

D

C

B

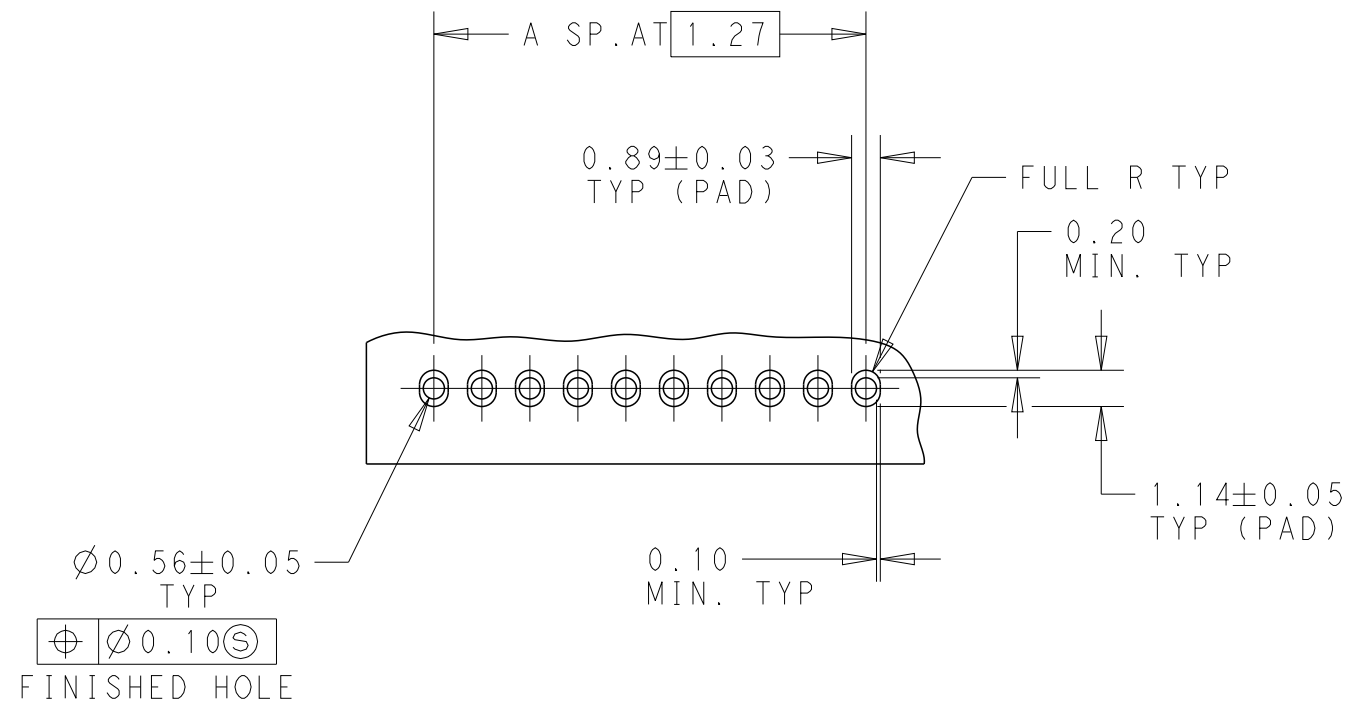
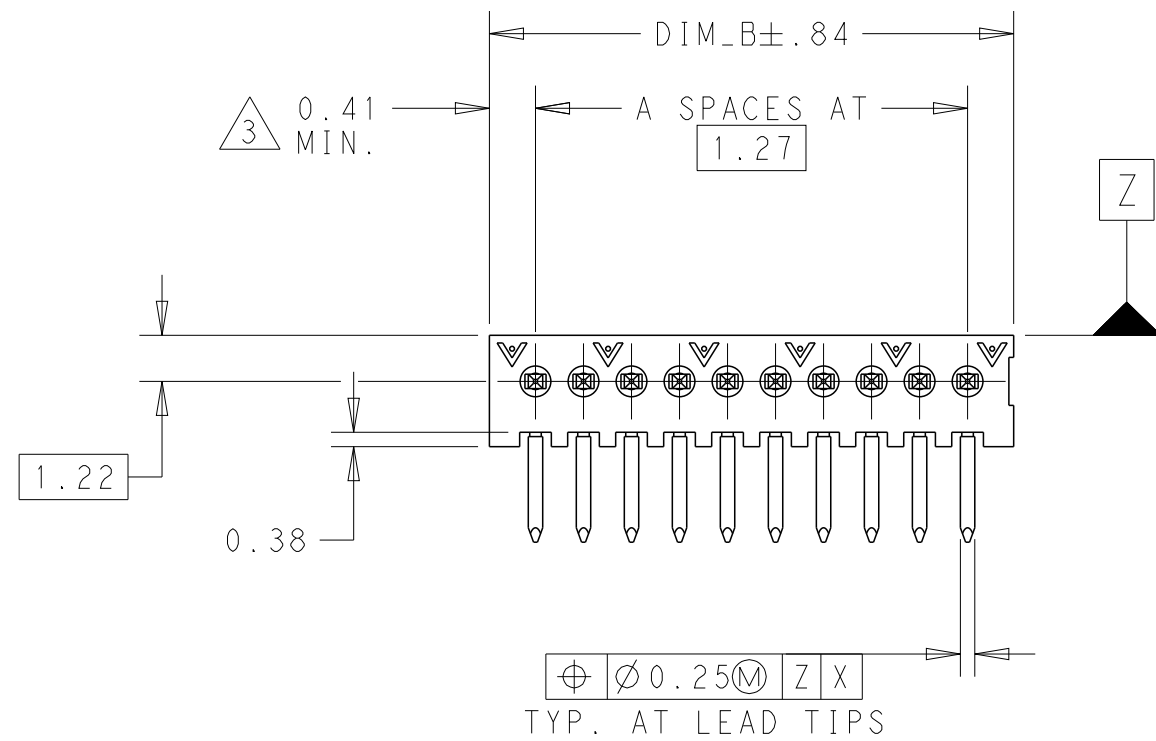
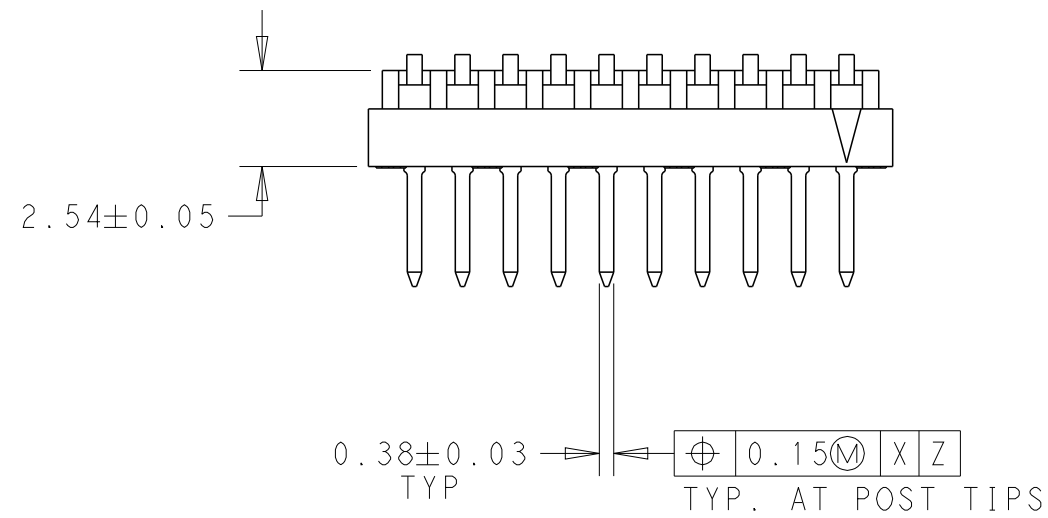
A

