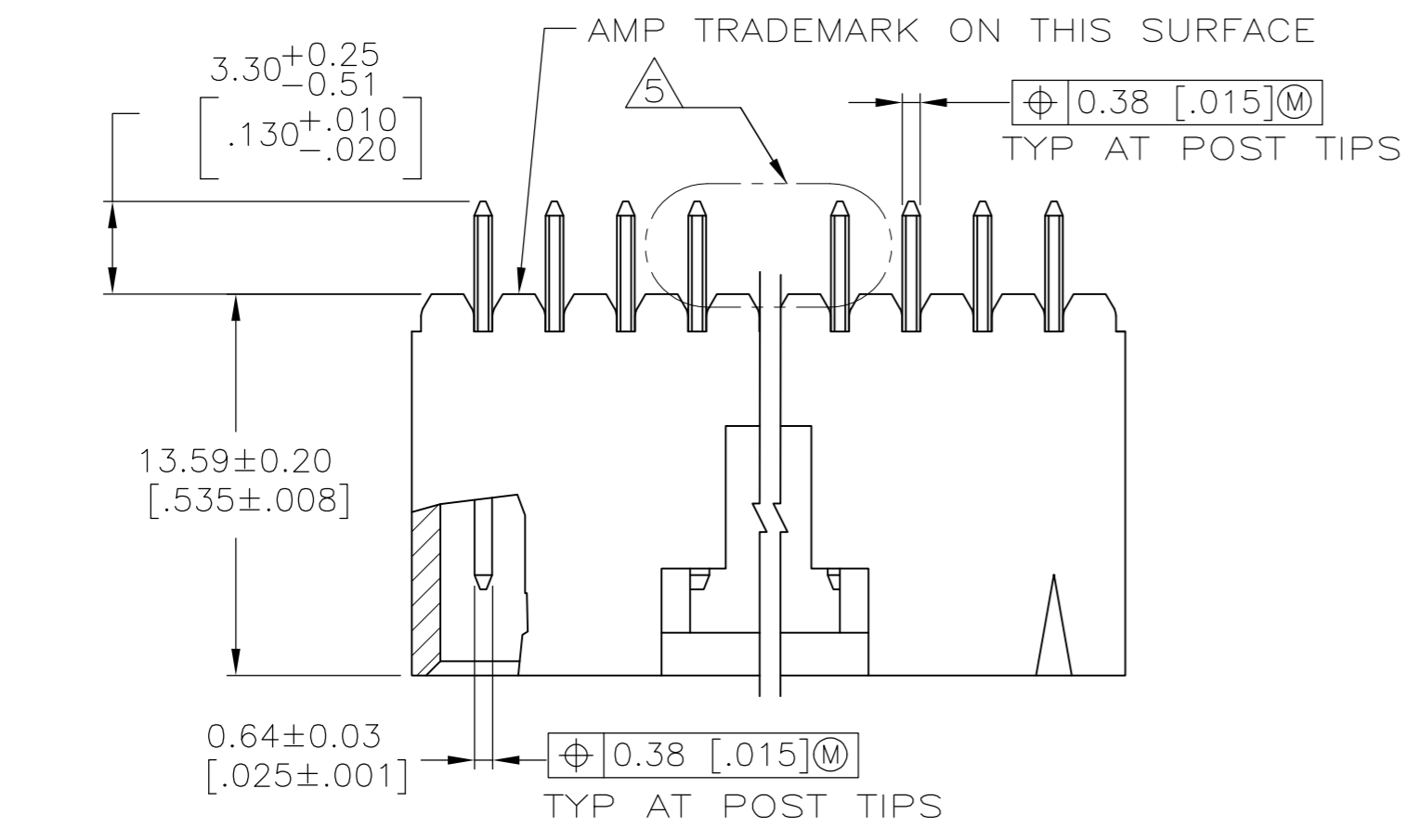THIS DRAWING IS UNPUBLISHED.
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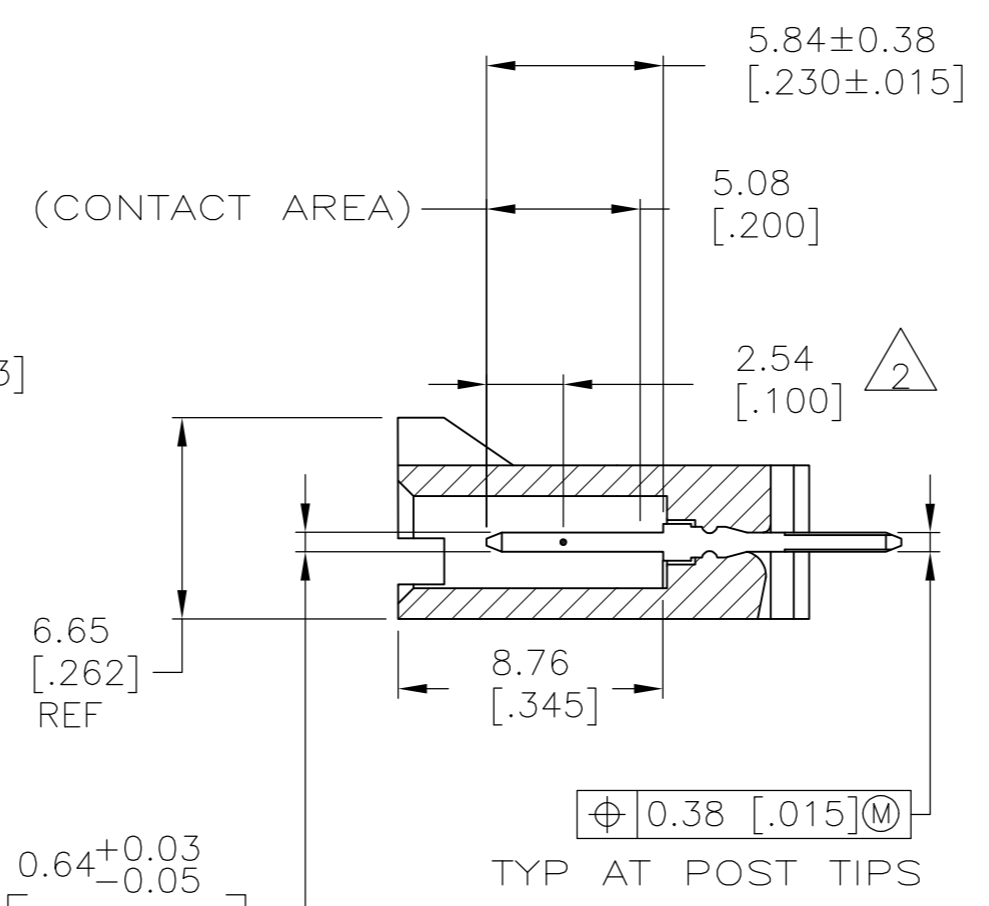