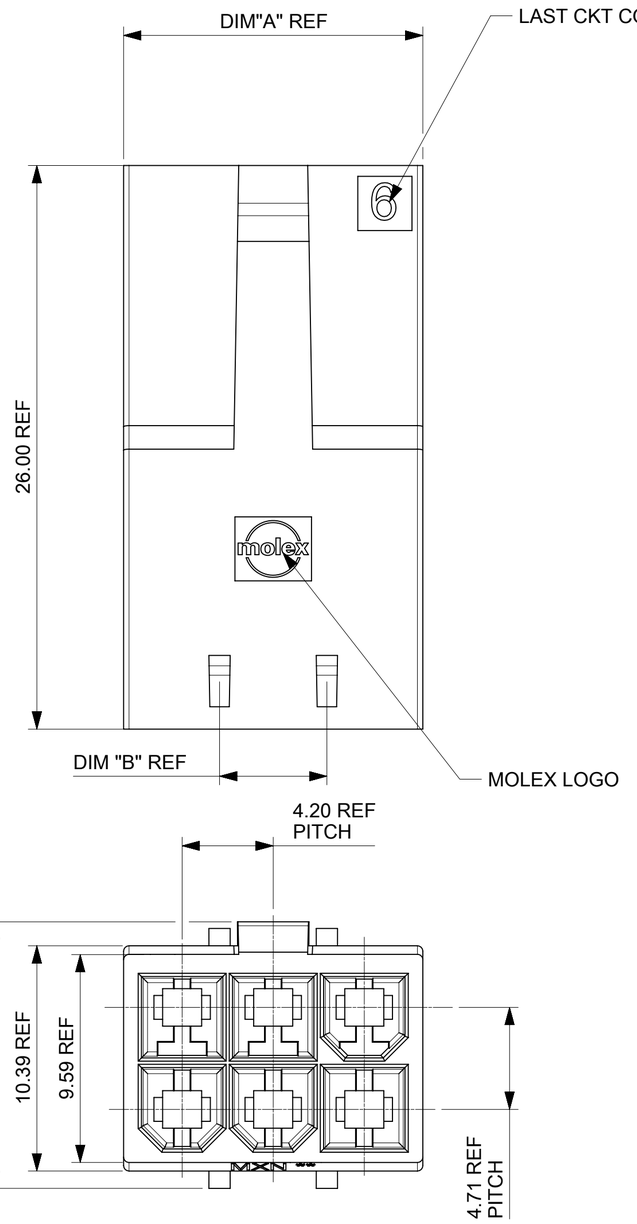
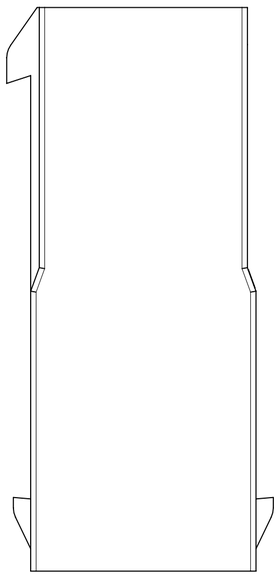
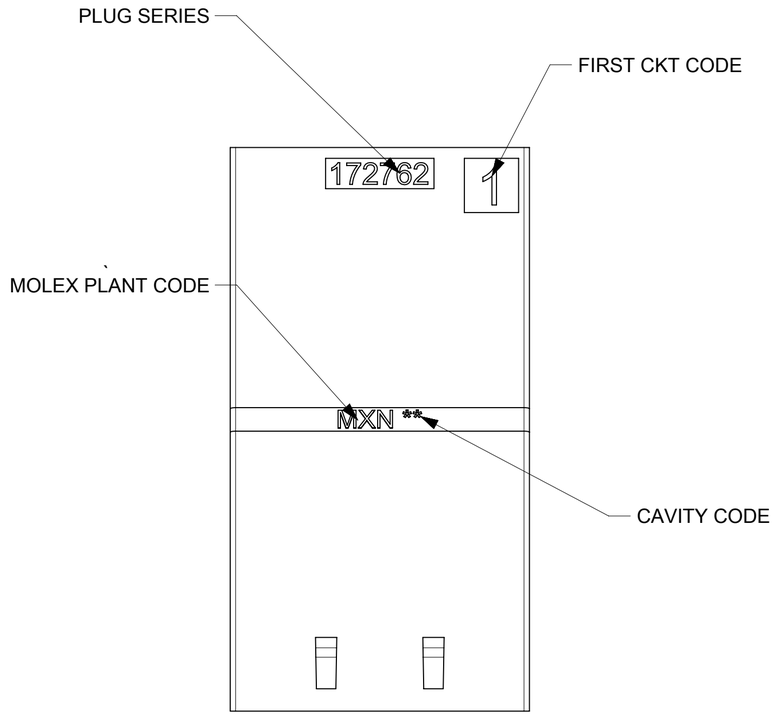
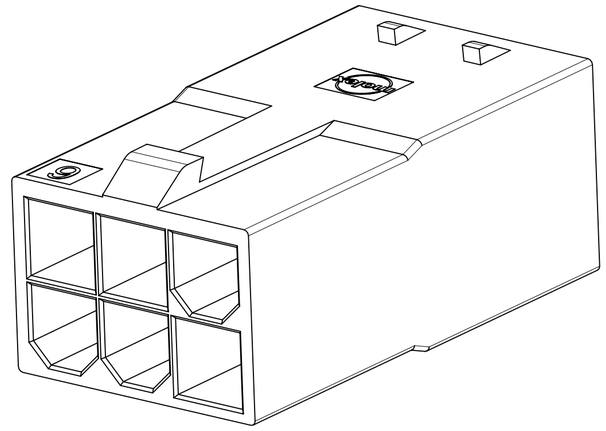
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1727621004	4	9.60	4.95
1727621006	6	13.80	4.95
1727621008	8	18.00	4.95
1727621010	10	22.20	12.95
1727621012	12	26.40	12.95
1727621014	14	30.60	12.95
1727621016	16	34.80	12.95
1727621018	18	39.00	20.95









