



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 [0.000005] GOLD ON CONTACT AREA, 0.00254-0.00508 [0.000100-0.000200] MATTE TIN-LEAD ON SOLDER TAIL ALL OVER 0.00127 [0.000050] NICKEL.
- 5 PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
- 6 MATERIAL: HOUSING- FLAME RETARDANT THERMOPLASTIC  
POSTS- COPPER ALLOY
- 7 FINISH: 0.000127 [0.000005] GOLD ON CONTACT AREA, 0.00254-0.00508 [0.000100-0.000200] MATTE TIN ON SOLDER TAIL ALL OVER 0.00127 [0.000050] NICKEL.
- 8 HIGH TEMPERATURE CONFIGURATION
- 9 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

REVISIONS				
REV	DATE	DESCRIPTION	BY	APP'D
Y1	27SEP2022	REVISED PER ECN-22-176629	RK	MF

SEE SHEET 2 FOR PART NUMBER TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 07AUG00	TE Connectivity Ltd.	
DIMENSIONS: mm		CHK J GESFORD 07AUG00		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J GESFORD 07AUG00	NAME HEADER ASSY, MOD II, B/A, DR, .100 X .100 CL, VERT, .025 SQ. POST, SELECT LOAD	
0. PLC ± - 1. PLC ± - 2. PLC ± 0.13 [0.005] 3. PLC ± - 4. PLC ± - ANGLES ± -		PRODUCT SPEC	RESTRICTED TO	
MATERIAL SEE TABLE		APPLICATION SPEC	SIZE A1	DRAWING NO. 00779
FINISH SEE TABLE		WEIGHT -	SCALE 1:1	SHEET 1 OF 2
CUSTOMER DRAWING		REV Y1	DRAWING NO. 146220	

REVISIONS				
P	LYR	DESCRIPTION	DATE	APPV
-	-	SEE SHEET 1	-	-

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 [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	42.77 [1.684]	40.64 [1.600]	16	32	34	7-146220-9
	8	7	3	1,4,5	32.61 [1.284]	30.48 [1.200]	12	22	26	7-146220-8
	8	7	6	1,6,8	19.91 [.784]	17.78 [.700]	7	12	16	7-146220-7
	8	7	9	8,9,12	42.77 [1.684]	40.64 [1.600]	16	30	34	7-146220-6
	8	7	4,8,12, 16,20,24	4,8,12, 16,20,24	68.17 [2.684]	66.04 [2.600]	26	42	54	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

REMARKS	PLATING	ROW N	ROW M	POST OMITTED	C	B	A	NO. OF ACTIVE POSN.	NO. OF POSN.	ASSEMBLY PART NUMBER
OBSOLETE	4	2, 13	13		42.77 [1.684]	40.64 [1.600]	16	31	34	3-146220-9
OBSOLETE	4	NONE	5,7		19.91 [.784]	17.78 [.700]	7	14	16	3-146220-8
OBSOLETE	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		42.77 [1.684]	40.64 [1.600]	16	32	34	2-146220-9
	4	3	1,4,5		32.61 [1.284]	30.48 [1.200]	12	22	26	2-146220-8
	4	6	1,6,8		19.91 [.784]	17.78 [.700]	7	12	16	2-146220-7
	4	9	8,9,12		42.77 [1.684]	40.64 [1.600]	16	30	34	2-146220-6
	4	4,8,12, 16,20,24	4,8,12, 16,20,24		68.17 [2.684]	66.04 [2.600]	26	42	54	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.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.13 [0.05] 3 PLC ± - 4 PLC ± - ANGLES ± -	DIN R BROWN 07AUG00 CHK J GESFORD 07AUG00 APVD J GESFORD 07AUG00 PRODUCT SPEC APPLICATION SPEC	NAME HEADER ASSY, MOD II, B/A, DR, .100 X .100 CL, VERT, .025 SQ. POST, SELECT LOAD
MATERIAL 6	FINISH SEE TABLE	WEIGHT -	SIZE A1 CAGE CODE 00779 DRAWING NO. 146220 RESTRICTED TO
CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 2 REV Y1

TE Connectivity Ltd.