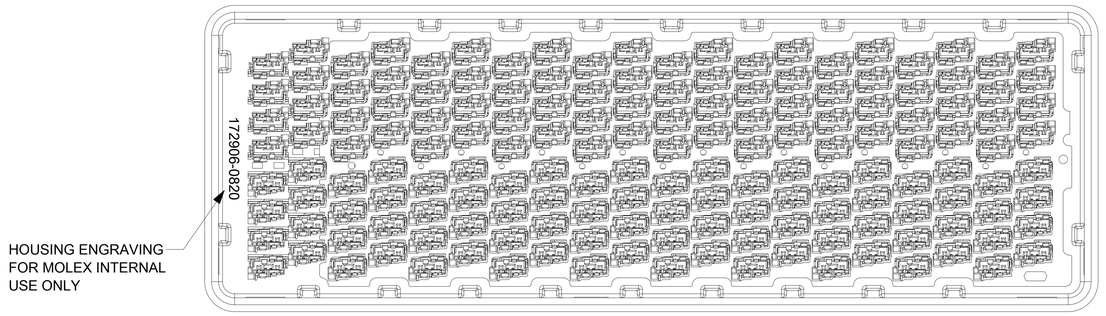
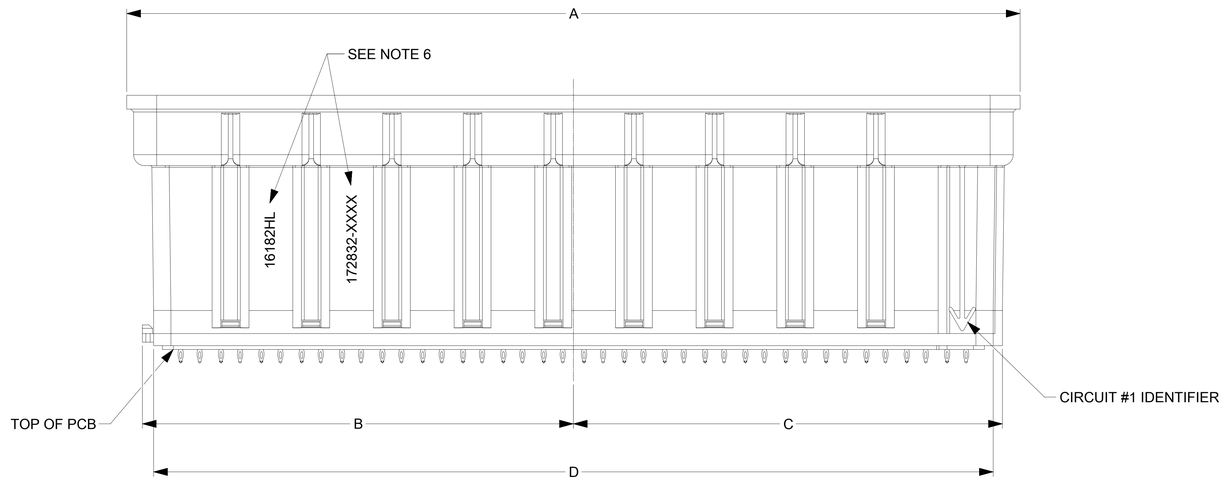
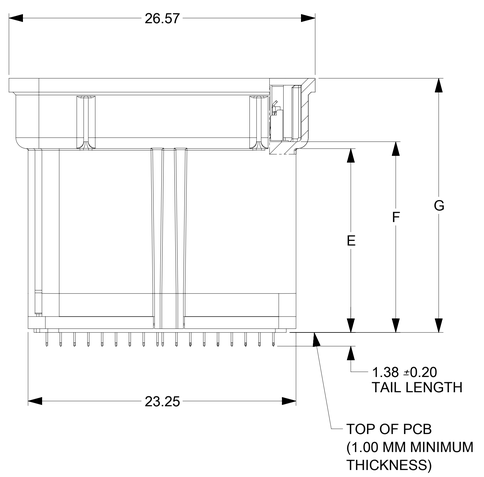
172832-0010 RECEPTACLE ASSEMBLY SHOWN

