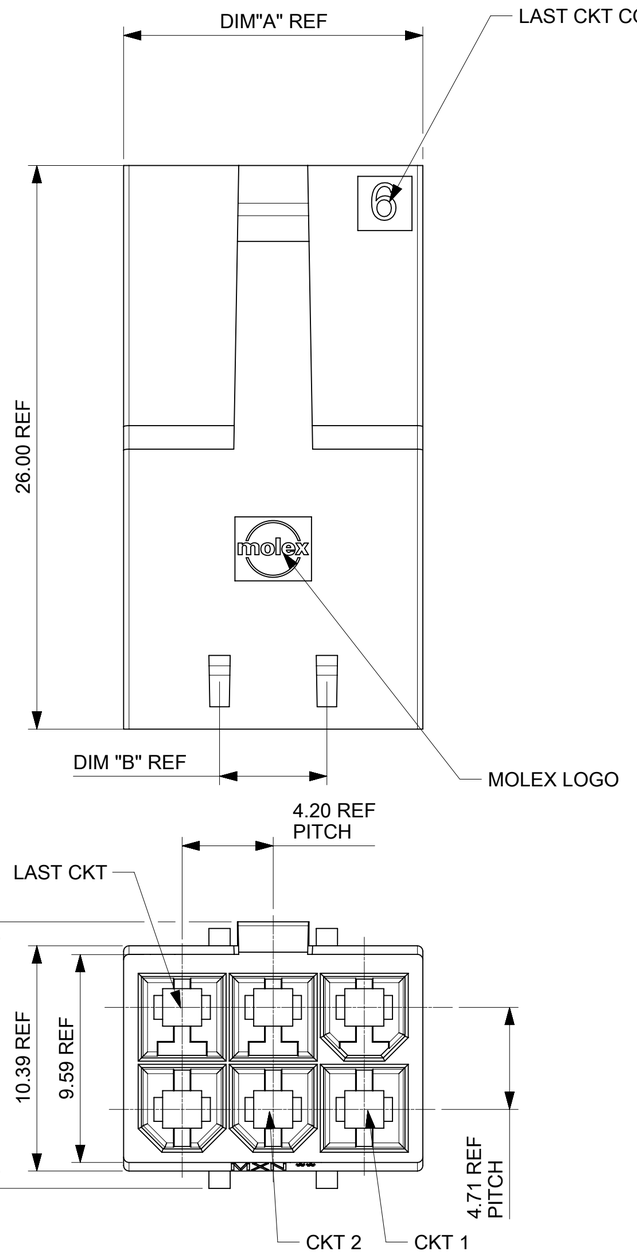
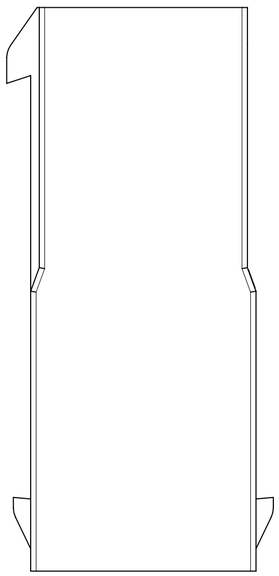
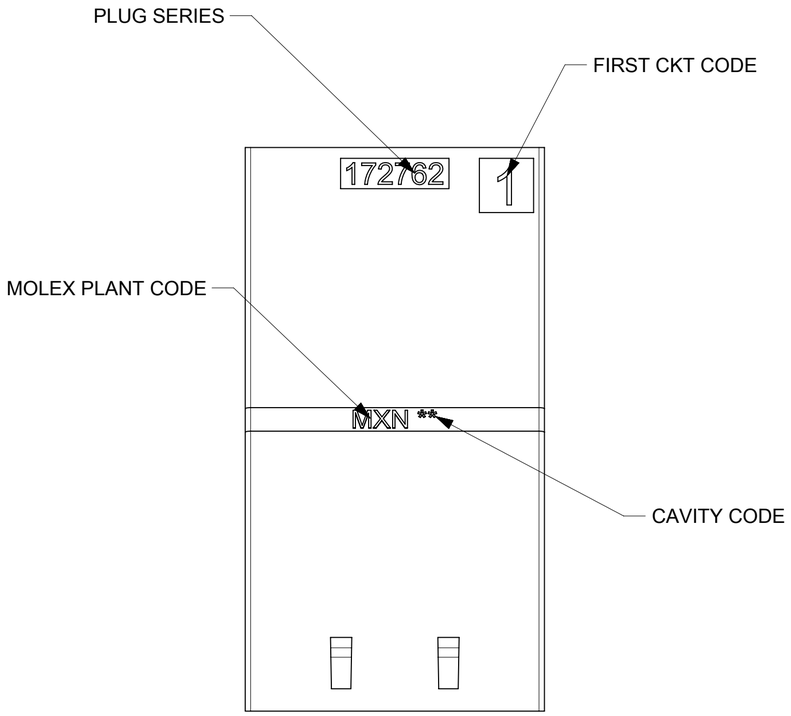
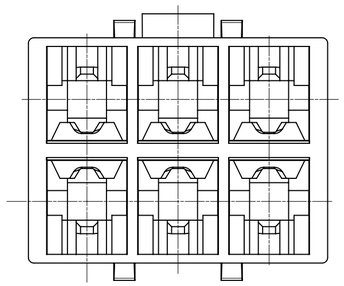
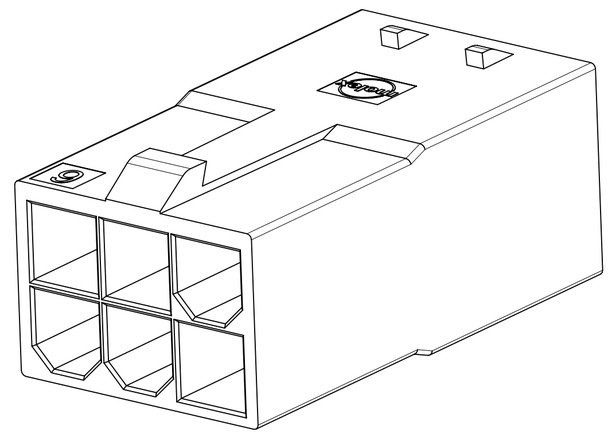
PLUG P/N	CKT	DIM "A"	DIM"B"
1727621002	2	5.40	4.95
1727621004	4	9.60	4.95
1727621006	6	13.80	4.95
1727621008	8	18.00	4.95
1727621010	10	22.20	12.95
1727621012	12	26.40	12.95
1727621014	14	30.60	12.95
1727621016	16	34.80	12.95
1727621018	18	39.00	20.95











NOTES:
1. MATERIAL:
NYLON, UL 94V-0 AND GLOW WIRE CAPABLE PER IEC60335-1; COLOR: BLACK
2. FINISH: NONE
3. PRODUCT SPECIFICATION: 2131370000-PS/2029880002-PS
APPLICATION SPECIFICATION: 2131370000-AS
4. PACKAGING SPECIFICATION: 1727620001-PK
REFER TO AS-45499-001 FOR MOISTURIZING NYLON CONNECTOR PARTS.
5. THIS PART TO BE USED WITH FEMALE TERMINAL SERIES 172765, 203070 AND TPA SERIES 172709-2***.
6. THIS PART MATES WITH RECEPTACLE SERIES 172708-0***, 172708-1***.
7. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.36
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 768511
DRWN: JERRYW8 2023/11/02
CHK'D: XQZHANG 2023/11/15
APPR: XQZHANG 2023/11/15

INITIAL REVISION:
DRWN: ALUO02 2019/09/18
APPR: YXZHENG 2019/10/11

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 172762 | MATERIAL NUMBER: SEE TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 4

molex

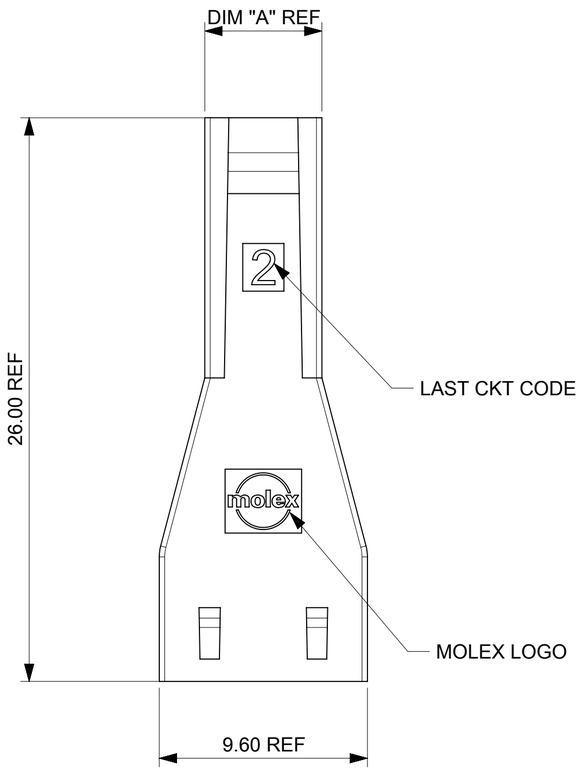
SD-DRAWING OF MINI-FIT SIGMA DR PLUG

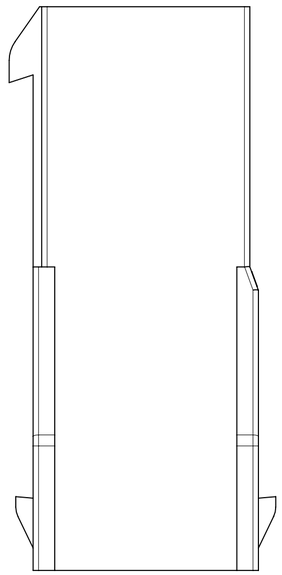
PRODUCT CUSTOMER DRAWING

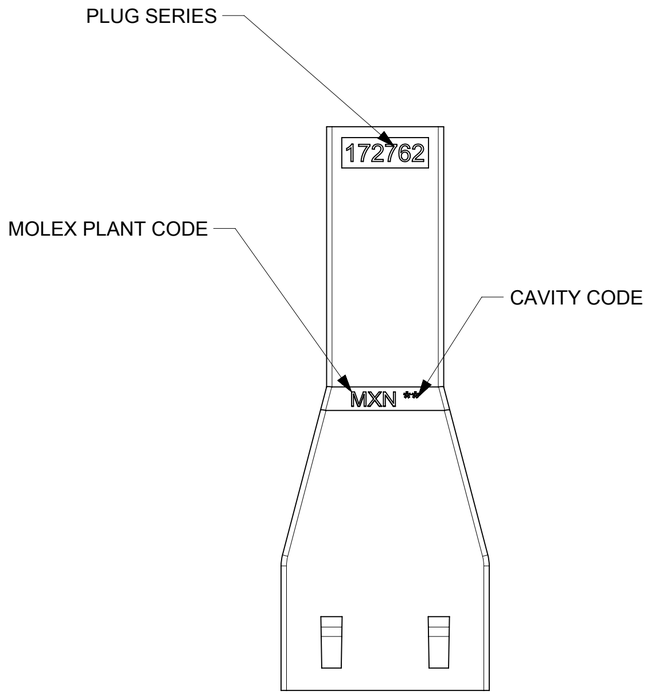
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1727620001-SD	PSD	000	A6

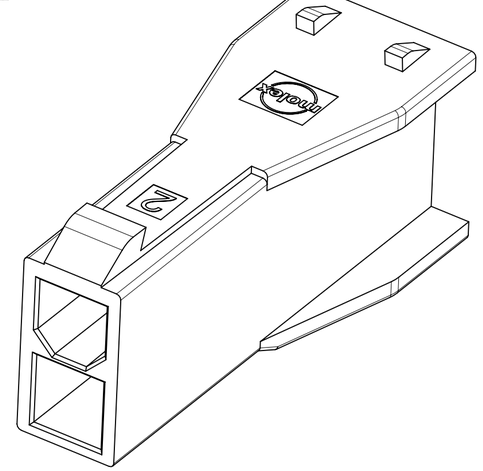
DOCUMENT STATUS	P1	RELEASE DATE	2023/11/15 09:48:29

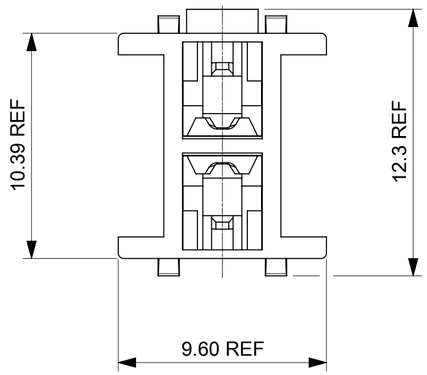
FORMAT: master-tb-prod-A2
REVISION: J1
DATE: 2021/05/01

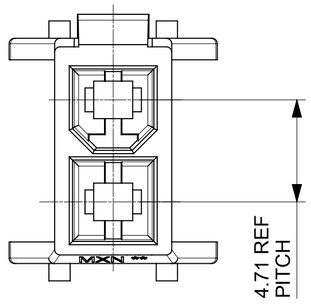












THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.25
1 PLACE	± 0.36
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 768511
DRWN: JERRYW8 2023/11/02
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APPR: XQZHANG 2023/11/15

INITIAL REVISION:
DRWN: ALUO02 2019/09/18
APPR: YXZHENG 2019/10/11

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 172762

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SD-DRAWING OF MINI-FIT SIGMA DR PLUG

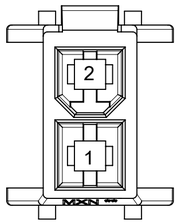
PRODUCT CUSTOMER DRAWING

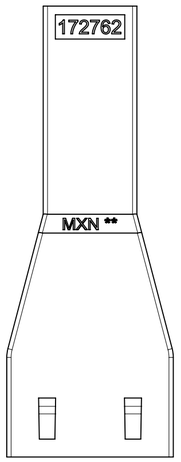
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1727620001-SD	PSD	000	A6

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 4

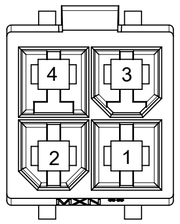
DOCUMENT STATUS	P1	RELEASE DATE	2023/11/15 09:48:29

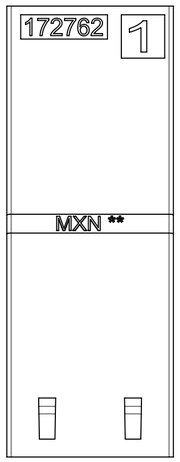
FORMAT: master-tb-prod-A2
REVISION: J1
DATE: 2021/05/01