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: 172762-0001-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 172708-1***
7. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
8. SEE DRAWING 1727090002-SD FOR OTHER TPA INFORMATION.
9. SEE DRAWING 1727080002-SD FOR RECEPTACLE INFORMATION.
10. SEE DRAWINGS SD-172718-0000 AND 2029880001-PSD FOR OTHER CRIMP TERMINAL INFORMATION.

FUNCTIONAL SYMBOLS	
FA	= 0
FC	= 0
FP	= 0
DIVISIONAL SYMBOLS	

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DIMENSION UNITS	SCALE
mm	5:1

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: 653179
DRWN: ALUO02 2021/01/15
CHK'D: YXZHENG 2021/01/18
APPR: YXZHENG 2021/01/18

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

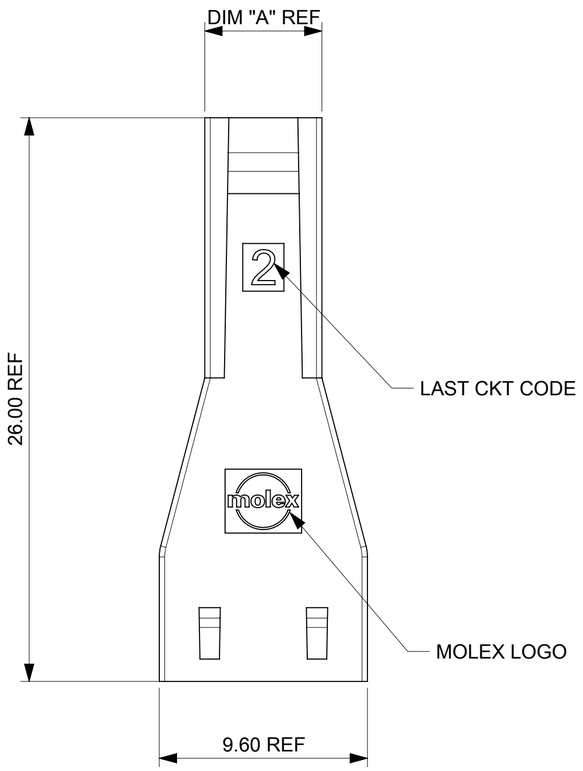
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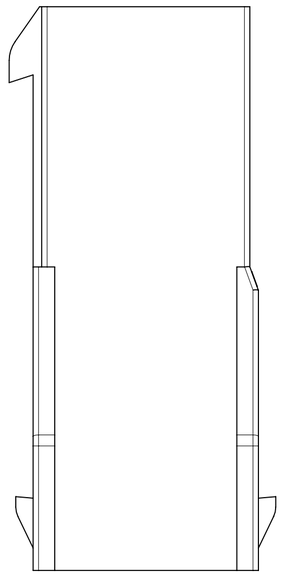
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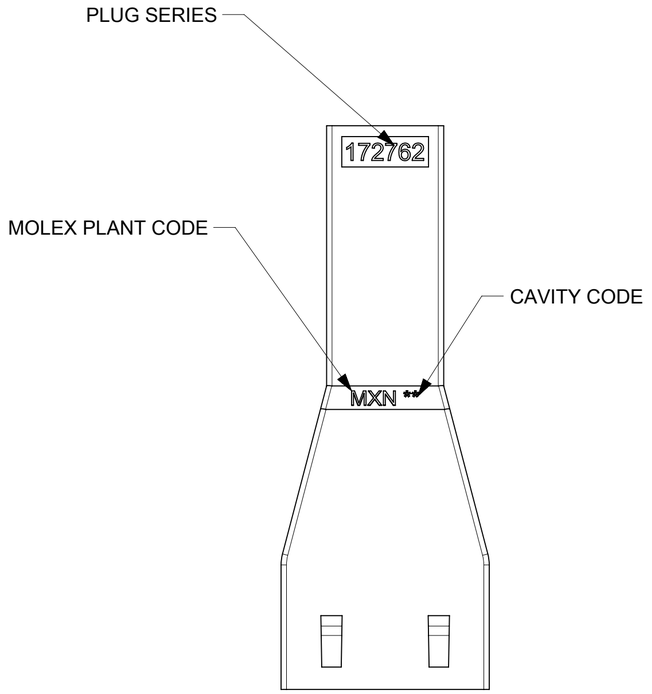
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 4

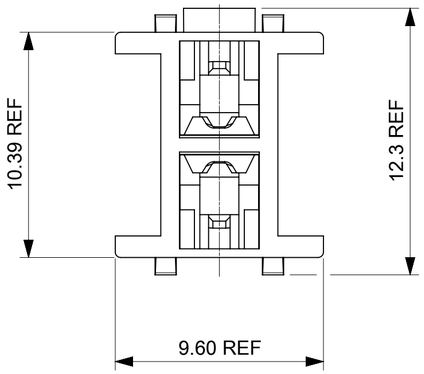
