



RECOMMENDED HOLE LAYOUT

- 1 ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
- 2 TRUE POSITION TOLERANCE OF THE POSTS TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.
- △3 THE NOTED DIMENSION APPLIES AT THE INTERSECTION OF THE POST AND HOUSING.
- △4 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.
- △5 PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
- △6 MATERIAL: HOUSING- FLAME RETARDANT THERMOPLASTIC
POSTS- COPPER ALLOY
- △7 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.
- △8 HIGH TEMPERATURE CONFIGURATION
- △9 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

SEE SHEET 2 FOR PART NUMBER TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 07AUG00	STE TE Connectivity	
DIMENSIONS: mm		CHK J GEFSEFORD 07AUG00	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J GEFSEFORD 07AUG00	PRODUCT SPEC	
0 PLC ± -		APPLICATION SPEC		
1 PLC ± -		SIZE		
2 PLC ± 0.13 [.005]		CAGE CODE		
3 PLC ± -		DRAWING NO		
4 PLC ± -		RESTRICTED TO		
ANGLES ± -		WEIGHT		
MATERIAL		A1 00779 C=146220		
FINISH SEE TABLE		CUSTOMER DRAWING		
SCALE 1:1		SHEET 1 OF 2		
REV Y				

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

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

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DTN R BROWN 07AUG00
 CHK J GESFORD 07AUG00
 APVO J GESFORD 07AUG00

TE Connectivity

NAME: HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, .100 X .100 CL, VERTICAL, .025 SQ. POST, SELECT LOAD

SIZE: A1 CASE CODE: 00779 DRAWING NO: 146220 RESTRICTED TO: -
 WEIGHT: - SCALE: 1:1 SHEET 2 OF 2 REV Y

MATERIAL: 6 FINISH: SEE TABLE

TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ± -
 1 PLC ± -
 2 PLC ± 0.13 [.005]
 3 PLC ± -
 4 PLC ± -
 ANGLES ± -

CUSTOMER DRAWING

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