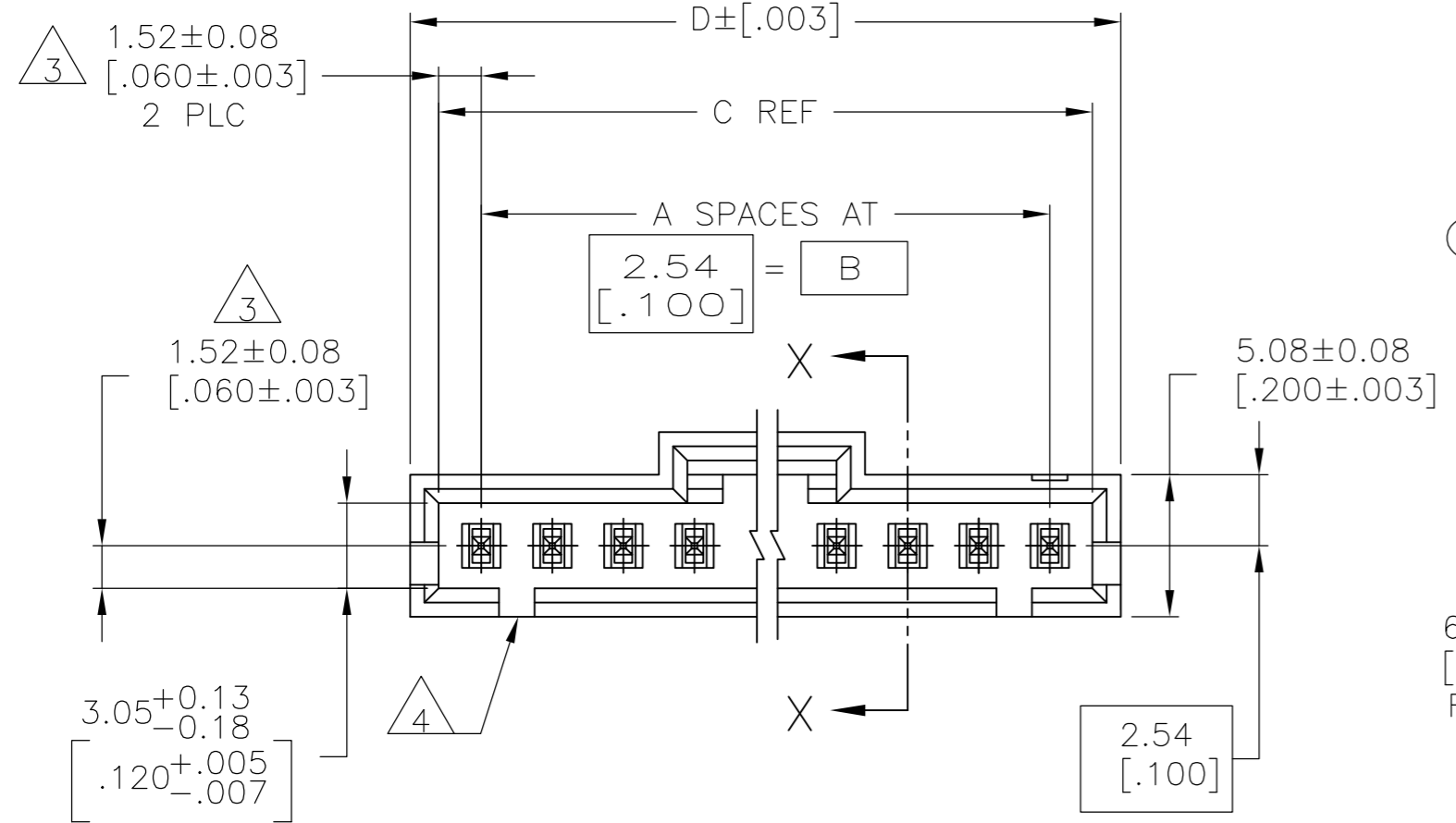
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	U2	REVISED PER ECO-11-004587	11MAR11	RK	HMR
	V	REVISED PER ECO-17-002209	11APR2017	RS	MM

