1	NONE	32.61 [1.284]	30.48 [1.200]	12	25	26	1-146220-4
-	△4	NONE	4	12.29 [.484]	10.16 [.400]	4	9	10	1-146220-3
-	△4	1	NONE	7.21 [.284]	5.08 [.200]	2	5	6	1-146220-2
-	△4	NONE	7	19.91 [.784]	17.78 [.700]	7	15	16	1-146220-1
-	△4	NONE	2	4.67 [.184]	2.54 [.100]	1	3	4	1-146220-0
-	△4	13,14	14	50.39 [1.984]	48.26 [1.900]	19	37	40	146220-9
-	△4	13,14	14	42.77 [1.684]	40.64 [1.600]	16	31	34	146220-8
-	△4	14	14	42.77 [1.684]	40.64 [1.600]	16	32	34	146220-7
-	△4	9	15	42.77 [1.684]	40.64 [1.600]	16	32	34	146220-6
-	△4	NONE	13	32.61 [1.284]	30.48 [1.200]	12	25	26	146220-5
-	△4	10	2,7	24.99 [.984]	22.86 [.900]	9	17	20	146220-4
-	△4	9	NONE	42.77 [1.684]	40.64 [1.600]	16	33	34	146220-3
-	△4	NONE	5	12.29 [.484]	10.16 [.400]	4	9	10	146220-2
-	△4	13	NONE	32.61 [1.284]	30.48 [1.200]	12	25	26	146220-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIM R BROWN 07AUG00
 CHK J GESFORD 07AUG00
 APVD J GESFORD 07AUG00
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ± -
 1 PLC ± -
 2 PLC ± 0.13 [.005]
 3 PLC ± -
 4 PLC ± -
 ANGLES ± -
 FINISH SEE TABLE
 Tyco Electronics Corporation
 Harrisburg, Pa 17105-3608
 NAME HEADER ASSEMBLY, MOD II, BREAKAWAY,
 DOUBLE ROW, .100 X .100 CL, VERTICAL,
 .025 SQ. POST, SELECT LOAD
 SIZE A1
 CAGE CODE 00779
 DRAWING NO 146220
 RESTRICTED TO -
 CUSTOMER DRAWING SCALE 4:1 SHEET 2 OF 2 REV W1