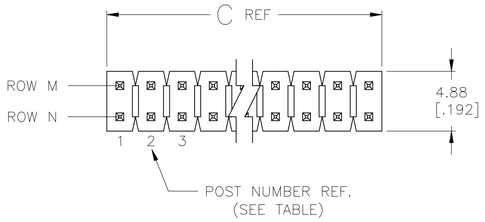
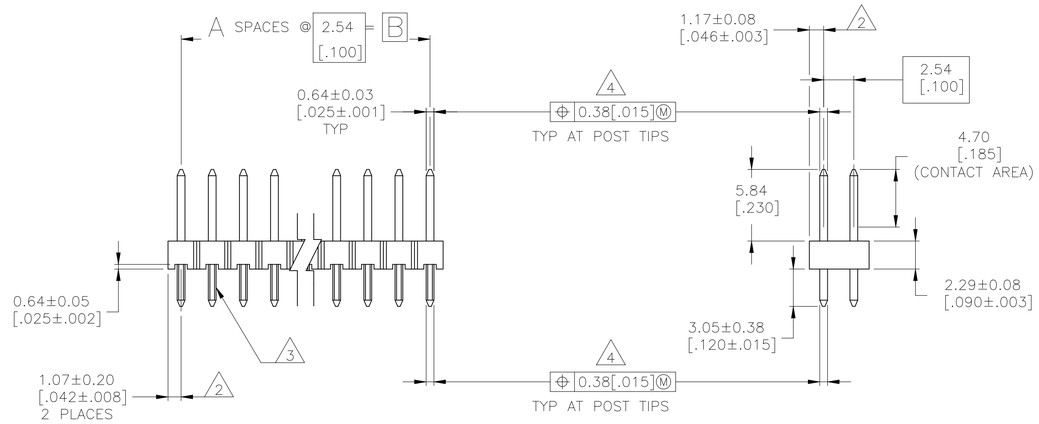
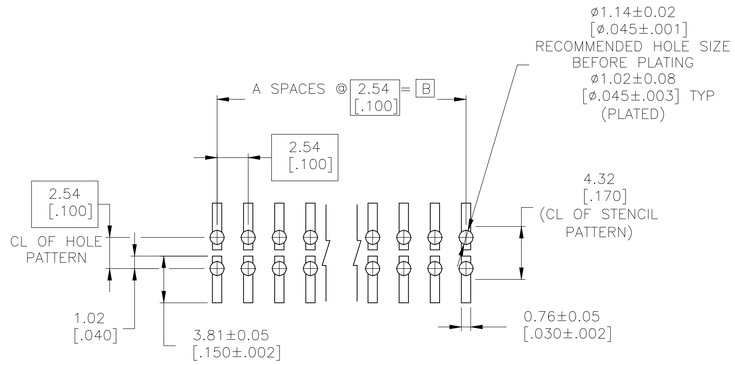
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	H1	REVISED PER ECN-23-192507	05JAN2023	RK	MF