D

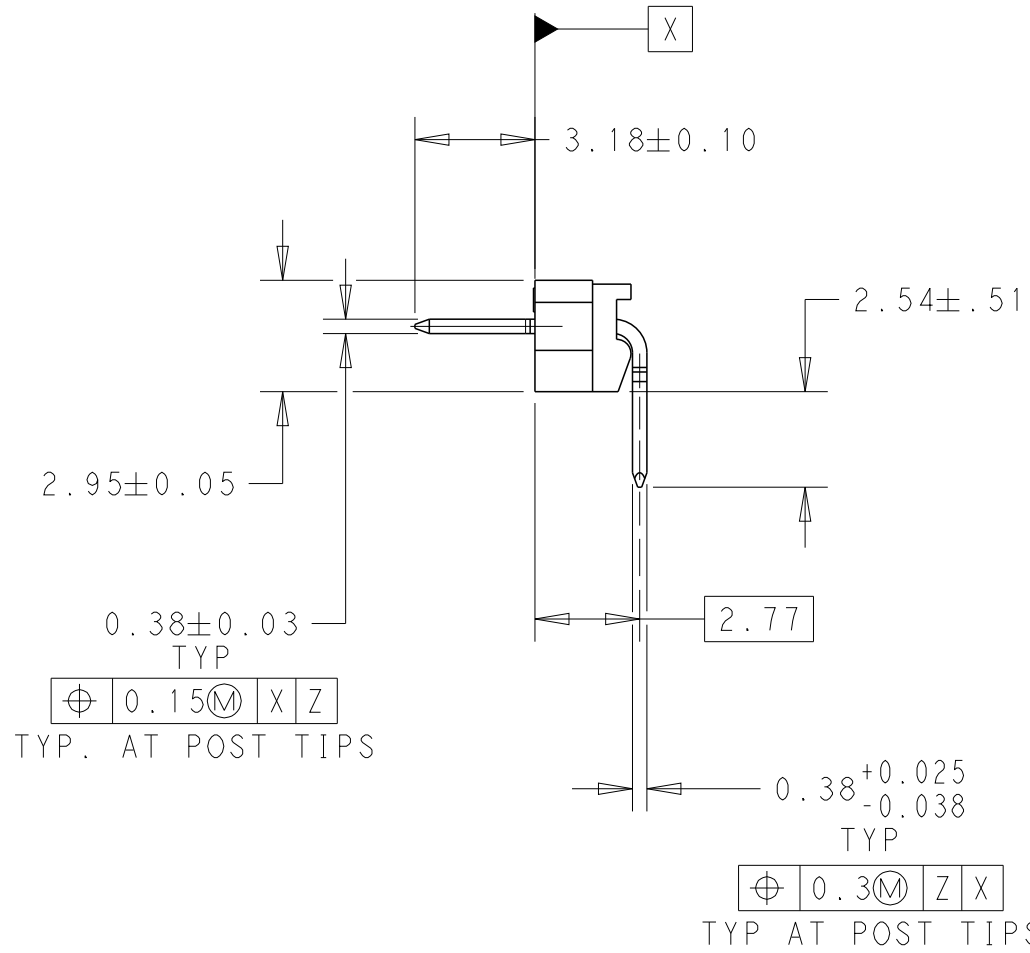
C

B

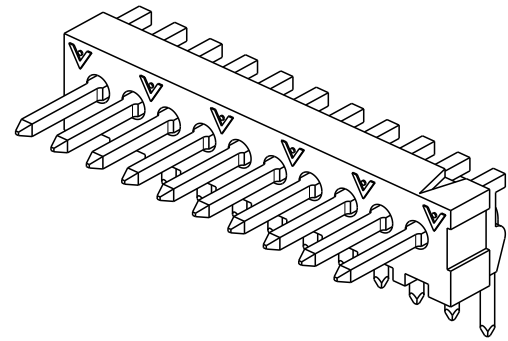
A



RECOMMENDED HOLE PATTERN
FOR MANUAL INSERTION



- 1 CONTACT AREAS PLATED WITH $0.76 \mu\text{m}$ GOLD;
SOLDER TAILS PLATED WITH $3.81 \mu\text{m}$ MIN TIN-LEAD;
ALL OVER $1.27 \mu\text{m}$ MIN NICKEL
2. NOTE DELETED
- 3 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION
OF THE POST AND HOUSING.
- 4 CONTACT AREAS PLATED WITH $0.76 \mu\text{m}$ GOLD;
SOLDER TAILS PLATED WITH $3.81 \mu\text{m}$ MIN TIN;
ALL OVER $1.27 \mu\text{m}$ MIN NICKEL
5. NOTE DELETED
- 6 FINISH: $0.03 \mu\text{m}$ MIN GOLD ON GOLD PLATED AREA,
 $3.81 \mu\text{m}$ MATTE IN TIN-LEAD ON TIN PLATED AREA.
UNDER PLATING: $1.27 \mu\text{m}$ NICKEL ON ENTIRE CONTACT.
GOLD AND TIN PLATING MAY NOT OVERLAP.
- 7 FINISH: $0.03 \mu\text{m}$ MIN GOLD ON GOLD PLATED AREA,
 $3.81 \mu\text{m}$ MATTE IN TIN ON TIN PLATED AREA. UNDER
PLATING: $1.27 \mu\text{m}$ NICKEL ON ENTIRE CONTACT
GOLD AND TIN PLATING MAY NOT OVERLAP.
8. NOTE DELETED
9. NOTE DELETED
10. NOTE DELETED
- 11 MATERIAL: HOUSING: LCP, COLOR-BLACK
CONTACT: COPPER ALLOY