AMP TRADEMARK ON THIS SURFACE

3.30 +0.25 −0.51
.130 +.010 −.020

⌖ 0.38 [.015] Ⓜ
TYP AT POST TIPS

△1 0.000381 [.000015] GOLD IN THE CONTACT AREA, 0.00254−0.00508 [.000100−.000200] MATTE TIN−LEAD ON THE SOLDER TAIL, ALL OVER ALL OVER 0.00127 [.000050] NICKEL.

△2 POINT OF MEASUREMENT FOR PLATING THICKNESS

△3 THE NOTED DIMENSIONS APPLY FROM THE BASIC DIMENSION LINE (NOT THE POST CENTERLINE) TO THE SURFACE INDICATED

△4 ONE POLARIZATION SLOT FOR 2 AND 3 POSITION ASSEMBLIES ONLY.

△5 SELECT POST TAILS FORMED TO PROVIDE CONNECTOR HOLD DOWN UNTIL SOLDERED, CONFIGURATION ACCEPTS 0.69−2.03 [.027−.080] THICK PRINTED CIRCUIT BOARD (SEE DETAIL Z).

△6 DIMENSIONS NOTED ARE FOR SOLDER STENCIL LAYOUT FOR USE WITH 1.57±0.20 [.062±.008] THICK PRINTED CIRCUIT BOARDS.

7 PARTS ARE PACKAGED IN GANG OF TUBES

△8 OBSOLETE PART NO., REFER TO DWG 104909 FOR POS 13 THRU 25.

△9 HOUSING: HIGH TEMPERATURE LCP, COLOR−BLACK.
POSTS: BRASS.

