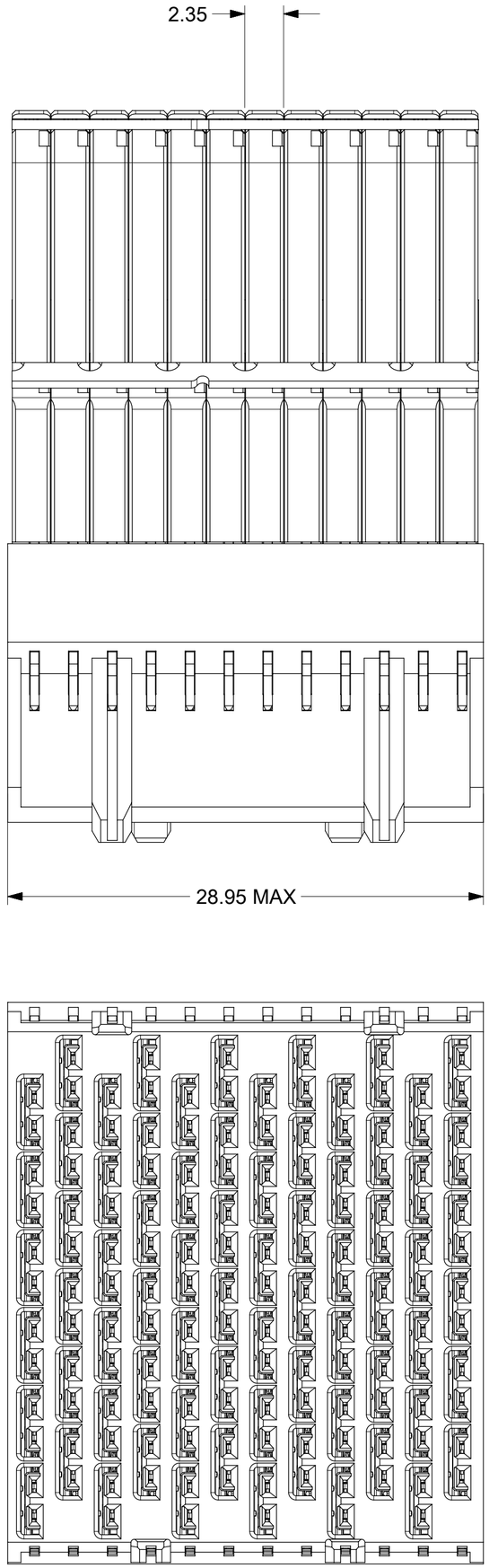
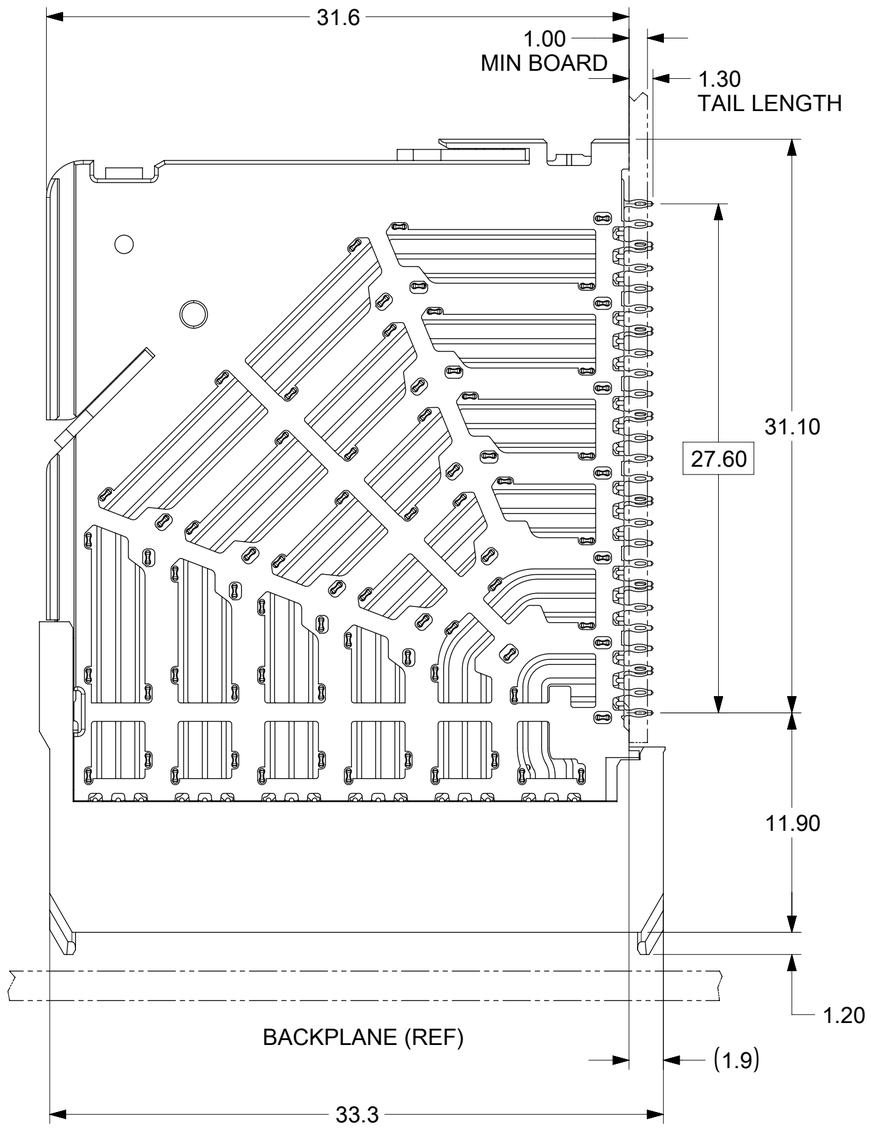
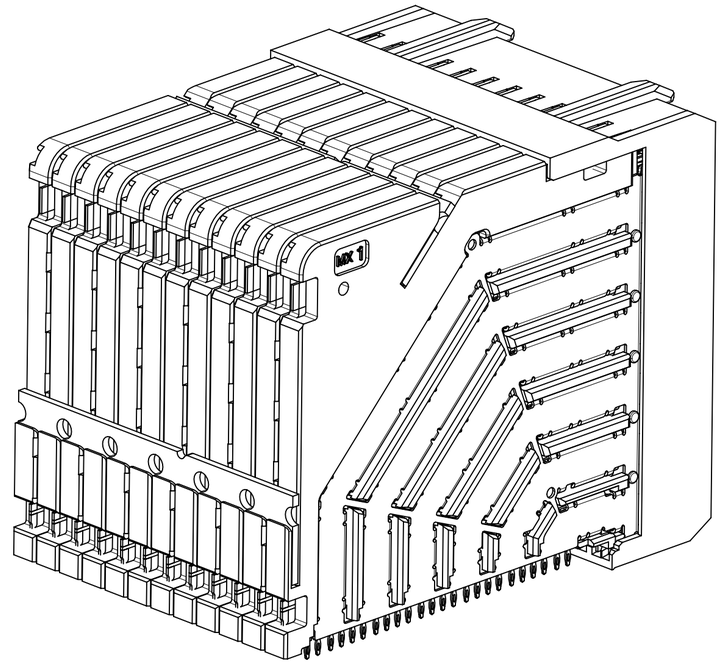




NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
   GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30uIN GOLD IN CONTACT AREA.
   SELECTIVE TIN ON PCB TAILS.
   NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-171320-999 FOR PERFORMANCE SPECIFICATIONS.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
5. PRODUCT WILL BE PACKAGED PER PK-78888-241.
6. SEE SHEET 2 FOR HOLE PATTERN DIMENSIONS.
7. MATES WITH IMPEL ORTHO BP 171495 SERIES OR ODRAM 171740 SERIES (UNGUIDED)
8. REFER TO IMPEL PCB ROUTING GUIDE AS-171500-990 FOR ANTIPAD, ROUTING RECOMMENDATIONS, AND ADDITIONAL PCB INFORMATION.



ISOMETRIC VIEW A
12 COLUMNS WITH SLOTS

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

FUNCTIONAL SYMBOLS	FA = 0, FC = 0, FP = 0
DIVISIONAL SYMBOLS	
DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REV UP DRAWING TO REFLECT ADDED RELIEF SLOTS ON RIGHT WAFERS. ADDED ISOMETRIC VIEW A.

EC NO: 693839

DRWN:	JLTAN06	2022/01/20
CHK'D:	YLLIM	2022/01/28
APPR:	DWLEE01	2022/02/10

INITIAL REVISION:

DRWN:	JLAURX	2012/04/13
APPR:	DWLEE01	2018/06/29

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 171500

molex

IMPEL ORTHO DAUGHTERCARD
6 PAIR X 12 COL UNGUIDED

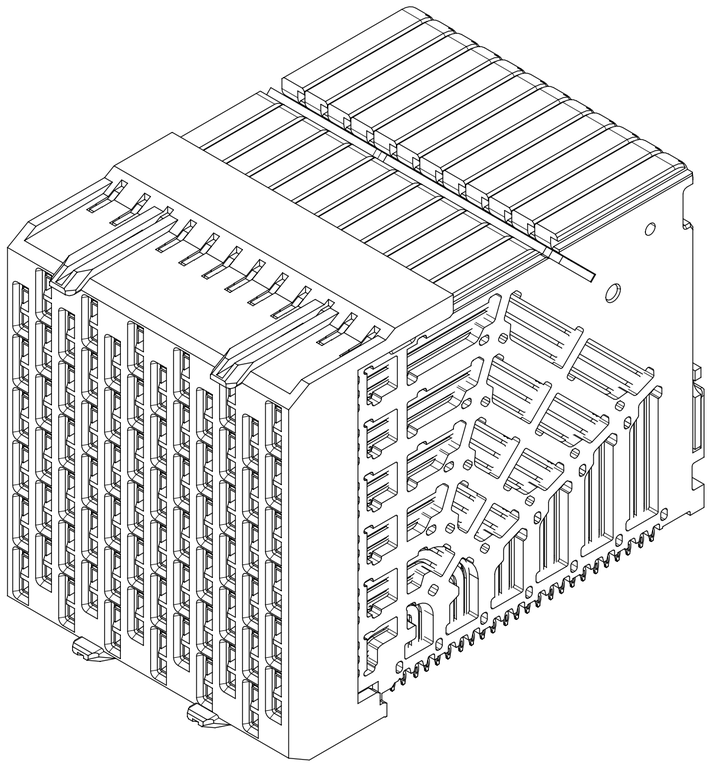
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-171500-0001	PSD	001	B