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G. RAMESH CHK J. OLSON APVD J. OLSON	10NOV2017 10NOV2017 10NOV2017	 TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME HEADER ASSEMBLY, RIGHT ANGLE, UNSHROUDED, SINGLE ROW, AMPMODU System 50		RESTRICTED TO	
MATERIAL		SEE TABLE		SIZE 108-1093	CAGE CODE A200779	DRAWING NO C-104186	REV T
CUSTOMER DRAWING		SCALE 5:1		SHEET 1	OF 2		

4

3

2

1

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RELEASED FOR PUBLICATION

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BY -

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7

39.75	30	31	9-104168-0
63.88	49	50	8-104168-9
57.53	44	45	8-104168-8
51.18	39	40	8-104168-7
44.83	34	35	8-104168-6
38.48	29	30	8-104168-5
34.67	26	27	8-104168-4
32.13	24	25	8-104168-3
28.32	21	22	8-104168-2
25.78	19	20	8-104168-1
21.97	16	17	8-104168-0
19.43	14	15	7-104168-9
16.89	12	13	7-104168-8
15.62	11	12	7-104168-7
13.08	9	10	7-104168-6
10.54	7	8	7-104168-5
9.27	6	7	7-104168-4
8.00	5	6	7-104168-3
6.73	4	5	7-104168-2
5.46	3	4	7-104168-1

4

39.75	30	31	7-104168-0
63.88	49	50	6-104168-9
57.53	44	45	6-104168-8
51.18	39	40	6-104168-7
44.83	34	35	6-104168-6
38.48	29	30	6-104168-5
34.67	26	27	6-104168-4
32.13	24	25	6-104168-3
28.32	21	22	6-104168-2
25.78	19	20	6-104168-1
21.97	16	17	6-104168-0
19.43	14	15	5-104168-9
16.89	12	13	5-104168-8
15.62	11	12	5-104168-7
13.08	9	10	5-104168-6
10.54	7	8	5-104168-5
9.27	6	7	5-104168-4
8.00	5	6	5-104168-3
6.73	4	5	5-104168-2
5.46	3	4	5-104168-1

FINISH

DIM_ B

A SPACES

NO OF POSN

PART NUMBER

6

39.75	30	31	4-104186-0
63.88	49	50	3-104186-9
57.53	44	45	3-104186-8
51.18	39	40	3-104186-7
44.83	34	35	3-104186-6
38.48	29	30	3-104186-5
34.67	26	27	3-104186-4
32.13	24	25	3-104186-3
28.32	21	22	3-104186-2
25.78	19	20	3-104186-1
21.97	16	17	3-104186-0
19.43	14	15	2-104186-9
16.89	12	13	2-104186-8
15.62	11	12	2-104186-7
13.08	9	10	2-104186-6
10.54	7	8	2-104186-5
9.27	6	7	2-104186-4
8.00	5	6	2-104186-3
6.73	4	5	2-104186-2
5.46	3	4	2-104186-1

1

39.75	30	31	2-104186-0
63.88	49	50	1-104186-9
57.53	44	45	1-104186-8
51.18	39	40	1-104186-7
44.83	34	35	1-104186-6
38.48	29	30	1-104186-5
34.67	26	27	1-104186-4
32.13	24	25	1-104186-3
28.32	21	22	1-104186-2
25.78	19	20	1-104186-1
21.97	16	17	1-104186-0
19.43	14	15	104186-9
16.89	12	13	104186-8
15.62	11	12	104186-7
13.08	9	10	104186-6
10.54	7	8	104186-5
9.27	6	7	104186-4
8.00	5	6	104186-3
6.73	4	5	104186-2
5.46	3	4	104186-1

FINISH

DIM_ B

A SPACES

NO OF POSN

PART NUMBER

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±0.3

3 PLC ±0.13

4 PLC ±

ANGLES ±0.5°

FINISH -

MATERIAL

-

DWN G. RAMESH 10NOV2017

CHK J. OLSON 10NOV2017

APVD J. OLSON 10NOV2017

PRODUCT SPEC 108-1093

APPLICATION SPEC 114-25031

WEIGHT -

CUSTOMER DRAWING

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

TE Connectivity

HEADER ASSEMBLY, RIGHT ANGLE, UNSHROUDED, SINGLE ROW, AMPMODU System 50

A200779

C-104186

SCALE 5:1

SHEET 2 OF 2

REV T

1471-9 (3/13)

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[5-104186-9](#)