RECOMMENDED PC BOARD MOUNTING DIMENSIONS
FOR .063[1.60] THICK PC BOARD AND
.012[.305] STENCIL THICK

	6	101.19 [3.984]	99.06 [3.900]	39	80	4-146269-0
8 OBSOLETE	6	98.65 [3.884]	96.52 [3.800]	38	78	~~3-146269-9~~
8 OBSOLETE	6	96.11 [3.784]	93.98 [3.700]	37	76	~~3-146269-8~~
8 OBSOLETE	6	93.57 [3.684]	91.44 [3.600]	36	74	~~3-146269-7~~
8 OBSOLETE	6	91.03 [3.584]	88.90 [3.500]	35	72	~~3-146269-6~~
8 OBSOLETE	6	88.49 [3.484]	86.36 [3.400]	34	70	~~3-146269-5~~
8 OBSOLETE	6	85.95 [3.384]	83.82 [3.300]	33	68	~~3-146269-4~~
8 OBSOLETE	6	83.41 [3.284]	81.28 [3.200]	32	66	~~3-146269-3~~
8 OBSOLETE	6	80.87 [3.184]	78.74 [3.100]	31	64	~~3-146269-2~~
8 OBSOLETE	6	78.33 [3.084]	76.20 [3.000]	30	62	~~3-146269-1~~
8 OBSOLETE	6	75.79 [2.984]	73.66 [2.900]	29	60	~~3-146269-0~~
8 OBSOLETE	6	73.25 [2.884]	71.12 [2.800]	28	58	~~2-146269-9~~
8 OBSOLETE	6	70.71 [2.784]	68.58 [2.700]	27	56	~~2-146269-8~~
8 OBSOLETE	6	68.17 [2.684]	66.04 [2.600]	26	54	~~2-146269-7~~
8 OBSOLETE	6	65.63 [2.584]	63.5 [2.500]	25	52	~~2-146269-6~~
8 OBSOLETE	6	63.09 [2.484]	60.96 [2.400]	24	50	~~2-146269-5~~
8 OBSOLETE	6	60.55 [2.384]	58.42 [2.300]	23	48	~~2-146269-4~~
8 OBSOLETE	6	58.01 [2.284]	55.88 [2.200]	22	46	~~2-146269-3~~
8 OBSOLETE	6	55.47 [2.184]	53.34 [2.100]	21	44	~~2-146269-2~~
8 OBSOLETE	6	52.93 [2.084]	50.80 [2.000]	20	42	~~2-146269-1~~
8 OBSOLETE	6	50.39 [1.984]	48.26 [1.900]	19	40	~~2-146269-0~~
8 OBSOLETE	6	47.85 [1.884]	45.72 [1.800]	18	38	~~1-146269-9~~
8 OBSOLETE	6	45.31 [1.784]	43.18 [1.700]	17	36	~~1-146269-8~~
8 OBSOLETE	6	42.77 [1.684]	40.64 [1.600]	16	34	~~1-146269-7~~
8 OBSOLETE	6	40.23 [1.584]	38.10 [1.500]	15	32	~~1-146269-6~~
8 OBSOLETE	6	37.69 [1.484]	35.56 [1.400]	14	30	~~1-146269-5~~
8 OBSOLETE	6	35.15 [1.384]	33.02 [1.300]	13	28	~~1-146269-4~~
8 OBSOLETE	6	32.61 [1.284]	30.48 [1.200]	12	26	~~1-146269-3~~
8 OBSOLETE	6	30.07 [1.184]	27.94 [1.100]	11	24	~~1-146269-2~~
8 OBSOLETE	6	27.53 [1.084]	25.40 [1.000]	10	22	~~1-146269-1~~
8 OBSOLETE	6	24.99 [.984]	22.86 [.900]	9	20	~~1-146269-0~~
8 OBSOLETE	6	22.45 [.884]	20.32 [.800]	8	18	~~146269-9~~
8 OBSOLETE	6	19.91 [.784]	17.78 [.700]	7	16	~~146269-8~~
8 OBSOLETE	6	17.37 [.684]	15.24 [.600]	6	14	~~146269-7~~
8 OBSOLETE	6	14.83 [.584]	12.70 [.500]	5	12	~~146269-6~~
8 OBSOLETE	6	12.29 [.484]	10.16 [.400]	4	10	~~146269-5~~
8 OBSOLETE	6	9.75 [.384]	7.62 [.300]	3	8	~~146269-4~~
8 OBSOLETE	6	7.21 [.284]	5.08 [.200]	2	6	~~146269-3~~
8 OBSOLETE	6	4.67 [.184]	2.54 [.100]	1	4	~~146269-2~~
8 SUPSD BY 5-146269-1	6	2.13 [.084]	[–]	–	2	~~146269-1~~
	FINISH	C	B	A	NO. OF POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.51[.02]
3 PLC ± 0.127[.005]
4 PLC ± 0.0127[.0005]
ANGLES ± –

MATERIAL 5

FINISH SEE TABLE

DWN T. HOFFMAN 08MAY95
CHK G. DUBNICZKI 04MAR96
APVD G. DUBNICZKI 04MAR96
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity Ltd.

NAME HDR ASSY, MOD II, B/A, DR .100 X.100 CL, VERT, W/RET FEATURE, .025 SQ. PST, HT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-146269	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV H1

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

1. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.

△2 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING.

△3 RETENTION FEATURES ON SOLDER TAILS, LOCATED AT MANUFACTURERS OPTION.

△4 ⌖ 0.51[.020] Ⓜ FOR KINKED TAILS.

△5 HOUSING: LCP, COLOR–BLACK.
POST: COPPER ALLOY.

△6 0.000762[.000030] GOLD IN CONTACT AREA.
0.00254–0.00508 [.0000100–.0000200] MATTE TIN–LEAD ON SOLDER TAIL,
ALL OVER 0.00127 [.000050] NICKEL.

△7 0.000762[.000030] GOLD IN CONTACT AREA.
0.00254–0.00508 [.0000100–.0000200] MATTE TIN ON SOLDER TAIL,
ALL OVER 0.00127 [.000050] NICKEL.

