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LOCAD

DIST00

REVISONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
H	REVISED	PER ECO-14-000255	16JUL2014	NK	MM

ROW M

ROW N

1

2

3

C REF

4.88
[.192]

POST NUMBER REF.
(SEE TABLE)

A SPACES @ 2.54
[.100]

B

0.64±0.03
[.025±.001]

TYP

1.17±0.08
[.046±.003]

2

2.54
[.100]

4

0.38 [.015] M

TYP AT POST TIPS

5.84
[.230]

4.70
[.185]

(CONTACT AREA)

2.29±0.08
[.090±.003]

3.05±0.38
[.120±.015]

4

0.38 [.015] M

TYP AT POST TIPS

0.64±0.05
[.025±.002]

1.07±0.20
[.042±.008]

2 PLACES

2

3

A SPACES @ 2.54
[.100]

B

2.54
[.100]

CL OF HOLE PATTERN

1.02
[.040]

3.81±0.05
[.150±.002]

0.76±0.05
[.030±.002]

4.32
[.170]

(CL OF STENCIL PATTERN)

ø1.14±0.02
[ø.045±.001]

RECOMMENDED HOLE SIZE
BEFORE PLATING

ø1.02±0.08
[ø.045±.003] TYP

(PLATED)

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

8	OBSOLETE	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

SEE TABLE

DWN
T. HOFFMAN
04MAR96

CHK
G. DUBNICZKI
04MAR96

APVD
G. DUBNICZKI
04MAR96

NAME

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

SIZE

SCALE

SHEET

OF

REV

TE Connectivity

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

RESTRICTED TO

00779

146269

4:1

1

2

REV

4805 (3/11)

8

7

6

5

4

3

2

1

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LOCADIST

AD00

REVISONS

REV

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—0.0000200] 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—0.0000200] 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
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 [.984]	22.86 [.900]	9	20	6—146269—0
8	OBSOLETE	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

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DIMENSIONS:
mm [INCHES]

0 PLC ± —
1 PLC ± —
2 PLC ± 0.51[.02]
3 PLC ± 0.127[.005]
4 PLC ± 0.0127[.0005]
ANGLES ± —

SEE TABLE

DWN
T. HOFFMAN
08MAY95

CHK
G. DUBNICZKI
04MAR96

APVD
G. DUBNICZKI
04MAR96

PRODUCT SPEC

APPLICATION SPEC

WEIGHT —

SIZE
A1

CAGE CODE
00779

DRAWING NO
146269

RESTRICTED TO

—

TE Connectivity

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

CUSTOMER DRAWING

SCALE 1:1

SHEET 2 OF 2

REV H

4805 (3/11)

Mouser Electronics

Authorized Distributor

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