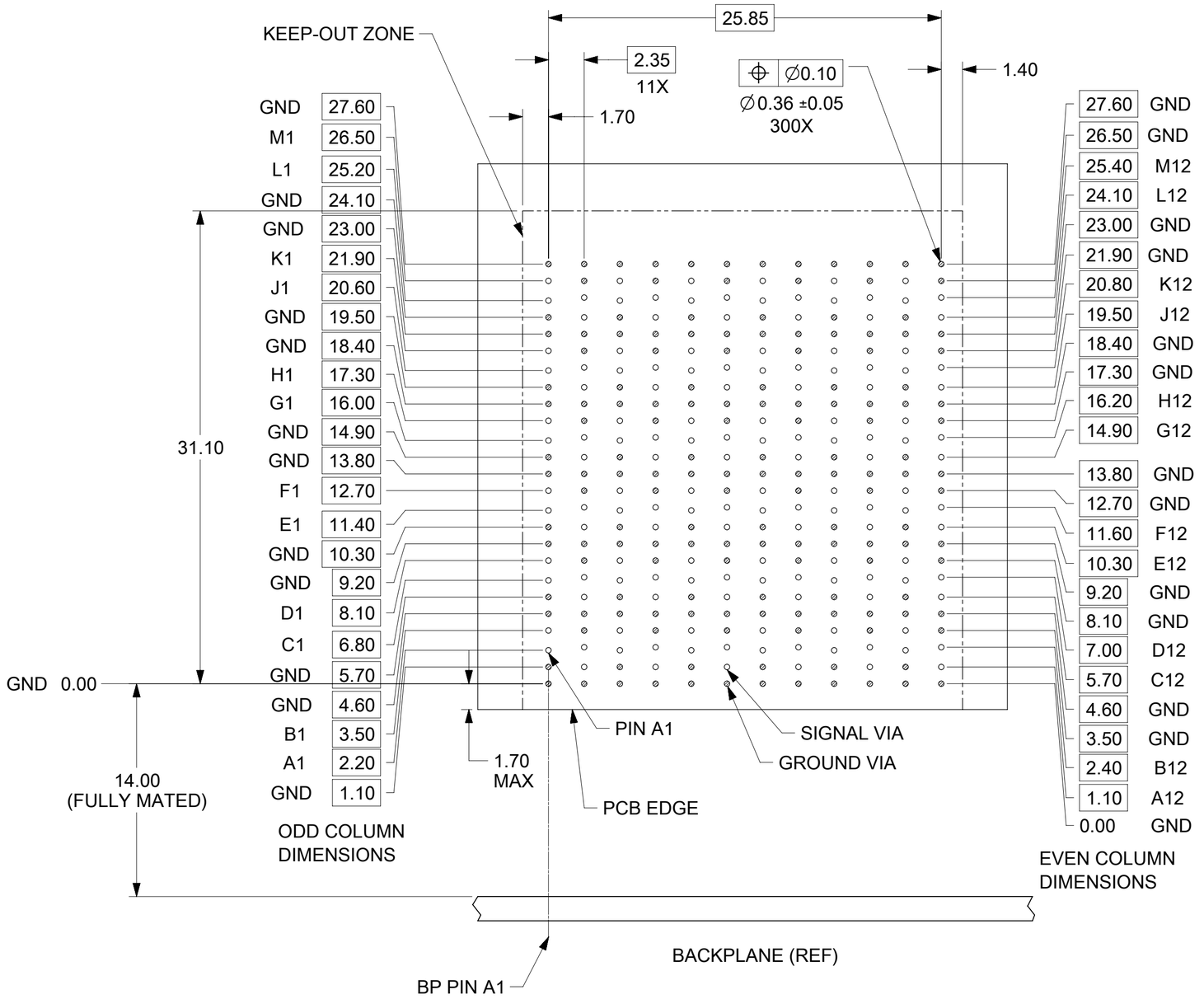
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
1715001022	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/10 03:06:09

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01



ISOMETRIC VIEW B
12 COLUMNS WITH SLOTS



DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/10 03:06:09

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0
DIVISIONAL SYMBOLS

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

DIMENSION UNITS: mm
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REV UP DRAWING TO REFLECT ADDED RELIEF SLOTS ON RIGHT WAFERS. ADDED ISOMETRIC VIEW A.

EC NO: 693839
DRWN: JLTAN06 2022/01/20
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INITIAL REVISION:
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THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 171500

molex

IMPEL ORTHO DAUGHTERCARD
6 PAIR X 12 COL UNGUIDED

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-171500-0001	PSD	001	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
1715001022	GENERAL MARKET	2 OF 2