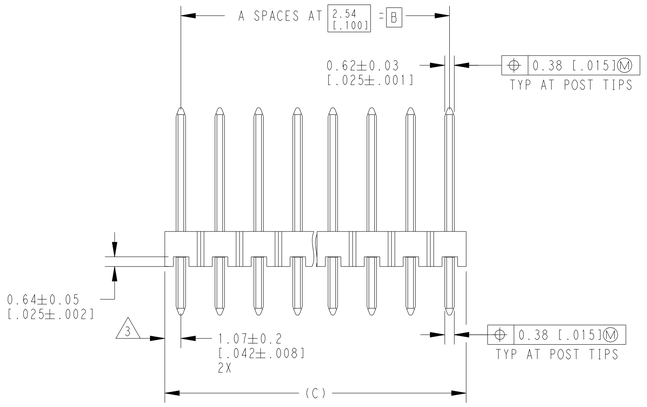
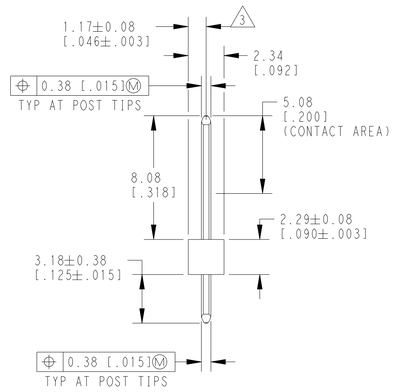
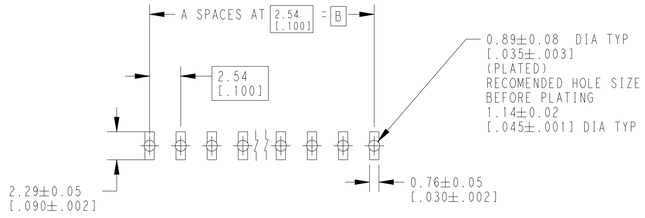
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	H2	REVISED PER ECN-23-194767	16JUN2023	RK	MF
	J	PLATING PLATING OPTIMIZATION (Au TO PdNi+Au FLASH)	14JUL2025	RS	GVP







RECOMMENDED PC BOARD MOUNTING DIMENSIONS
FOR 1.60[.063] THICK PC BOARD AND
0.305[.012] STENCIL THICK

	6	101.19 [3.984]	99.06 [3.900]	39	40	9-146277-0
	6	98.65 [3.884]	96.52 [3.800]	38	39	8-146277-9
	6	96.11 [3.784]	93.98 [3.700]	37	38	8-146277-8
	6	93.57 [3.684]	91.44 [3.600]	36	37	8-146277-7
	6	91.03 [3.584]	88.90 [3.500]	35	36	8-146277-6
	6	88.49 [3.484]	86.36 [3.400]	34	35	8-146277-5
	6	85.95 [3.384]	83.82 [3.300]	33	34	8-146277-4
	6	83.41 [3.284]	81.28 [3.200]	32	33	8-146277-3
	6	80.87 [3.184]	78.74 [3.100]	31	32	8-146277-2
	6	78.33 [3.084]	76.20 [3.000]	30	31	8-146277-1
	6	75.79 [2.984]	73.66 [2.900]	29	30	8-146277-0
	6	73.25 [2.884]	71.12 [2.800]	28	29	7-146277-9
	6	70.71 [2.784]	68.58 [2.700]	27	28	7-146277-8
	6	68.17 [2.684]	66.04 [2.600]	26	27	7-146277-7
	6	65.63 [2.584]	63.5 [2.500]	25	26	7-146277-6
	6	63.09 [2.484]	60.96 [2.400]	24	25	7-146277-5
	6	60.55 [2.384]	58.42 [2.300]	23	24	7-146277-4
	6	58.01 [2.284]	55.88 [2.200]	22	23	7-146277-3
	6	55.47 [2.184]	53.34 [2.100]	21	22	7-146277-2
	6	52.93 [2.084]	50.80 [2.000]	20	21	7-146277-1
	6	50.39 [1.984]	48.56 [1.900]	19	20	7-146277-0
	6	47.85 [1.884]	45.72 [1.800]	18	19	6-146277-9
	6	45.31 [1.784]	43.18 [1.700]	17	18	6-146277-8
	6	42.77 [1.684]	40.64 [1.600]	16	17	6-146277-7
OBSOLETE	6	40.23 [1.584]	38.10 [1.500]	15	16	~~6-146277-6~~
	6	37.69 [1.484]	35.56 [1.400]	14	15	6-146277-5
OBSOLETE	6	35.15 [1.384]	33.02 [1.300]	13	14	~~6-146277-4~~
	6	32.61 [1.284]	30.48 [1.200]	12	13	6-146277-3
OBSOLETE	6	30.07 [1.184]	27.94 [1.100]	11	12	~~6-146277-2~~
	6	27.53 [1.084]	25.40 [1.000]	10	11	6-146277-1
	6	24.99 [.984]	22.86 [.900]	9	10	6-146277-0
	6	22.45 [.884]	20.32 [.800]	8	9	5-146277-9
	6	19.91 [.784]	17.78 [.700]	7	8	5-146277-8
OBSOLETE	6	17.37 [.684]	15.24 [.600]	6	7	~~5-146277-7~~
	6	14.83 [.584]	12.70 [.500]	5	6	5-146277-6
	6	12.29 [.484]	10.16 [.400]	4	5	5-146277-5
	6	9.75 [.384]	7.62 [.300]	3	4	5-146277-4
	6	7.21 [.284]	5.08 [.200]	2	3	5-146277-3
	6	4.67 [.184]	2.54 [.100]	1	2	5-146277-2
	6	2.13 [.084]	- [-]	0	1	5-146277-1
	PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER

OBSOLETE	5	101.19 [3.984]	99.06 [3.900]	39	40	~~4-146277-0~~
7 OBSOLETE	5	98.65 [3.884]	96.52 [3.800]	38	39	3-146277-9
	5	96.11 [3.784]	93.98 [3.700]	37	38	3-146277-8
	5	93.57 [3.684]	91.44 [3.600]	36	37	3-146277-7
	5	91.03 [3.584]	88.90 [3.500]	35	36	3-146277-6
	5	88.49 [3.484]	86.36 [3.400]	34	35	3-146277-5
	5	85.95 [3.384]	83.82 [3.300]	33	34	3-146277-4
	5	83.41 [3.284]	81.28 [3.200]	32	33	3-146277-3
	5	80.87 [3.184]	78.74 [3.100]	31	32	3-146277-2
	5	78.33 [3.084]	76.20 [3.000]	30	31	3-146277-1
	5	75.79 [2.984]	73.66 [2.900]	29	30	3-146277-0
	5	73.25 [2.884]	71.12 [2.800]	28	29	2-146257-9
	5	70.71 [2.784]	68.58 [2.700]	27	28	2-146277-8
	5	68.17 [2.684]	66.04 [2.600]	26	27	2-146277-7
	5	65.63 [2.584]	63.5 [2.500]	25	26	2-146277-6
	5	63.09 [2.484]	60.96 [2.400]	24	25	2-146277-5
	5	60.55 [2.384]	58.42 [2.300]	23	24	2-146277-4
	5	58.01 [2.284]	55.88 [2.200]	22	23	2-146277-3
7 SUP BY 7-146277-2	5	55.47 [2.184]	53.34 [2.100]	21	22	2-146277-2
7 OBSOLETE	5	52.93 [2.084]	50.80 [2.000]	20	21	2-146277-1
7 SUP BY 7-146277-0	5	50.39 [1.984]	48.56 [1.900]	19	20	2-146277-0
7 OBSOLETE	5	47.85 [1.884]	45.72 [1.800]	18	19	1-146277-9
	5	45.31 [1.784]	43.18 [1.700]	17	18	1-146277-8
	5	42.77 [1.684]	40.64 [1.600]	16	17	1-146277-7
7 SUP BY 6-146277-6	5	40.23 [1.584]	38.10 [1.500]	15	16	1-146277-6
7 OBSOLETE	5	37.69 [1.484]	35.56 [1.400]	14	15	1-146277-5
7 SUP BY 6-146277-4	5	35.15 [1.384]	33.02 [1.300]	13	14	1-146277-4
7 OBSOLETE	5	32.61 [1.284]	30.48 [1.200]	12	13	1-146277-3
7 SUP BY 6-146277-2	5	30.07 [1.184]	27.94 [1.100]	11	12	1-146277-2
7 OBSOLETE	5	27.53 [1.084]	25.40 [1.000]	10	11	1-146277-1
7 SUP BY 6-146277-0	5	24.99 [.984]	22.86 [.900]	9	10	1-146277-0
7 OBSOLETE	5	22.45 [.884]	20.32 [.800]	8	9	146277-9
7 SUP BY 5-146277-8	5	19.91 [.784]	17.78 [.700]	7	8	146277-8
7 SUP BY 5-146277-7	5	17.37 [.684]	15.24 [.600]	6	7	146277-7
7 SUP BY 5-146277-6	5	14.83 [.584]	12.70 [.500]	5	6	146277-6
7 SUP BY 5-146277-5	5	12.29 [.484]	10.16 [.400]	4	5	146277-5
7 SUP BY 5-146277-4	5	9.75 [.384]	7.62 [.300]	3	4	146277-4
7 SUP BY 5-146277-3	5	7.21 [.284]	5.08 [.200]	2	3	146277-3
7 SUP BY 5-146277-2	5	4.67 [.184]	2.54 [.100]	1	2	146277-2
7 SUP BY 5-146277-1	5	2.13 [.084]	- [-]	0	1	146277-1
	PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER

1 ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS.

2 TRUE POSITION TOLERANCE OF THE POST TIPS APPUES WHEN THE HEADERS ARE HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.

3 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING

4 MATERIAL:HOUSING - LCP, COLOR-BLACK.
POSTN - COPPER ALLOY

5 0.00076 [.000030] GOLD IN CONTACT AREA,
0.00254-0.00508 [.000100 -.000200] MATTE TIN-LEAD ON SOLDER TAIL,
ALL OVER 0.00127 [.000050] NICKEL.

6 0.00066 [.000026] PdNi + 0.0001 [.000004] Au FLASH IN CONTACT AREA,
0.00254-0.00508 [.000100 -.000200] MATTE TIN ON SOLDER TAIL,
ALL OVER 0.00127 [.000050] NICKEL.

7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

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 4

FINISH SEE TABLE

DWN	T. HOFFMAN	6/20/95
CHK	G. DUBNICZKI	1/5/96
APVD	G. DUBNICZKI	1/5/96
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

TE Connectivity

NAME: HEADER ASSEMBLY, MOD II , BREAKWAY, SINGLE ROW, HIGH TEMP, VERTICAL W/.025 SQ POSTS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-146277	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV J