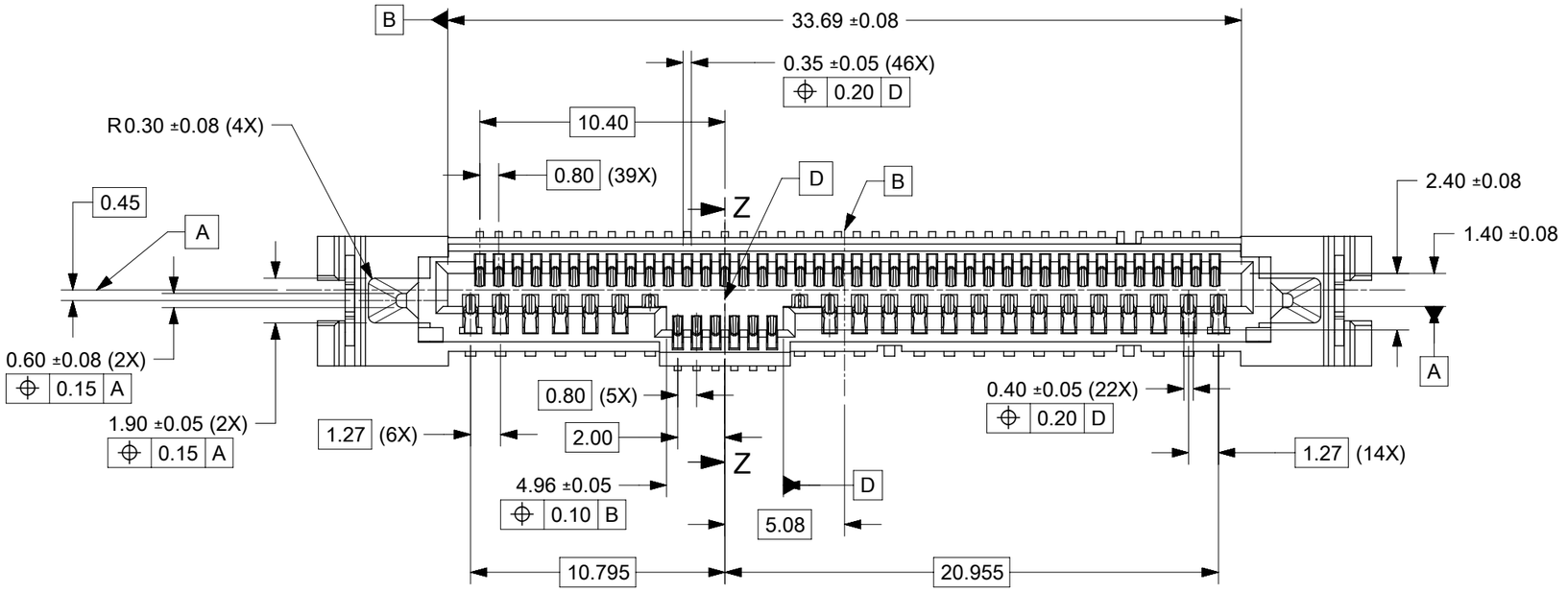
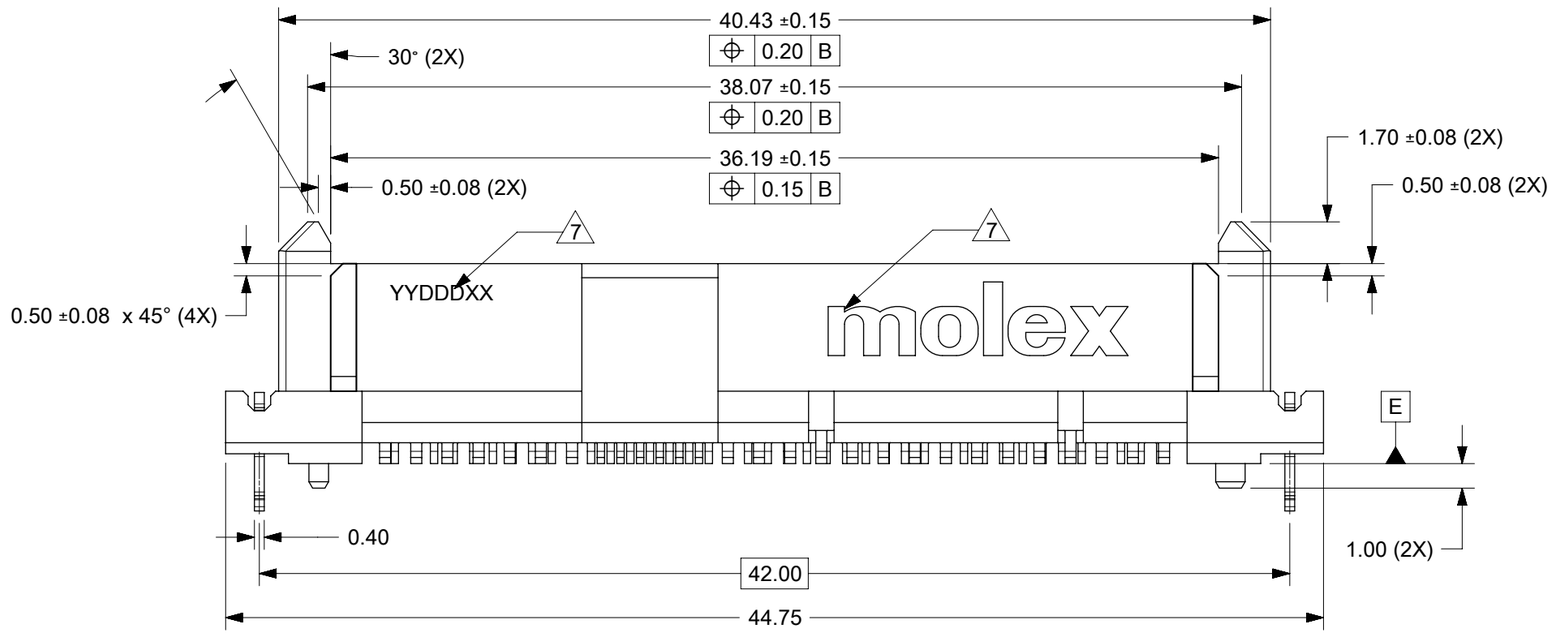
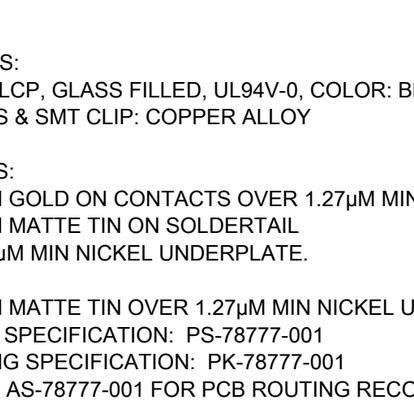






