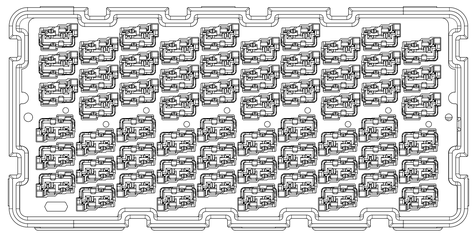
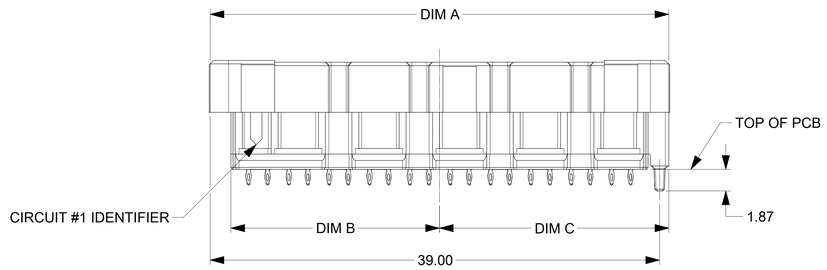
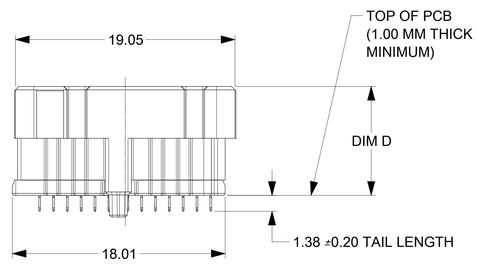
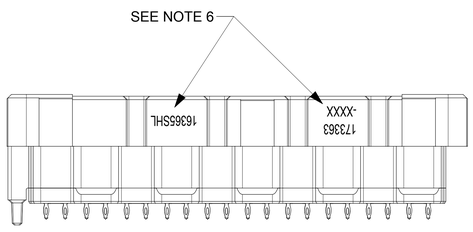
NOTES:
1. HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK
   CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY
2. FINISH:
   CONTACTS: SELECTIVE GOLD: 30 MICRO INCHES MINIMUM ON CONTACT AREA
   SELECTIVE TIN ON COMPLIANT PIN OVER 50 MICRO INCHES MINIMUM
   NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-172801-0001
4. PACKAGING SPECIFICATION: PK-173358-0001
5. APPLICATION SPECIFICATION: AS-172801-0001
6. PARTS TO BE MARKED WITH THE PART NUMBER AND DATE CODE.
   FORMAT IS 2 DIGIT YEAR, 3 DIGIT DAY, 1 DIGIT HOUR (IF NEEDED), AND
   ONE DIGIT ASSEMBLY LINE (IF NEEDED) BY MARKING THE HOUSING AS SHOWN.
7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
   MOLEX COSMETIC SPEC. PS-45499-002

173363-0001 PLUG ASSEMBLY SHOWN









MATERIAL NUMBER	HEIGHT	NO. OF COLUMNS	DIM A	DIM B	DIM C	DIM D	TOOLED	MATES TO
1733630001	7.5	10	39.80	18.10	19.90	9.45	YES	1733640001 & 1728320005
1733630009	7.5	12	46.80	21.60	23.40	9.45	NO	1728320018 & 1728320019
1733630012	7.5	6	25.80	11.10	12.90	9.45	NO	1728320026
1733630014	7.5	14	53.80	25.10	26.90	9.45	NO	1728320001

SYMBOLS	
FA	= 0
EC	= 0
EF	= 0
S	= 0
	= 0
C	= 0
	= 0
	= 0
C	= 0

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DIMENSION UNITS	SCALE
mm	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.15
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:
REVISED KEEP OUT ZONE ON SHEET 2

