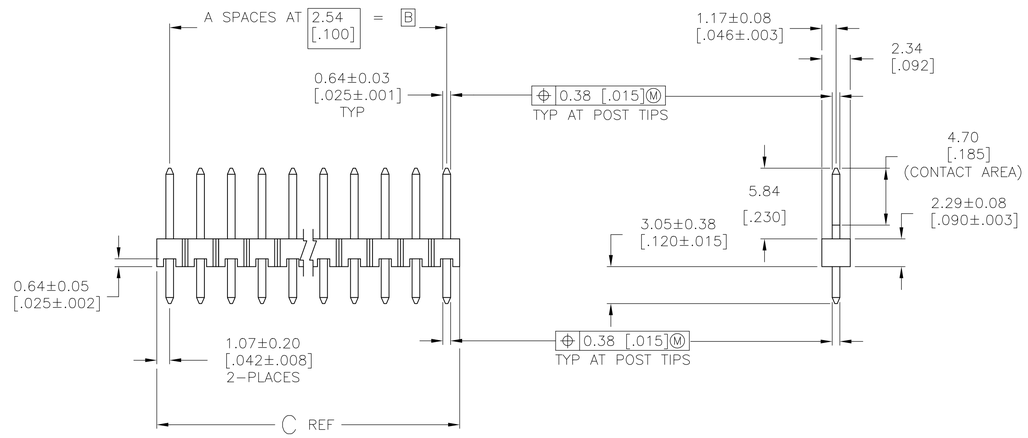
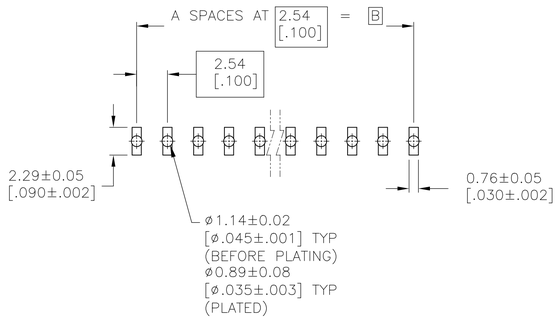
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION - ,- .
© COPYRIGHT - By - ALL RIGHTS RESERVED.

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H1	REVISED PER ECO-16-012733	31AUG2016	NK	MM
	H2	REVISED PER ECO-18-008365	30MAY2018	RS	MM





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

1. ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS.
2. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS ARE HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.
3. 0.000381 [.000015] GOLD IN CONTACT AREA, 0.00254-0.00508 [.0000100-.0000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.
4. MATERIAL: HOUSING - LCP, COLOR: BLACK. POSTS - COPPER ALLOY.
5. 0.000381 [.000015] GOLD IN CONTACT AREA, 0.00254-0.00508 [.0000100-.0000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.
6. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.

PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
5	101.19 [3.984]	99.06 [3.900]	39	40	9-146280-0
5	98.65 [3.884]	96.52 [3.800]	38	39	6 ~~8-146280-9~~
5	96.11 [3.784]	93.98 [3.700]	37	38	6 ~~8-146280-8~~
5	93.57 [3.684]	91.44 [3.600]	36	37	6 ~~8-146280-7~~
5	91.03 [3.584]	88.90 [3.500]	35	36	8-146280-6
5	88.49 [3.484]	86.36 [3.400]	34	35	6 ~~8-146280-5~~
5	85.95 [3.384]	83.82 [3.300]	33	34	6 ~~8-146280-4~~
5	83.41 [3.284]	81.28 [3.200]	32	33	6 ~~8-146280-3~~
5	80.87 [3.184]	78.74 [3.100]	31	32	6 ~~8-146280-2~~
5	78.33 [3.084]	76.20 [3.000]	30	31	6 ~~8-146280-1~~
5	75.79 [2.984]	73.66 [2.900]	29	30	8-146280-0
5	73.25 [2.884]	71.12 [2.800]	28	29	6 ~~7-146280-9~~
5	70.71 [2.784]	68.58 [2.700]	27	28	6 ~~7-146280-8~~
5	68.17 [2.684]	66.04 [2.600]	26	27	6 ~~7-146280-7~~
5	65.63 [2.584]	63.5 [2.500]	25	26	7-146280-6
5	63.09 [2.484]	60.96 [2.400]	24	25	6 ~~7-146280-5~~
5	60.55 [2.384]	58.42 [2.300]	23	24	6 ~~7-146280-4~~
5	58.01 [2.284]	55.88 [2.200]	22	23	6 ~~7-146280-3~~
5	55.47 [2.184]	53.34 [2.100]	21	22	6 ~~7-146280-2~~
5	52.93 [2.084]	50.80 [2.000]	20	21	6 ~~7-146280-1~~
5	50.39 [1.984]	48.26 [1.900]	19	20	6 ~~7-146280-0~~
5	47.85 [1.884]	45.72 [1.800]	18	19	6 ~~6-146280-9~~
5	45.31 [1.784]	43.18 [1.700]	17	18	6 ~~6-146280-8~~
5	42.77 [1.684]	40.64 [1.600]	16	17	6 ~~6-146280-7~~
5	40.23 [1.584]	38.10 [1.500]	15	16	6 ~~6-146280-6~~
5	37.69 [1.484]	35.56 [1.400]	14	15	6-146280-5
5	35.15 [1.384]	33.02 [1.300]	13	14	6-146280-4
5	32.61 [1.284]	30.48 [1.200]	12	13	6 ~~6-146280-3~~
5	30.07 [1.184]	27.94 [1.100]	11	12	6-146280-2
5	27.53 [1.084]	25.40 [1.000]	10	11	6-146280-1
5	24.99 [.984]	22.86 [.900]	9	10	6-146280-0
5	22.45 [.884]	20.32 [.800]	8	9	5-146280-9
5	19.91 [.784]	17.78 [.700]	7	8	5-146280-8
5	17.37 [.684]	15.24 [.600]	6	7	5-146280-7
5	14.83 [.584]	12.70 [.500]	5	6	5-146280-6
5	12.29 [.484]	10.16 [.400]	4	5	5-146280-5
5	9.75 [.384]	7.62 [.300]	3	4	5-146280-4
5	7.21 [.284]	5.08 [.200]	2	3	5-146280-3
5	4.67 [.184]	2.54 [.100]	1	2	5-146280-2
5	2.13 [.084]	- [-]	0	1	5-146280-1

PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
5	7.21 [.284]	5.08 [.200]	2	3	5-146280-3
3	101.19 [3.984]	99.06 [3.900]	39	40	4-146280-0
3	98.65 [3.884]	96.52 [3.800]	38	39	6 ~~3-146280-9~~
3	96.11 [3.784]	93.98 [3.700]	37	38	6 ~~3-146280-8~~
3	93.57 [3.684]	91.44 [3.600]	36	37	6 ~~3-146280-7~~
3	91.03 [3.584]	88.90 [3.500]	35	36	6 ~~3-146280-6~~
3	88.49 [3.484]	86.36 [3.400]	34	35	6 ~~3-146280-5~~
3	85.95 [3.384]	83.82 [3.300]	33	34	6 ~~3-146280-4~~
3	83.41 [3.284]	81.28 [3.200]	32	33	6 ~~3-146280-3~~
3	80.87 [3.184]	78.74 [3.100]	31	32	6 ~~3-146280-2~~
3	78.33 [3.084]	76.20 [3.000]	30	31	6 ~~3-146280-1~~
3	75.79 [2.984]	73.66 [2.900]	29	30	6 ~~3-146280-0~~
3	73.25 [2.884]	71.12 [2.800]	28	29	6 ~~2-146280-9~~
3	70.71 [2.784]	68.58 [2.700]	27	28	6 ~~2-146280-8~~
3	68.17 [2.684]	66.04 [2.600]	26	27	6 ~~2-146280-7~~
3	65.63 [2.584]	63.5 [2.500]	25	26	6 ~~2-146280-6~~
3	63.09 [2.484]	60.96 [2.400]	24	25	6 ~~2-146280-5~~
3	60.55 [2.384]	58.42 [2.300]	23	24	6 ~~2-146280-4~~
3	58.01 [2.284]	55.88 [2.200]	22	23	6 ~~2-146280-3~~
3	55.47 [2.184]	53.34 [2.100]	21	22	6 ~~2-146280-2~~
3	52.93 [2.084]	50.80 [2.000]	20	21	6 ~~2-146280-1~~
3	50.39 [1.984]	48.26 [1.900]	19	20	6 ~~2-146280-0~~
3	47.85 [1.884]	45.72 [1.800]	18	19	6 ~~1-146280-9~~
3	45.31 [1.784]	43.18 [1.700]	17	18	6 ~~1-146280-8~~
3	42.77 [1.684]	40.64 [1.600]	16	17	6 ~~1-146280-7~~
3	40.23 [1.584]	38.10 [1.500]	15	16	6 ~~1-146280-6~~
3	37.69 [1.484]	35.56 [1.400]	14	15	6 ~~1-146280-5~~
3	35.15 [1.384]	33.02 [1.300]	13	14	6 ~~1-146280-4~~
3	32.61 [1.284]	30.48 [1.200]	12	13	6 ~~1-146280-3~~
3	30.07 [1.184]	27.94 [1.100]	11	12	6 ~~1-146280-2~~
3	27.53 [1.084]	25.40 [1.000]	10	11	1-146280-1
3	24.99 [.984]	22.86 [.900]	9	10	6 ~~1-146280-0~~
3	22.45 [.884]	20.32 [.800]	8	9	6 ~~146280-9~~
3	19.91 [.784]	17.78 [.700]	7	8	146280-8
3	17.37 [.684]	15.24 [.600]	6	7	6 ~~146280-7~~
3	14.83 [.584]	12.70 [.500]	5	6	6 ~~146280-6~~
3	12.29 [.484]	10.16 [.400]	4	5	6 ~~146280-5~~
3	9.75 [.384]	7.62 [.300]	3	4	6 ~~146280-4~~
3	7.21 [.284]	5.08 [.200]	2	3	6 ~~146280-3~~
3	4.67 [.184]	2.54 [.100]	1	2	146280-2
3	2.13 [.084]	- [-]	0	1	6 ~~146280-1~~

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 6/12/95
CHK G. DUBNICZKI 3/18/96
APVD G. DUBNICZKI 3/18/96
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT

TE Connectivity Ltd.

NAME HDR ASSY, MOD II, BREAKAWAY, SINGLE ROW, HIGH TEM, VERTICAL W/.025 SQ POSTS, .100 ℄

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-146280 | RESTRICTED TO —

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV H2

4805 (1/15)