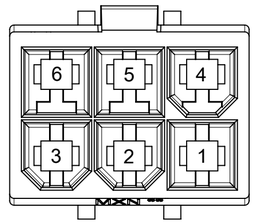


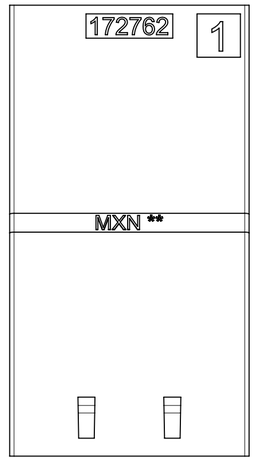
2-CKT



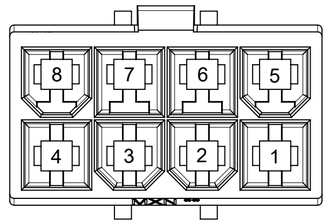


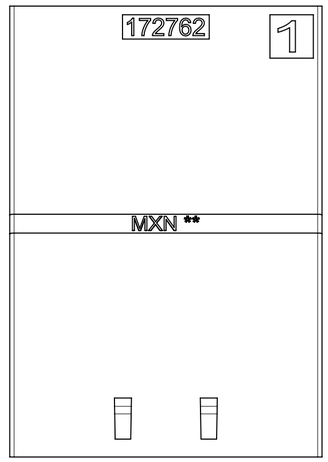
4-CKT



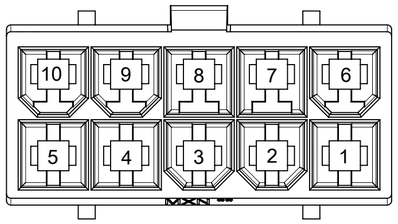


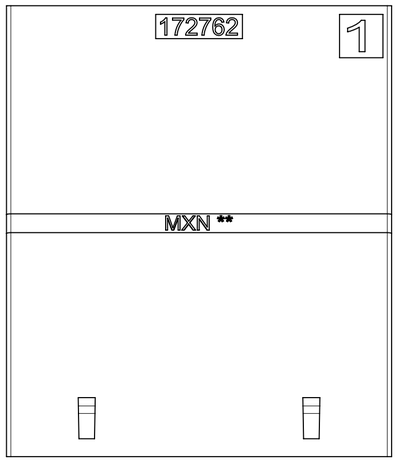
6-CKT



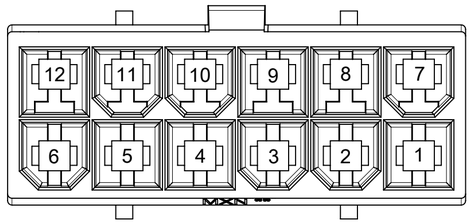


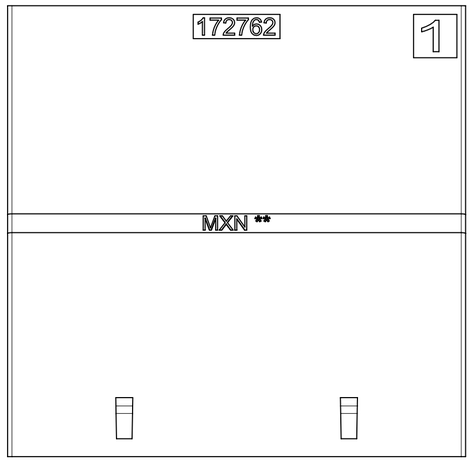
8-CKT





10-CKT





12-CKT

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	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.36
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 768511
DRWN: JERRYW8 2023/11/02
CHK'D: XQZHANG 2023/11/15
APPR: XQZHANG 2023/11/15

INITIAL REVISION:
DRWN: ALUO02 2019/09/18
APPR: YXZHENG 2019/10/11

molex

SD-DRAWING OF MINI-FIT SIGMA DR PLUG

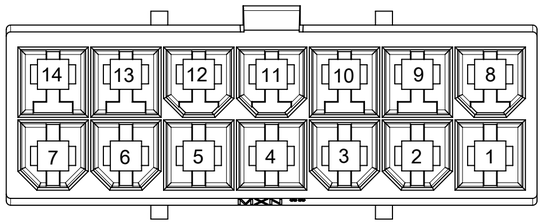
PRODUCT CUSTOMER DRAWING

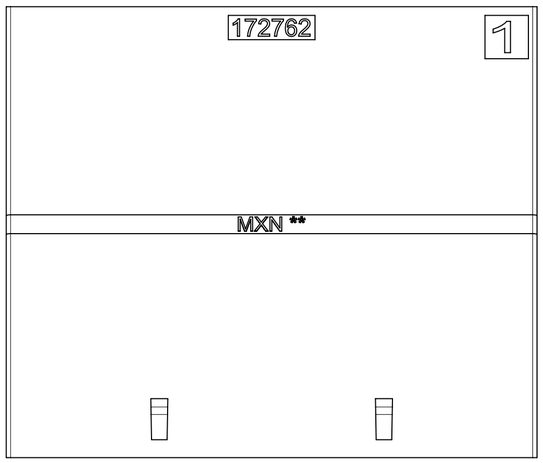
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1727620001-SD	PSD	000	A6