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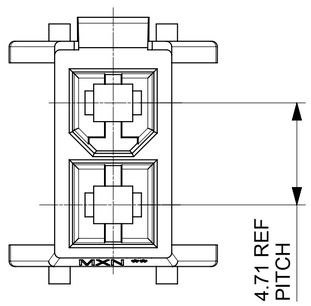
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FUNCTIONAL SYMBOLS	EA = 0	DIMENSION UNITS	mm
	EC = 0	SCALE	5:1
	EP = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
DIVISIONAL SYMBOLS		ANGULAR TOL ± °	
		4 PLACES ±	
		3 PLACES ±	
		2 PLACES ± 0.25	
		1 PLACE ± 0.36	
		0 PLACES ±	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 653179
DRWN: ALUO02 2021/01/15
CHK'D: YXZHENG 2021/01/18
APPR: YXZHENG 2021/01/18

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

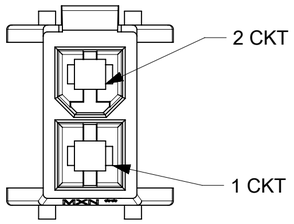
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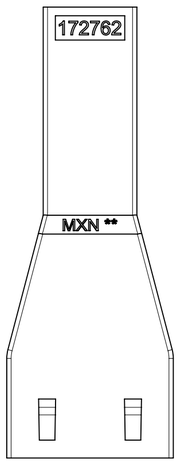
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MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 4

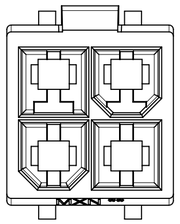
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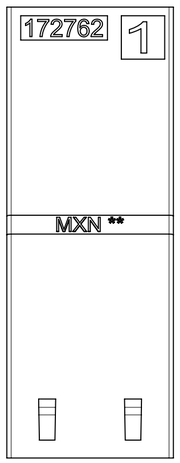
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DATE: 2020/01/14