EC NO: 174569
DRWN: TPREMO 2018/04/03
CHK'D: KPELOZA 2018/01/17
APPR: KLANG 2018/04/05

INITIAL REVISION:
DRWN: GMINNICK 2017/05/04
APPR: KLANG 2017/08/01

molex

NEOPRESS 6 ROW PLUG ASSY, LOW PROFILE
100 OHM

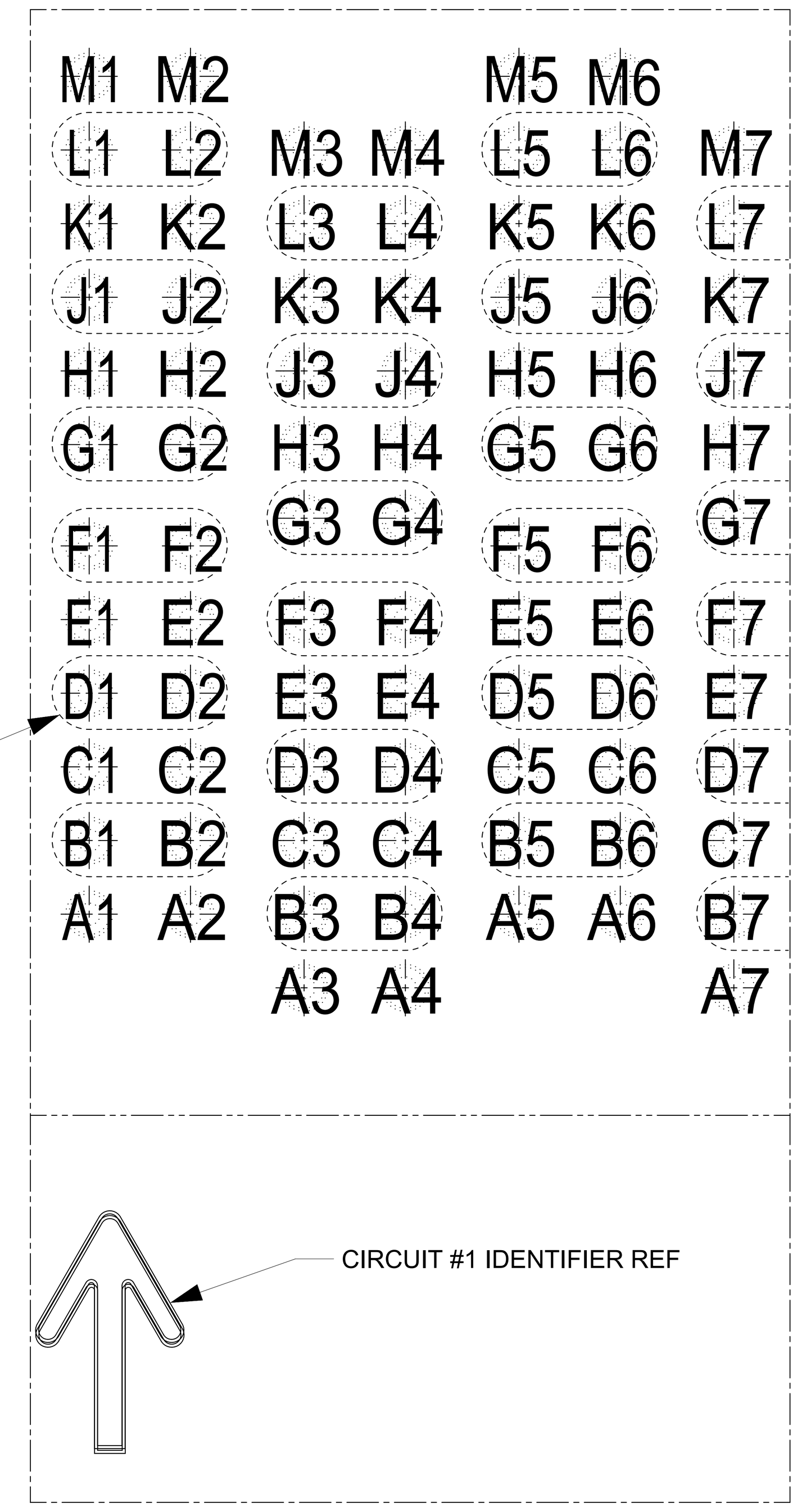
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1733630002	PSD	000	C