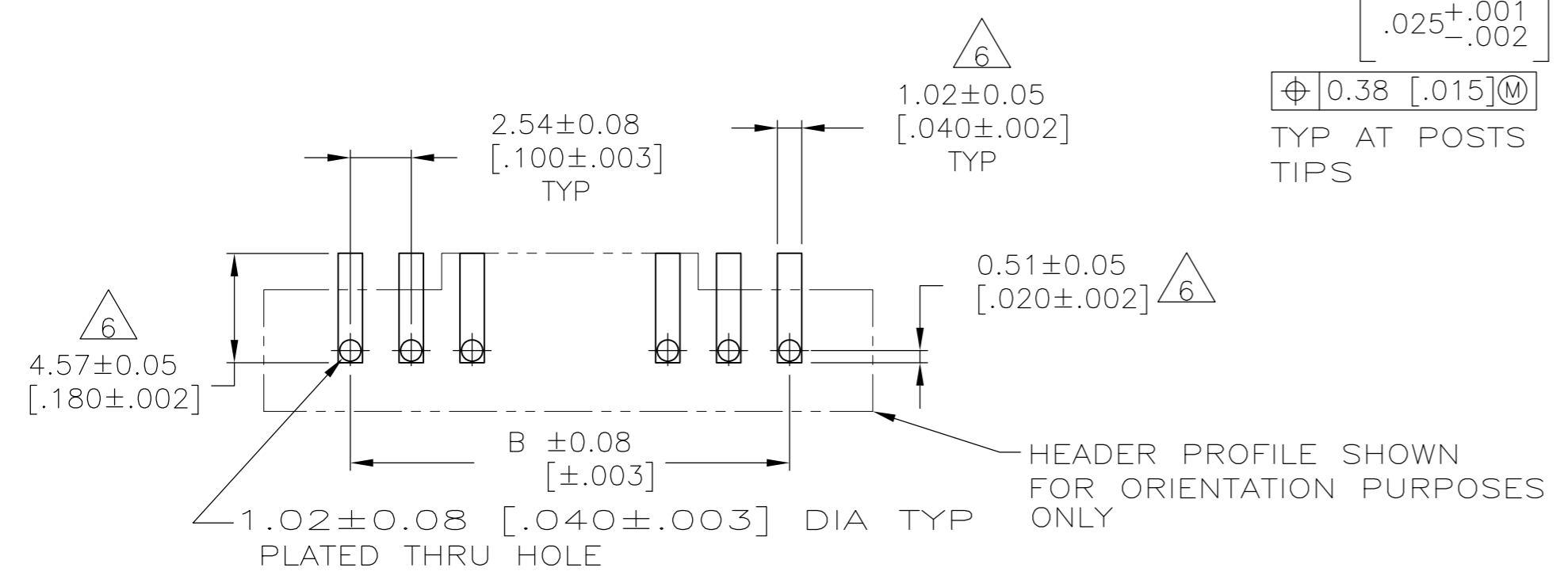△10 0.000381 [.000015] GOLD IN THE CONTACT AREA, 0.00254−0.00508 [.000100−.000200] MATTE MATTE TIN ON THE SOLDER TAIL, ALL OVER ALL OVER 0.00127 [.000050] NICKEL.

△11 SUPERSEDED

PART NO.	SUPERSEDED BY
1-104362-2	1-104909-2
1-104362-4	1-104909-4
1-104362-7	1-104909-7
2-104362-2	—
2-104362-3	—

13.59±0.20 [.535±.008]

0.64±0.03 [.025±.001]
⌖ 0.38 [.015] Ⓜ
TYP AT POST TIPS

△3 1.52±0.08 [.060±.003] 2 PLC

D±[.003]

C REF

A SPACES AT
2.54 [.100] = B

△3 1.52±0.08 [.060±.003]

5.84±0.38 [.230±.015]

5.08 [.200]

(CONTACT AREA)

2.54 [.100] △2

5.08±0.08 [.200±.003]

X

X

2.54 [.100]

3.05 +0.13 −0.18
.120 +.005 −.007

6.65 [.262] REF

8.76 [.345]

⌖ 0.38 [.015] Ⓜ
TYP AT POST TIPS

0.64 +0.03 −0.05
.025 +.001 −.002

⌖ 0.38 [.015] Ⓜ
TYP AT POSTS TIPS

SECTION X−X

△6 1.02±0.05 [.040±.002] TYP

2.54±0.08 [.100±.003] TYP

0.51±0.05 [.020±.002] △6

△6 4.57±0.05 [.180±.002]

B ±0.08 [±.003]

HEADER PROFILE SHOWN FOR ORIENTATION PURPOSES ONLY

1.02±0.08 [.040±.003] DIA TYP PLATED THRU HOLE

RECOMMENDED PC BOARD MOUNTING DIMENSIONS
RECOMMENDED STENCIL THICKNESS = 0.25 [.010]