NOTES:
1. MATERIALS:
   HOUSING: LCP, GLASS FILLED, UL94V-0, COLOR: BLACK
   TERMINALS & SMT CLIP: COPPER ALLOY
2. FINISHES:
   TERMINALS:
   0.76µM MIN GOLD ON CONTACTS OVER 1.27µM MIN NICKEL UNDERPLATE.
   2.54µM MIN MATTE TIN ON SOLDERTAIL
   OVER 1.27µM MIN NICKEL UNDERPLATE.
   SMT CLIP:
   2.54µM MIN MATTE TIN OVER 1.27µM MIN NICKEL UNDERPLATE
3. PRODUCT SPECIFICATION: PS-78777-001
4. PACKAGING SPECIFICATION: PK-78777-001
5. REFER TO AS-78777-001 FOR PCB ROUTING RECOMMENDATIONS.
6. NON FUNCTIONAL CORING TO VARIES.
7. MOLEX LOGO, DATE CODE AND CAVITY ID TO BE LOCATED APPROXIMATELY AS SHOWN.
8. PRODUCT IS COMPLIANT TO RoHS DIRECTIVE WITH THE FOLLOWING BANNED SUBSTANCES - LEAD, MERCURY, CADMIUM, HEXAVALENT CHROMIUM, POLYBROMINATED BIPHENYLS AND POLYBROMINATED DIPHENYL ETHERS.

7 YYDDDXX

YEAR
DAYS
ASSEMBLY LINE CODE

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.2
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 704203
DRWN: ABELD2 2022/04/22
CHK'D: JKACHLIC 2022/05/17
APPR: JKACHLIC 2022/05/17

INITIAL REVISION:
DRWN: CGOH 2013/04/05
APPR: BOKOK 2013/04/17

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 78777

molex

SAS/PCIE
STD HEIGHT BACKPLANE SMT RECEPTACLE

PRODUCT CUSTOMER DRAWING

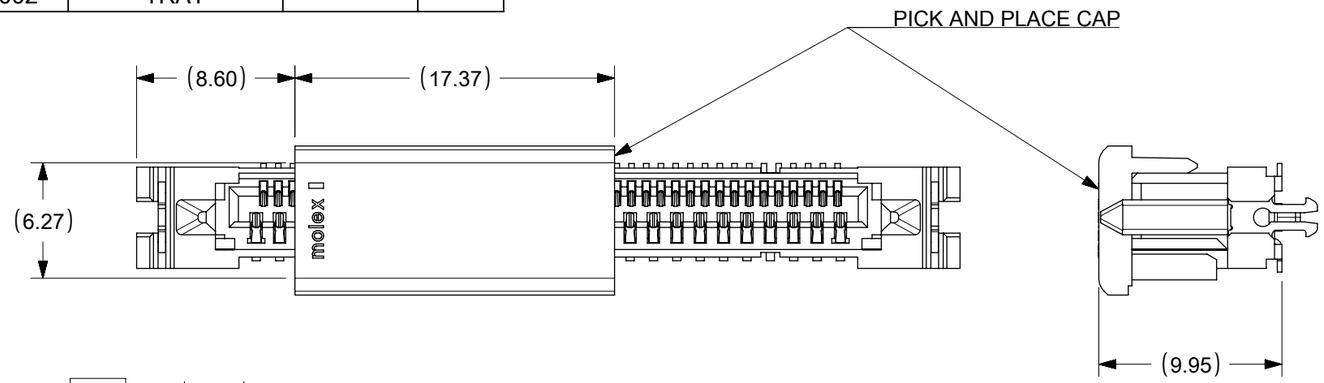
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SD-78777-101	PSD	000	B2

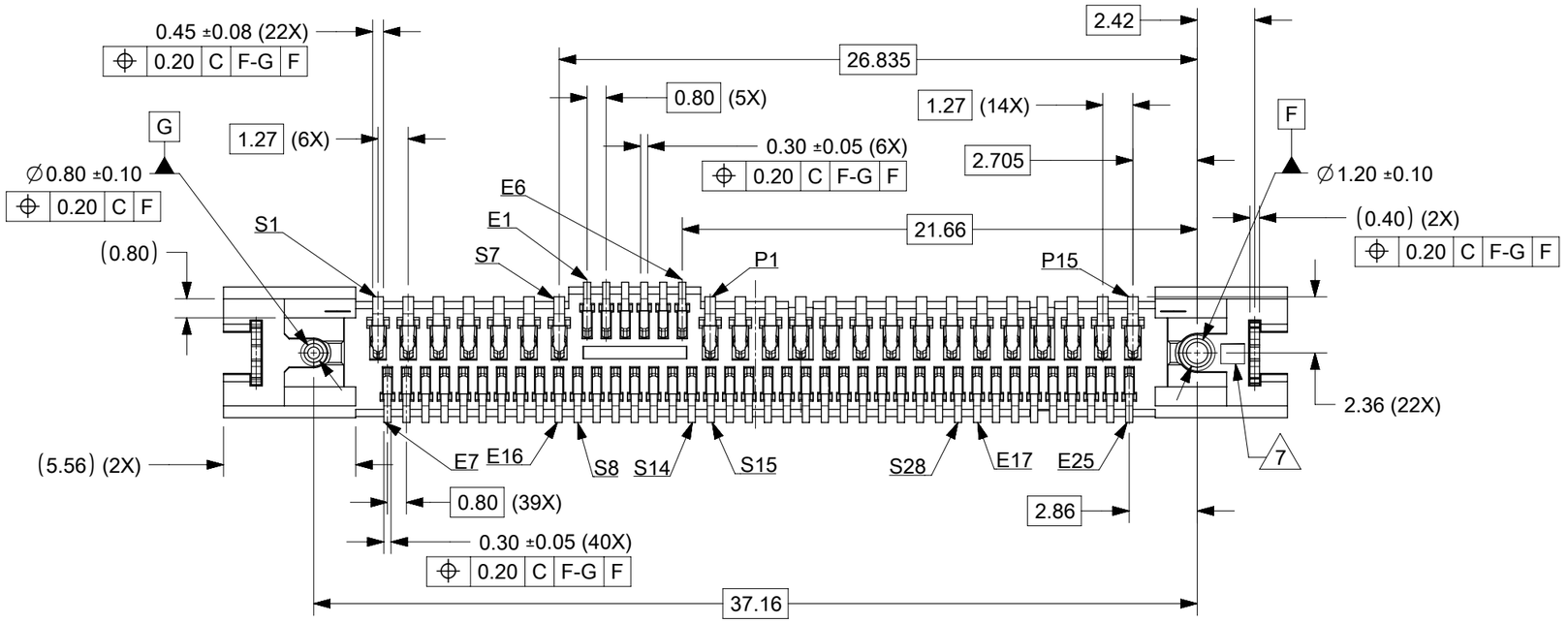
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/17 06:42:26

FORMAT: molex_D_size_A3
REVISION: J
DATE: 2020/01/14

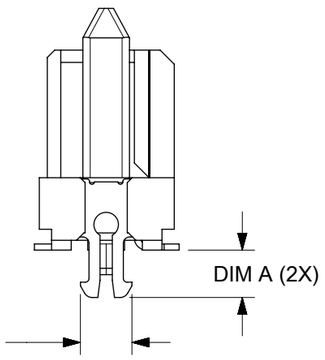
PART NO	HOLD DOWN	BLADE/ FORKLOCK HEIGHT DIM A (2X)	PICK & PLACE CAP	PACKAGING SPECIFICATION	PACKAING	DIM T ⚠9	DIM B
78777-1002	FORKLOCK	1.93	YES	PK-78777-001	TAPE AND REEL	2.36±0.10	2.10
78777-1003	FORKLOCK			PK-78777-002	TRAY		
78777-1004	MOUNT BLADE	1.70	YES	PK-78777-001	TAPE AND REEL	1.30±0.10	1.40
78777-1005	MOUNT BLADE			PK-78777-002	TRAY		



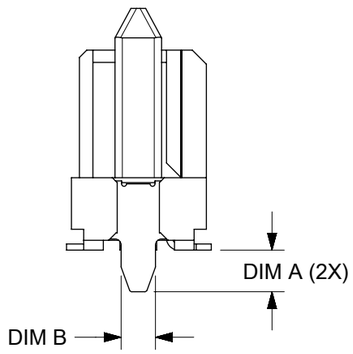


SECTION Z-Z

FORKLOCK OPTION



MOUNT BLADE OPTION



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DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.2
1 PLACE	±
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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molex

