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

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

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

4 POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA,
0.00254-0.00508[.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL,
ALL OVER 0.00127[.000050] NICKEL.

5 HOUSING: LCP, COLOR-BLACK.

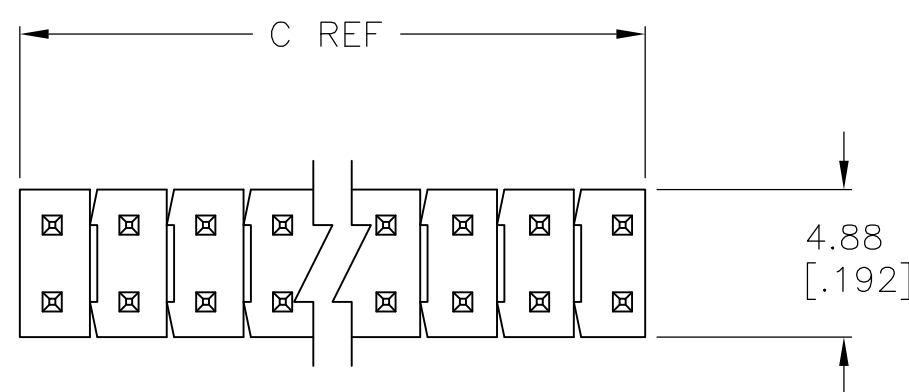
6 POST: COPPER ALLOY.

 PARTS PACKAGED IN TUBES.

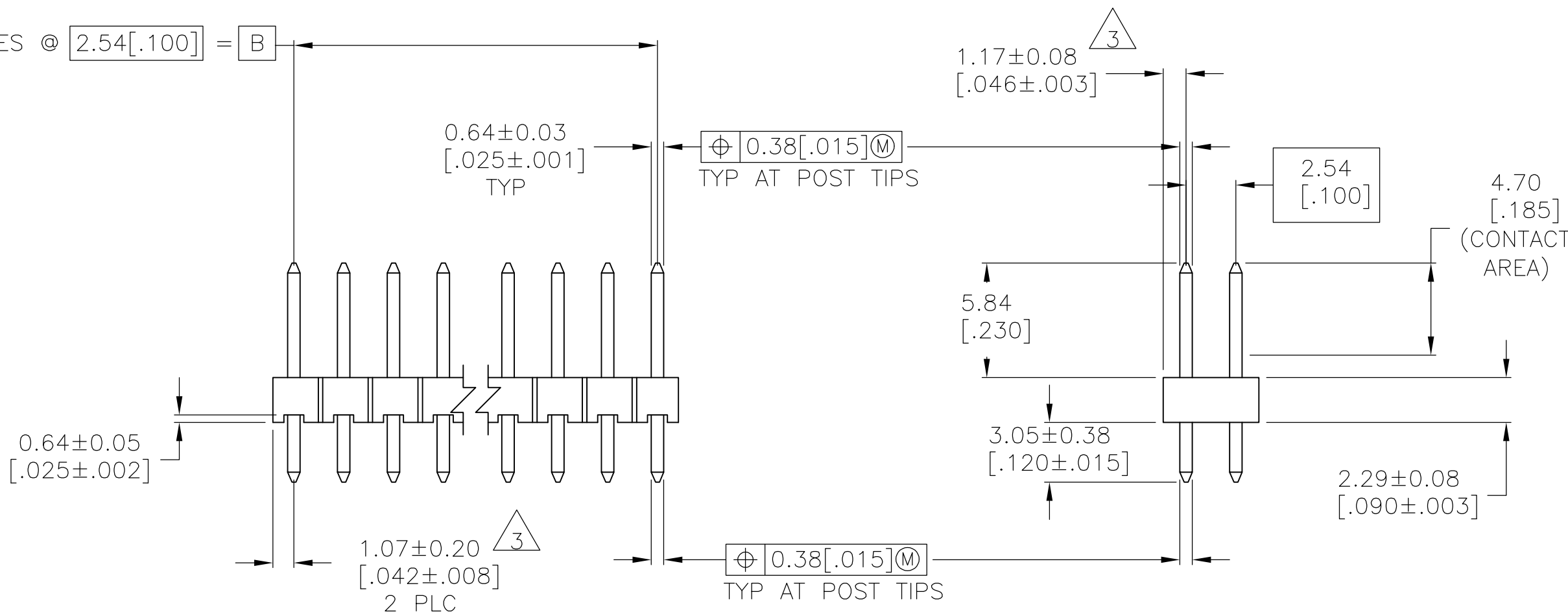
⑧ POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA,
0.00254-0.00508[.000100-.000200] MATTE TIN ON SOLDERTAIL,
ALL OVER 0.00127[.000050] NICKEL.

9 PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.

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



A SPACES @ 2.54[.100] = B



0.38[.015] (M)
TYP AT POST TIPS

$$1.17 \pm 0.08 \quad \angle$$

$$[.046 \pm .003]$$

TIPS

4.70
[.185]
(CONTACT
AREA)

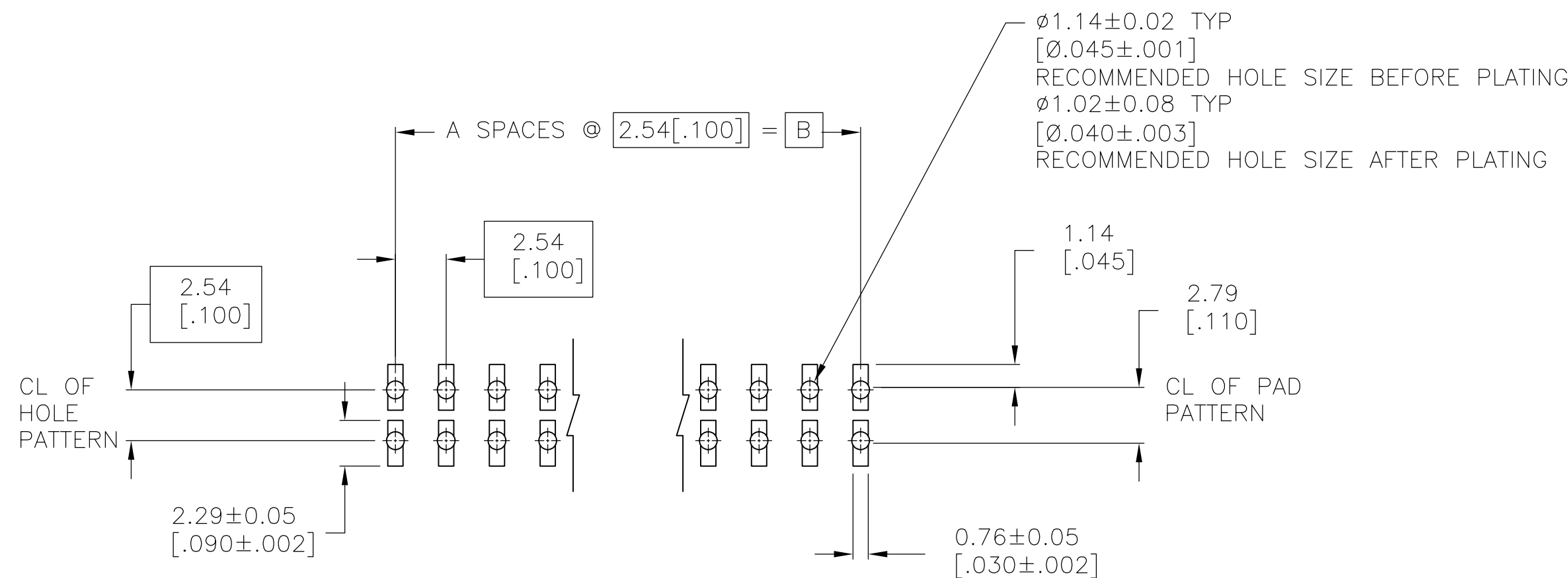
5.84
[.230]

$$3.05 \pm 0.38$$

$$[.120 \pm .01]$$
$$2.29 \pm 0.08$$
$$1.07 \pm 0.20 \quad \angle 3$$

$$[.042 \pm .008]$$

TYP AT POST TI



— $\phi 1.14 \pm 0.02$ TYP
 $[\phi 0.45 \pm 0.01]$
 RECOMMENDED HOLE SIZE BEFORE PLATING
 $\phi 1.02 \pm 0.08$ TYP
 $[\phi 0.40 \pm 0.03]$
 RECOMMENDED HOLE SIZE AFTER PLATING