△8 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

		△7	101.19 [3.984]	99.06 [3.900]	39	80	9–146269–0
△8	OBSOLETE	△7	98.65 [3.884]	96.52 [3.800]	38	78	~~8–146269–9~~
△8	OBSOLETE	△7	96.11 [3.784]	93.98 [3.700]	37	76	~~8–146269–8~~
△8	OBSOLETE	△7	93.57 [3.684]	91.44 [3.600]	36	74	~~8–146269–7~~
△8	OBSOLETE	△7	91.03 [3.584]	88.90 [3.500]	35	72	~~8–146269–6~~
△8	OBSOLETE	△7	88.49 [3.484]	86.36 [3.400]	34	70	~~8–146269–5~~
△8	OBSOLETE	△7	85.95 [3.384]	83.82 [3.300]	33	68	~~8–146269–4~~
△8	OBSOLETE	△7	83.41 [3.284]	81.28 [3.200]	32	66	~~8–146269–3~~
△8	OBSOLETE	△7	80.87 [3.184]	78.74 [3.100]	31	64	~~8–146269–2~~
△8	OBSOLETE	△7	78.33 [3.084]	76.20 [3.000]	30	62	~~8–146269–1~~
△8	OBSOLETE	△7	75.79 [2.984]	73.66 [2.900]	29	60	~~8–146269–0~~
△8	OBSOLETE	△7	73.25 [2.884]	71.12 [2.800]	28	58	~~7–146269–9~~
△8	OBSOLETE	△7	70.71 [2.784]	68.58 [2.700]	27	56	~~7–146269–8~~
△8	OBSOLETE	△7	68.17 [2.684]	66.04 [2.600]	26	54	~~7–146269–7~~
△8	OBSOLETE	△7	65.63 [2.584]	63.5 [2.500]	25	52	~~7–146269–6~~
△8	OBSOLETE	△7	63.09 [2.484]	60.96 [2.400]	24	50	~~7–146269–5~~
△8	OBSOLETE	△7	60.55 [2.384]	58.42 [2.300]	23	48	~~7–146269–4~~
△8	OBSOLETE	△7	58.01 [2.284]	55.88 [2.200]	22	46	~~7–146269–3~~
△8	OBSOLETE	△7	55.47 [2.184]	53.34 [2.100]	21	44	~~7–146269–2~~
△8	OBSOLETE	△7	52.93 [2.084]	50.80 [2.000]	20	42	~~7–146269–1~~
		△7	50.39 [1.984]	48.26 [1.900]	19	40	7–146269–0
		△7	47.85 [1.884]	45.72 [1.800]	18	38	6–146269–9
		△7	45.31 [1.784]	43.18 [1.700]	17	36	6–146269–8
		△7	42.77 [1.684]	40.64 [1.600]	16	34	6–146269–7
		△7	40.23 [1.584]	38.10 [1.500]	15	32	6–146269–6
		△7	37.69 [1.484]	35.56 [1.400]	14	30	6–146269–5
		△7	35.15 [1.384]	33.02 [1.300]	13	28	6–146269–4
		△7	32.61 [1.284]	30.48 [1.200]	12	26	6–146269–3
		△7	30.07 [1.184]	27.94 [1.100]	11	24	6–146269–2
		△7	27.53 [1.084]	25.40 [1.000]	10	22	6–146269–1
		△7	24.99 [.984]	22.86 [.900]	9	20	6–146269–0
		△7	22.45 [.884]	20.32 [.800]	8	18	5–146269–9
		△7	19.91 [.784]	17.78 [.700]	7	16	5–146269–8
		△7	17.37 [.684]	15.24 [.600]	6	14	5–146269–7
		△7	14.83 [.584]	12.70 [.500]	5	12	5–146269–6
		△7	12.29 [.484]	10.16 [.400]	4	10	5–146269–5
		△7	9.75 [.384]	7.62 [.300]	3	8	5–146269–4
		△7	7.21 [.284]	5.08 [.200]	2	6	5–146269–3
△8	OBSOLETE	△7	4.67 [.184]	2.54 [.100]	1	4	~~5–146269–2~~
		△7	2.13 [.084]	– [–]	–	2	5–146269–1
			FINISH	C	B	A	NO. OF POSITIONS	LEAD FREE PART NO.S

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.51[.02]
3 PLC ± 0.127[.005]
4 PLC ± 0.0127[.0005]
ANGLES ±°

MATERIAL △5

FINISH SEE TABLE

DWN T. HOFFMAN 08MAY95
CHK G. DUBNICZKI 04MAR96
APVD G. DUBNICZKI 04MAR96
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity Ltd.

NAME HEADER ASSEMBLY, MOD II , BREAKAWAY, DOUBLE ROW, .100 X.100 CL, VERTICAL, WITH RETENTION FEATURE, .025 SQ. POSTS, HIGH TEMPERATURE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-146269 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 2 | REV H1