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A2-SIZE	172762	SEE TABLE	GENERAL MARKET	3 OF 4

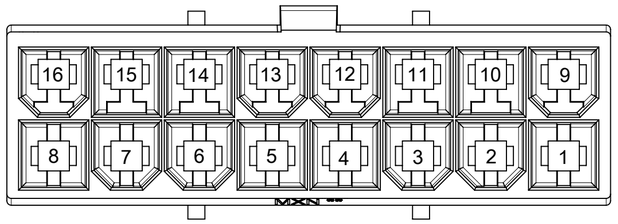
DOCUMENT STATUS	P1	RELEASE DATE	2023/11/15 09:48:29

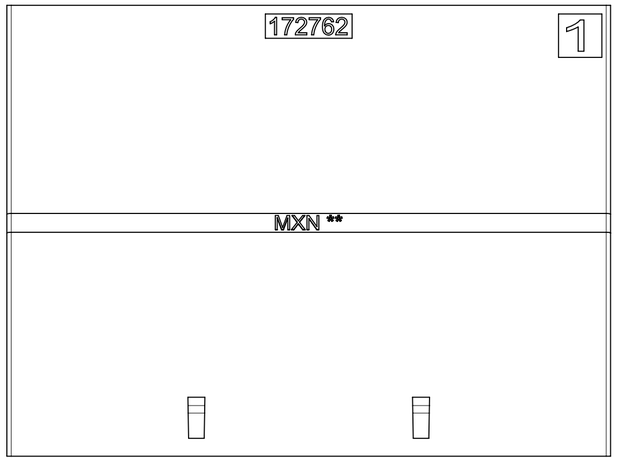
FORMAT: master-tb-prod-A2
REVISION: 21
DATE: 2021/05/01



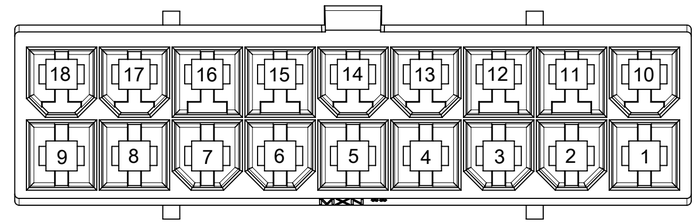


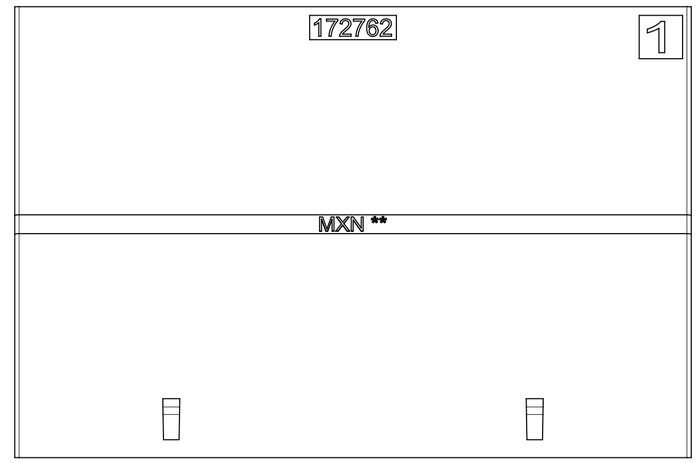
14-CKT





16-CKT





18-CKT

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.36
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 768511

DRWN:	JERRYW8	2023/11/02
CHK'D:	XQZHANG	2023/11/15
APPR:	XQZHANG	2023/11/15

INITIAL REVISION:

DRWN:	ALUO02	2019/09/18
APPR:	YXZHENG	2019/10/11

THIRD ANGLE PROJECTION

DRAWING: A2-SIZE

SERIES: 172762

molex

SD-DRAWING OF MINI-FIT SIGMA DR PLUG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1727620001-SD	PSD	000	A6

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

DOCUMENT STATUS	P1	RELEASE DATE	2023/11/15 09:48:29

FORMAT: master-lib-prod-A2
REVISION: J1
DATE: 2021/05/01