RECOMMENDED HOLE SIZE BEFORE TIGHTENING
Ø1.02±0.08 TYP

RECOMMENDED HOLE SIZE AFTER PLATING

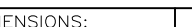
$$0.76 \pm 0.05$$

$$[.030 \pm .002]$$

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

	101.19 [3.984]	99.06 [3.900]	39	80	9-146257-0
	98.65 [3.884]	96.52 [3.800]	38	78	 -8-146257-9
	96.11 [3.784]	93.98 [3.700]	37	76	 -8-146257-8
	93.57 [3.684]	91.44 [3.600]	36	74	 -8-146257-7
	91.03 [3.584]	88.90 [3.500]	35	72	8-146257-6
	88.49 [3.484]	86.36 [3.400]	34	70	8-146257-5
	85.95 [3.384]	83.82 [3.300]	33	68	8-146257-4
	83.41 [3.284]	81.28 [3.200]	32	66	 -8-146257-3
	80.87 [3.184]	78.74 [3.100]	31	64	 -8-146257-2
	78.33 [3.084]	76.20 [3.000]	30	62	 -8-146257-1
	75.79 [2.984]	73.66 [2.900]	29	60	8-146257-0
	73.25 [2.884]	71.12 [2.800]	28	58	 -7-146257-9
	70.71 [2.784]	68.58 [2.700]	27	56	 -7-146257-8
	68.17 [2.684]	66.04 [2.600]	26	54	 -7-146257-7
	65.63 [2.584]	63.5 [2.500]	25	52	 -7-146257-6
	63.09 [2.484]	60.96 [2.400]	24	50	7-146257-5
	60.55 [2.384]	58.42 [2.300]	23	48	 -7-146257-4
	58.01 [2.284]	55.88 [2.200]	22	46	 -7-146257-3
	55.47 [2.184]	53.34 [2.100]	21	44	7-146257-2
	52.93 [2.084]	50.80 [2.000]	20	42	 -7-146257-1
	50.39 [1.984]	48.26 [1.900]	19	40	 -7-146257-0
	47.85 [1.884]	45.72 [1.800]	18	38	6-146257-9
	45.31 [1.784]	43.18 [1.700]	17	36	 -6-146257-8
	42.77 [1.684]	40.64 [1.600]	16	34	6-146257-7
	40.23 [1.584]	38.10 [1.500]	15	32	 -6-146257-6
	37.69 [1.484]	35.56 [1.400]	14	30	6-146257-5
	35.15 [1.384]	33.02 [1.300]	13	28	 -6-146257-4
	32.61 [1.284]	30.48 [1.200]	12	26	6-146257-3
	30.07 [1.184]	27.94 [1.100]	11	24	6-146257-2
	27.53 [1.084]	25.40 [1.000]	10	22	6-146257-1
	24.99 [.984]	22.86 [.900]	9	20	6-146257-0
	22.45 [.884]	20.32 [.800]	8	18	 -5-146257-9
	19.91 [.784]	17.78 [.700]	7	16	5-146257-8
	17.37 [.684]	15.24 [.600]	6	14	5-146257-7
	14.8				

9		17.37 [.684]	15.24 [.600]	6	14	4-146257-6
		9.75 [.384]	7.62 [.300]	3	8	4-146257-5
		7.21 [.284]	5.08 [.200]	2	6	4-146257-4
OBSELETE		24.99 [.984]	22.86 [.900]	9	20	4-146257-3
		75.79 [2.984]	73.66 [2.900]	29	60	4-146257-2
		17.37 [.684]	15.24 [.600]	6	14	4-146257-1
		101.19 [3.984]	99.06 [3.900]	39	80	4-146257-0
		98.65 [3.884]	96.52 [3.800]	38	78	3-146257-9
		96.11 [3.784]	93.98 [3.700]	37	76	3-146257-8
		93.57 [3.684]	91.44 [3.600]	36	74	3-146257-7
		91.03 [3.584]	88.90 [3.500]	35	72	3-146257-6
		88.49 [3.484]	86.36 [3.400]	34	70	3-146257-5
		85.95 [3.384]	83.82 [3.300]	33	68	3-146257-4
		83.41 [3.284]	81.28 [3.200]	32	66	3-146257-3
		80.87 [3.184]	78.74 [3.100]	31	64	3-146257-2
		78.33 [3.084]	76.20 [3.000]	30	62	3-146257-1
		75.79 [2.984]	73.66 [2.900]	29	60	3-146257-0
		73.25 [2.884]	71.12 [2.800]	28	58	2-146257-9
		70.71 [2.784]	68.58 [2.700]	27	56	2-146257-8
		68.17 [2.684]	66.04 [2.600]	26	54	2-146257-7
		65.63 [2.584]	63.5 [2.500]	25	52	2-146257-6
		63.09 [2.484]	60.96 [2.400]	24	50	2-146257-5
		60.55 [2.384]	58.42 [2.300]	23	48	2-146257-4
		58.01 [2.284]	55.88 [2.200]	22	46	2-146257-3
		55.47 [2.184]	53.34 [2.100]	21	44	2-146257-2
		52.93 [2.084]	50.80 [2.000]	20	42	2-146257-1
		50.39 [1.984]	48.26 [1.900]	19	40	2-146257-0
		47.85 [1.884]	45.72 [1.800]	18	38	1-146257-9
		45.31 [1.784]	43.18 [1.700]	17	36	1-146257-8
		42.77 [1.684]	40.64 [1.600]	16	34	1-146257-7
		40.23 [1.584]	38.10 [1.500]	15	32	1-146257-6
		37.69 [1.484]	35.56 [1.400]	14	30	1-146257-5
		35.15 [1.384]	33.02 [1.300]	13	28	1-146257-4
		32.61 [1.284]	30.48 [1.200]	12	26	1-146257-3
		30.07 [1.184]	27.94 [1.100]	11	24	1-146257-2
		27.53 [1.084]	25.40 [1.000]	10	22	1-146257-1
		24.99 [.984]	22.86 [.900]	9	20	1-146257-0
		22.45 [.884]	20.32 [.800]	8	18	—146257-9
		19.91 [.784]	17.78 [.700]	7	16	146257-8
		17.37 [.684]	15.24 [.600]</			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 19/JAN/05 CHK CHK 19/JAN/05 DESIGNED J GEFORD 19/JAN/05		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		PRODUCT SPEC		HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, HIGH TEMPERATURE	
		APPLICATION SPEC			
		WEIGHT			
MATERIAL		FINISH		SIZE A1 GAGE CODE 00779 DRAWING NO C-146257	RESTRICTED TO —
		SEE TABLE		SCALE 4:1 SHEET 1 of 1 REV N	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2-146257-5](#)