



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

POST NO.	DESCRIPTION	LOC	DIST	FINISH	C	B	A	NO. OF POSITIONS	PART NUMBER	
6		101.19 [3.984]	99.06 [3.900]					39	80	4-146269-0
8	OBSOLETE	98.65 [3.884]	96.52 [3.800]					38	78	3-146269-9
8	OBSOLETE	96.11 [3.784]	93.98 [3.700]					37	76	3-146269-8
8	OBSOLETE	93.57 [3.684]	91.44 [3.600]					36	74	3-146269-7
8	OBSOLETE	91.03 [3.584]	88.90 [3.500]					35	72	3-146269-6
8	OBSOLETE	88.49 [3.484]	86.36 [3.400]					34	70	3-146269-5
8	OBSOLETE	85.95 [3.384]	83.82 [3.300]					33	68	3-146269-4
8	OBSOLETE	83.41 [3.284]	81.28 [3.200]					32	66	3-146269-3
8	OBSOLETE	80.87 [3.184]	78.74 [3.100]					31	64	3-146269-2
8	OBSOLETE	78.33 [3.084]	76.20 [3.000]					30	62	3-146269-1
8	OBSOLETE	75.79 [2.984]	73.66 [2.900]					29	60	3-146269-0
8	OBSOLETE	73.25 [2.884]	71.12 [2.800]					28	58	2-146269-9
8	OBSOLETE	70.71 [2.784]	68.58 [2.700]					27	56	2-146269-8
8	OBSOLETE	68.17 [2.684]	66.04 [2.600]					26	54	2-146269-7
8	OBSOLETE	65.63 [2.584]	63.5 [2.500]					25	52	2-146269-6
8	OBSOLETE	63.09 [2.484]	60.96 [2.400]					24	50	2-146269-5
8	OBSOLETE	60.55 [2.384]	58.42 [2.300]					23	48	2-146269-4
8	OBSOLETE	58.01 [2.284]	55.88 [2.200]					22	46	2-146269-3
8	OBSOLETE	55.47 [2.184]	53.34 [2.100]					21	44	2-146269-2
8	OBSOLETE	52.93 [2.084]	50.80 [2.000]					20	42	2-146269-1
8	OBSOLETE	50.39 [1.984]	48.26 [1.900]					19	40	2-146269-0
8	OBSOLETE	47.85 [1.884]	45.72 [1.800]					18	38	1-146269-9
8	OBSOLETE	45.31 [1.784]	43.18 [1.700]					17	36	1-146269-8
8	OBSOLETE	42.77 [1.684]	40.64 [1.600]					16	34	1-146269-7
8	OBSOLETE	40.23 [1.584]	38.10 [1.500]					15	32	1-146269-6
8	OBSOLETE	37.69 [1.484]	35.56 [1.400]					14	30	1-146269-5
8	OBSOLETE	35.15 [1.384]	33.02 [1.300]					13	28	1-146269-4
8	OBSOLETE	32.61 [1.284]	30.48 [1.200]					12	26	1-146269-3
8	OBSOLETE	30.07 [1.184]	27.94 [1.100]					11	24	1-146269-2
8	OBSOLETE	27.53 [1.084]	25.40 [1.000]					10	22	1-146269-1
8	OBSOLETE	24.99 [0.984]	22.86 [0.900]					9	20	1-146269-0
8	OBSOLETE	22.45 [0.884]	20.32 [0.800]					8	18	146269-9
8	OBSOLETE	19.91 [0.784]	17.78 [0.700]					7	16	146269-8
8	OBSOLETE	17.37 [0.684]	15.24 [0.600]					6	14	146269-7
8	OBSOLETE	14.83 [0.584]	12.70 [0.500]					5	12	146269-6
8	OBSOLETE	12.29 [0.484]	10.16 [0.400]					4	10	146269-5
8	OBSOLETE	9.75 [0.384]	7.62 [0.300]					3	8	146269-4
8	OBSOLETE	7.21 [0.284]	5.08 [0.200]					2	6	146269-3
8	OBSOLETE	4.67 [0.184]	2.54 [0.100]					1	4	146269-2
8	SUPSD BY 5-146269-1	2.13 [0.084]	[ - ]					-	2	146269-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PL	±	-
1 PL	±	-
2 PL	±	0.51[.02]
3 PL	±	0.127[.005]
4 PL	±	0.0127[.0005]