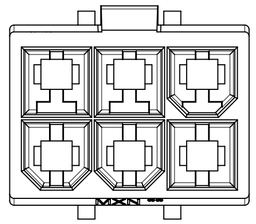


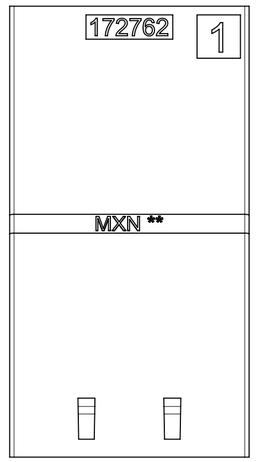
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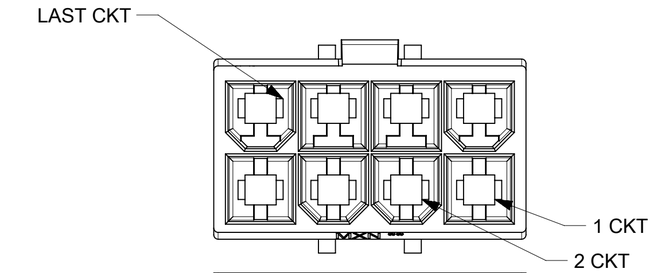


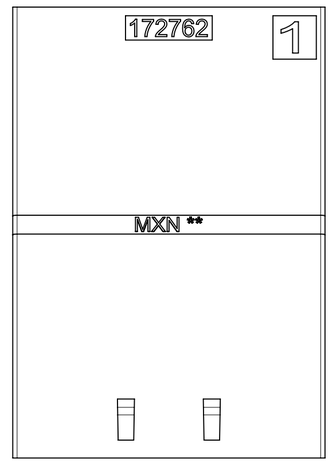
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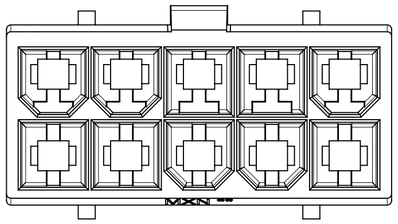


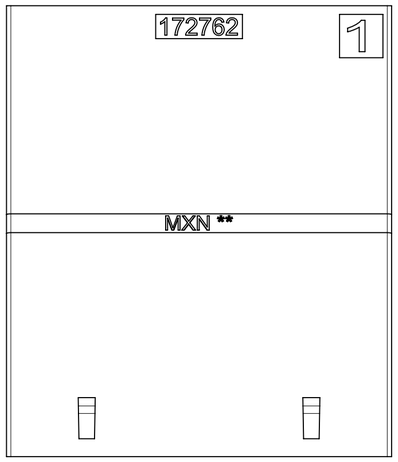
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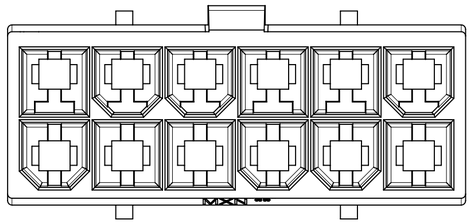


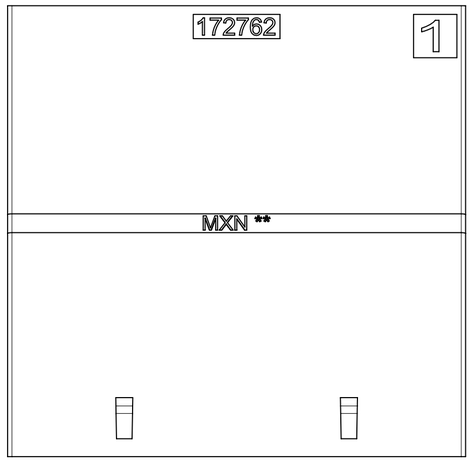
8-CKT





10-CKT





12-CKT

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FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:
EA = 0	mm	5:1	
EC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
EP = 0	ANGULAR TOL ± °		EC NO: 653179
DIVISIONAL SYMBOLS	4 PLACES ±		DRWN: ALUO02 2021/01/15
	3 PLACES ±		CHK'D: YXZHENG 2021/01/18
	2 PLACES ± 0.25		APPR: YXZHENG 2021/01/18
	1 PLACE ± 0.36		INITIAL REVISION:
	0 PLACES ±		DRWN: ALUO02 2019/09/18
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: YXZHENG 2019/10/11

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SD-DRAWING OF MINI-FIT SIGMA DR PLUG

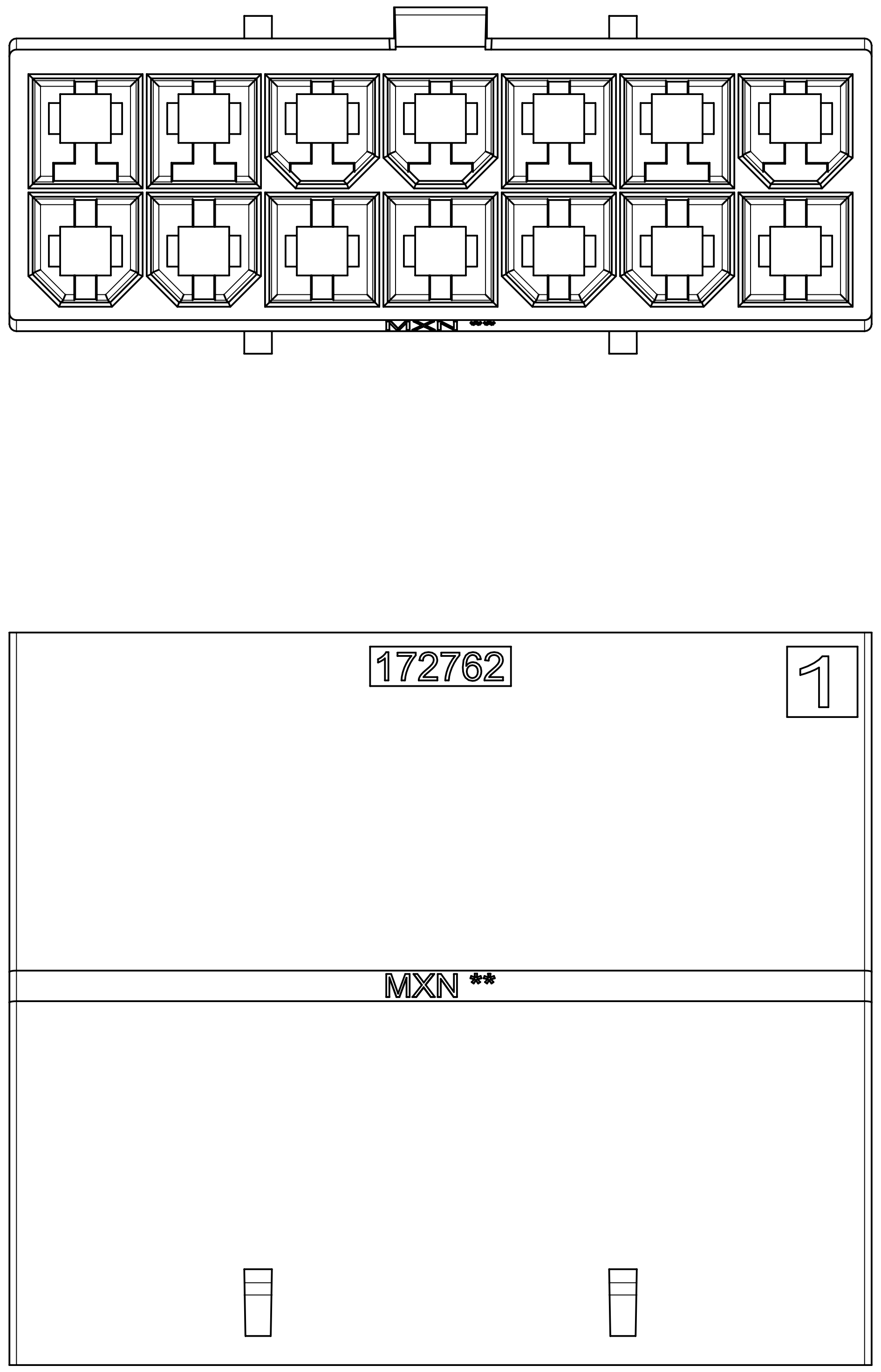
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