SAS/PCIE
STD HEIGHT BACKPLANE SMT RECEPTACLE

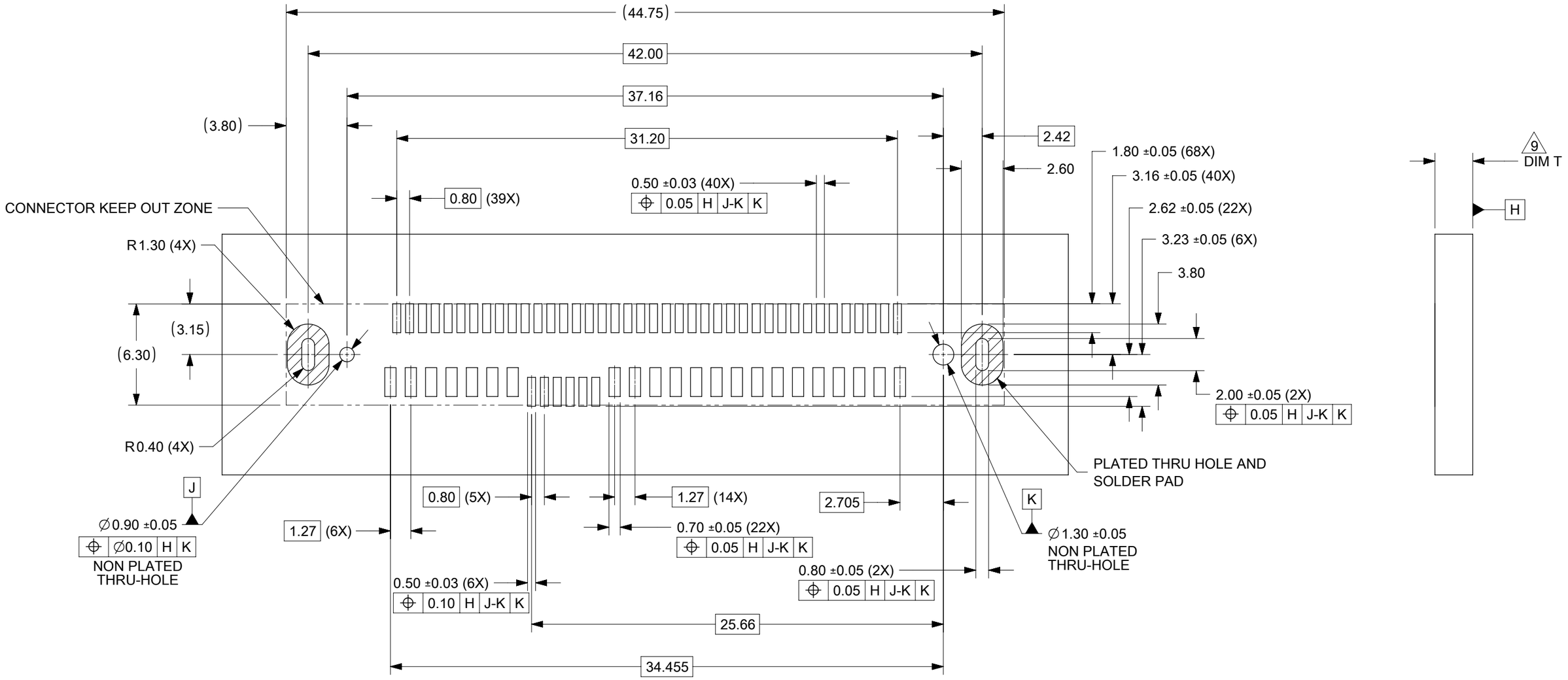
PRODUCT CUSTOMER DRAWING

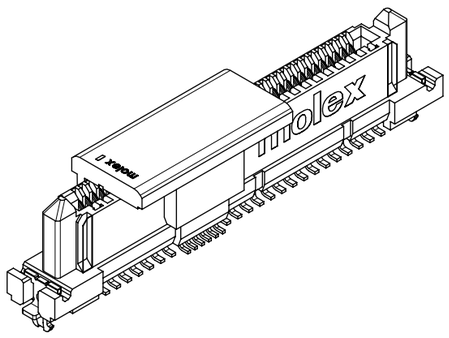
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-78777-101	PSD	000	B2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	78777	SEE TABLE	GENERAL MARKET	2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/17 06:42:26

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14





9 RECOMMENDED PCB LAYOUT (COMPONENT SIDE)
PCB THICKNESS: SEE TABLE

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DIMENSION UNITS	SCALE
mm	NTS

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ANGULAR TOL	± 3.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.2
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

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APPR: JKACHLIC 2022/05/17

INITIAL REVISION:
DRWN: CGOH 2013/04/05
APPR: BOKOK 2013/04/17

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 78777

molex

SAS/PCIE
STD HEIGHT BACKPLANE SMT RECEPTACLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-78777-101	PSD	000	B2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/17 06:42:26

FORMAT: master-lib-prod-A3
REVISION: J
DATE: 2020/01/14

REV.	DATE	DESCRIPTION
B2	2022/04/22	SHEET 1:A7 UPDATE THE ASSEMBLY LINE CODE.

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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molex

SAS/PCIE
STD HEIGHT BACKPLANE SMT RECEPTACLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-78777-101	PSD	000	B2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	78777		GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/17 06:42:26

FORMAT: master_B_size-A3
REVISION: J1
DATE: 2021/05/05