ANGLES: ±

MATERIAL: 5

FINISH: SEE TABLE

WEIGHT: -

CUSTOMER DRAWING

DIN T. HOFFMAN DBMAY95

CHK G. DUBNICZKI 04MAR96

APVD G. DUBNICZKI 04MAR96

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

APPLICATION SPEC

SIZE: A1

SCALE: 4:1

SHEET: 1 OF 2

REV: H

STE TE Connectivity

00779C=146269

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.  $\text{⌀} 0.51 [0.020]$  FOR KINKED TAILS.
5. HOUSING: LCP, COLOR-BLACK.  
POST: COPPER ALLOY.
6. 0.000762 [0.00030] GOLD IN CONTACT AREA.  
0.00254-0.00508 [0.000100-0.000200] MATTE TIN-LEAD ON SOLDER TAIL,  
ALL OVER 0.00127 [0.00050] NICKEL.
7. 0.000762 [0.00030] GOLD IN CONTACT AREA.  
0.00254-0.00508 [0.000100-0.000200] MATTE TIN ON SOLDER TAIL,  
ALL OVER 0.00127 [0.00050] 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
8	OBSOLETE	7	47.85 [1.884]	45.72 [1.800]	18	38	6-146269-9
8	OBSOLETE	7	45.31 [1.784]	43.18 [1.700]	17	36	6-146269-8
8	OBSOLETE	7	42.77 [1.684]	40.64 [1.600]	16	34	6-146269-7
8	OBSOLETE	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
8	OBSOLETE	7	35.15 [1.384]	33.02 [1.300]	13	28	6-146269-4
8	OBSOLETE	7	32.61 [1.284]	30.48 [1.200]	12	26	6-146269-3
8	OBSOLETE	7	30.07 [1.184]	27.94 [1.100]	11	24	6-146269-2
8	OBSOLETE	7	27.53 [1.084]	25.40 [1.000]	10	22	6-146269-1
		7	24.99 [0.984]	22.86 [0.900]	9	20	6-146269-0
8	OBSOLETE	7	22.45 [0.884]	20.32 [0.800]	8	18	5-146269-9
		7	19.91 [0.784]	17.78 [0.700]	7	16	5-146269-8
		7	17.37 [0.684]	15.24 [0.600]	6	14	5-146269-7
		7	14.83 [0.584]	12.70 [0.500]	5	12	5-146269-6
		7	12.29 [0.484]	10.16 [0.400]	4	10	5-146269-5
		7	9.75 [0.384]	7.62 [0.300]	3	8	5-146269-4
		7	7.21 [0.284]	5.08 [0.200]	2	6	5-146269-3
8	OBSOLETE	7	4.67 [0.184]	2.54 [0.100]	1	4	5-146269-2
		7	2.13 [0.084]	-	-	2	5-146269-1
	FINISH		C	B	A	NO. OF POSITIONS	LEAD FREE PART NO.S

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN T. HOFFMAN DBMAY95		TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:			
0. PLC ± - 1. PLC ± - 2. PLC ± 0.51[0.02] 3. PLC ± 0.127[0.005] 4. PLC ± 0.0127[0.0005] ANGLES ±		CJK G. DUBNICZKI 04MAR96 APVD G. DUBNICZKI 04MAR96 PRODUCT SPEC APPLICATION SPEC		NAME: HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, .100 X.100 CL, VERTICAL, WITH RETENTION FEATURE, .025 SQ. POSTS, HIGH TEMPERATURE SIZE: A1 CASE CODE: 00779 DRAWING NO: 146269	
MATERIAL: 5		FINISH: SEE TABLE		WEIGHT: - CUSTOMER DRAWING: A100779C=146269 SCALE: 1:1 SHEET 2 OF 2 REV H	

# Mouser Electronics

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[TE Connectivity:](#)

[9-146269-0](#)