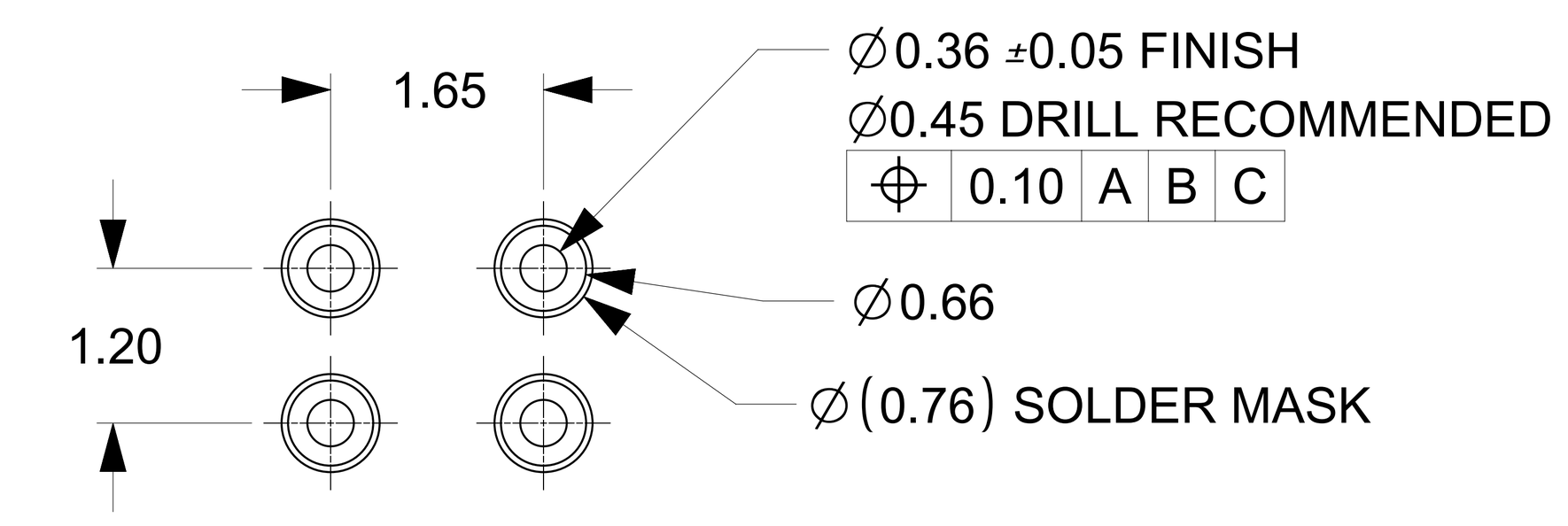
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	E-SIZE	173363	SEE TABLE	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/05 16:17:38