PLATING	D	C	B	A	NO OF POSN	ASSEMBLY PART NUMBER
△10	32.89 [1.295]	30.99 [1.220]	27.94 [1.100]	11	12	6-104362-1
△10	30.35 [1.195]	28.45 [1.120]	25.4 [1.000]	10	11	6-104362-0
△10	27.81 [1.095]	25.91 [1.020]	22.86 [.900]	9	10	5-104362-9
△10	25.27 [0.995]	23.37 [.920]	20.32 [.800]	8	9	5-104362-8
△10	22.73 [.895]	20.83 [.820]	17.78 [.700]	7	8	5-104362-7
△10	20.19 [.795]	18.29 [.720]	15.24 [.600]	6	7	5-104362-6
△10	17.65 [.695]	15.75 [.620]	12.7 [.500]	5	6	5-104362-5
△10	15.11 [.595]	13.21 [.520]	10.16 [.400]	4	5	5-104362-4
△10	12.57 [.495]	10.67 [.420]	7.62 [.300]	3	4	5-104362-3
△10	10.03 [.395]	8.13 [.320]	5.08 [.200]	2	3	5-104362-2
△10	7.49 [.295]	5.59 [.220]	2.54 [.100]	1	2	5-104362-1
	65.91 [2.595]	64.01 [2.520]	60.96 [2.400]	24	25	△8 2-104362-4
	63.37 [2.495]	61.47 [2.420]	58.42 [2.300]	23	24	△8 2-104362-3
	60.83 [2.395]	58.93 [2.320]	55.88 [2.200]	22	23	△8 2-104362-2
	58.29 [2.295]	56.39 [2.220]	53.34 [2.100]	21	22	△8 2-104362-1
	55.75 [2.195]	53.85 [2.120]	50.8 [2.000]	20	21	△8 2-104362-0
	53.21 [2.095]	51.31 [2.020]	48.26 [1.900]	19	20	△8 1-104362-9
	50.67 [1.995]	48.77 [1.920]	45.72 [1.800]	18	19	△8 1-104362-8
	48.13 [1.895]	46.23 [1.820]	43.18 [1.700]	17	18	△8 1-104362-7
	45.59 [1.795]	43.69 [1.720]	40.64 [1.600]	16	17	△8 1-104362-6
	43.05 [1.695]	41.15 [1.620]	38.1 [1.500]	15	16	△8 1-104362-5
	40.51 [1.595]	38.61 [1.520]	35.56 [1.400]	14	15	△8 1-104362-4
	37.97 [1.495]	36.07 [1.420]	33.02 [1.300]	13	14	△8 1-104362-3
	35.43 [1.395]	33.53 [1.320]	30.48 [1.200]	12	13	△11 1-104362-2
△1	32.89 [1.295]	30.99 [1.220]	27.94 [1.100]	11	12	1-104362-1
△1	30.35 [1.195]	28.45 [1.120]	25.4 [1.000]	10	11	1-104362-0
△1	27.81 [1.095]	25.91 [1.020]	22.86 [.900]	9	10	104362-9
△1	25.27 [0.995]	23.37 [.920]	20.32 [.800]	8	9	104362-8
△1	22.73 [.895]	20.83 [.820]	17.78 [.700]	7	8	104362-7
△1	20.19 [.795]	18.29 [.720]	15.24 [.600]	6	7	104362-6
△1	17.65 [.695]	15.75 [.620]	12.7 [.500]	5	6	104362-5
△1	15.11 [.595]	13.21 [.520]	10.16 [.400]	4	5	104362-4
△1	12.57 [.495]	10.67 [.420]	7.62 [.300]	3	4	104362-3
△1	10.03 [.395]	8.13 [.320]	5.08 [.200]	2	3	104362-2
△1	7.49 [.295]	5.59 [.220]	2.54 [.100]	1	2	104362-1

104362

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DWN	G DOUTY	2-22-88
CHK	T C CLARK	2-22-88
APVD	–

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005
4 PLC ± –
ANGLES ± –

MATERIAL
FINISH
SEE TABLE
△9

PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT

▇▇TE

TE Connectivity

NAME
HEADER ASSY, AMPMODU MTE, VERTICAL SINGLE ROW, .100 C/L, .025 SQ POST POLARIZED, WITH LATCHING & HOLD DOWN

| SIZE A2 | CAGE CODE 00779 | DRAWING NO C-104362 | RESTRICTED TO – |

CUSTOMER DRAWING

SCALE 4:1   SHEET 1 OF 1   REV V

Mouser Electronics

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  [1-104362-1](#)