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 50 MICRO INCHES MINIMUM
   OVER 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







MATERIAL NUMBER	HEIGHT	NO. OF COLUMNS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	LOCATING PEG	TOOLED	MATES TO
1728320010	18.5	20	77.52	37.40	37.23	72.85	15.95	16.55	22.05	NO	YES	1728010010

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/06 07:26:12

SYMBOLS
FA = 0
FC = 0
FD = 0
S = 0
▼ = 0
C = 0
☒ = 0
■ = 0
C = 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm
SCALE: 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: DELETE P/N1728320014
EC NO: 630199
DRWN: CCHEN103 2019/11/07
CHK'D: JKACHLIC 2020/02/06
APPR: JKACHLIC 2020/02/06
INITIAL REVISION:
DRWN: GMINNICK 2017/05/26
APPR: KLANG 2018/03/20

THIRD ANGLE PROJECTION
DRAWING: E-SIZE
SERIES: 172832

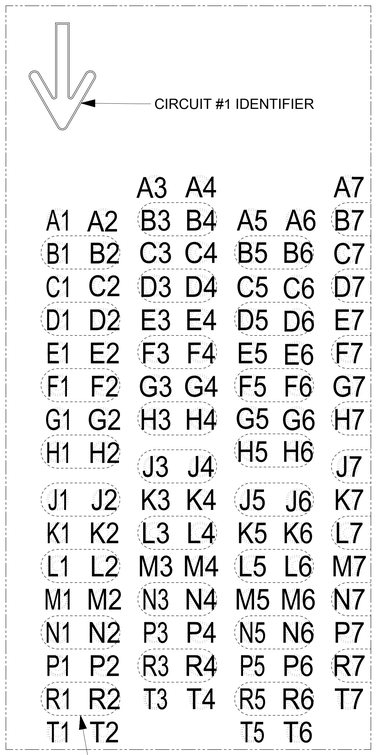
molex

NEOPRESS 8 ROW RECEPTACLE ASSY 100 OHM
100 OHM

PRODUCT CUSTOMER DRAWING

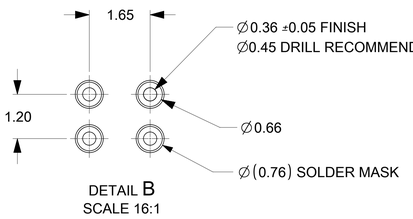
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1728320003	PSD	000	C1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2



DETAIL A
SCALE 12:1
NUMBERING SCHEME

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 B
SCALE 16:1

(ALL DIMENSIONS ARE TYP)

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

MATERIAL NUMBER	NO. OF COLUMNS	DIM A	DIM B	DIM C	DIM D	ELECTRICALLY ISOLATED SHIELDS *	LOW SPEED TRIADS *
1728320010	20	N/A	63.00	70.50	71.48	COLUMN 20: B39,B40,D39,D40,F39,F40,H39,H40,J39,J40,L39,L40,N39,N40, R39,R40	COLUMN 19: B37,B38,D37,D38,F37,F38,H37,H38,J37,J38,L37,L38,N37,N38,R37,R38

SYMBOLS
FA = 0
FC = 0
FB = 0
S = 0
▼ = 0
C = 0
☒ = 0
■ = 0
V = 0

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DIMENSION UNITS	SCALE
mm	1:1

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: DELETE P/N1728320014

EC NO: 630199
DRWN: CCHEN103 2019/11/07
CHK'D: JKACHLIC 2020/02/06
APPR: JKACHLIC 2020/02/06

INITIAL REVISION:
DRWN: GMINNICK 2017/05/26
APPR: KLANG 2018/03/20

molex

NEOPRESS 8 ROW RECEPTACLE ASSY 100 OHM
100 OHM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1728320003	PSD	000	C1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	E-SIZE	172832	SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/06 07:26:12