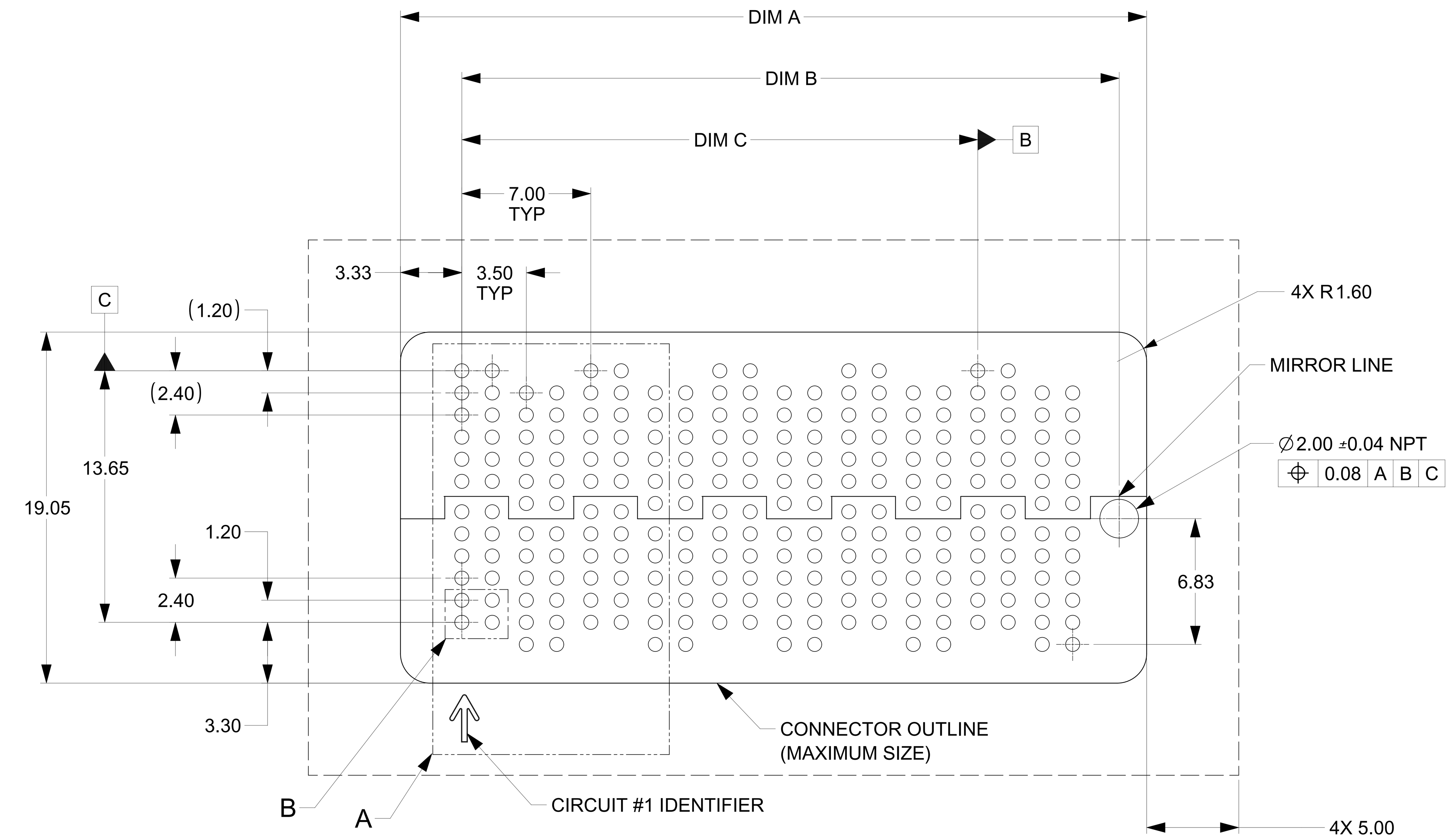
CIRCLED VIAS ARE CONNECTED TO THE SAME SHIELD TERMINAL. ALSO, ALL SHIELD VIAS ARE ELECTRICALLY INTERCONNECTED INSIDE THE CONNECTOR. (SEE CHART FOR EXCEPTIONS FOR POWER TERMINALS*. THE LOW SPEED TRIADS SHIELD TERMINALS MUST BE USED FOR GROUNDS ONLY AND MAY BE CONNECTED TO OTHER SHIELDS IN THIS CONNECTOR EXCEPT THE ELECTRICALLY ISOLATED SHIELDS).



DETAIL A
SCALE 12:1
NUMBERING SCHEME



DETAIL B
SCALE 16:1



FOOT PRINT NOTES:
1. DATUM -A- IS THE TOP OF THE PCB
2. ALL DIMENSIONS ARE BASIC

FOOT PRINT 6X10 SHOWN

MATERIAL NUMBER	NO. OF COLUMNS	DIM A	DIM B	DIM C	ELECTRICALLY ISOLATED SHIELDS *	LOW SPEED TRIADS *
1733630001	10	39.80	35.68	28.00	N/A	N/A
1733630009	12	46.80	42.68	35.00	N/A	N/A
1728010012	6	25.80	21.68	14.00	N/A	N/A
1728010014	14	53.80	49.68	42.00	N/A	N/A

SYMBOLS	
FA	= 0
FC	= 0
FP	= 0
S	= 0
(shaded)	= 0
C	= 0
☒	= 0
■	= 0
C	= 0

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DIMENSION UNITS: mm
SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.15
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:
SEE SHEET 1

EC NO: 174569
DRWN: TPREMO 2018/04/03
CHK'D: KPELOZA 2018/01/17
APPR: KLANG 2018/04/05
INITIAL REVISION:
DRWN: GMINNICK 2017/05/04
APPR: KLANG 2017/08/01

THIRD ANGLE PROJECTION
DRAWING: E-SIZE
SERIES: 173363

molex

NEOPRESS 6 ROW PLUG ASSY, LOW PROFILE
100 OHM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 1733630002
DOC TYPE: PSD
DOC PART: 000
REVISION: C
MATERIAL NUMBER: SEE TABLE
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 2 OF 2

DOCUMENT STATUS P1 RELEASE DATE 2018/04/05 16:17:38