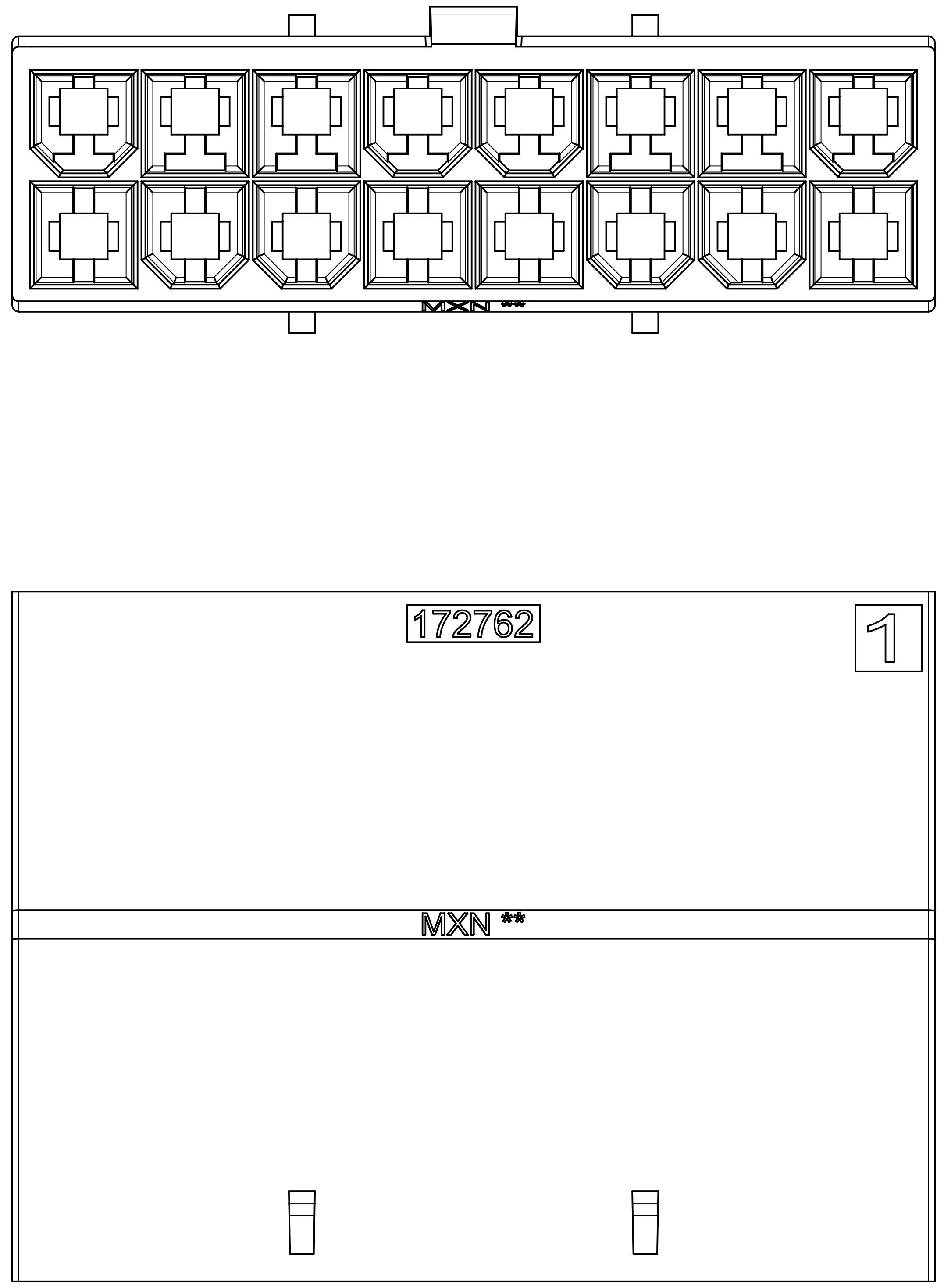
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	A2-SIZE	172762	SEE TABLE	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2021/01/18 01:45:36

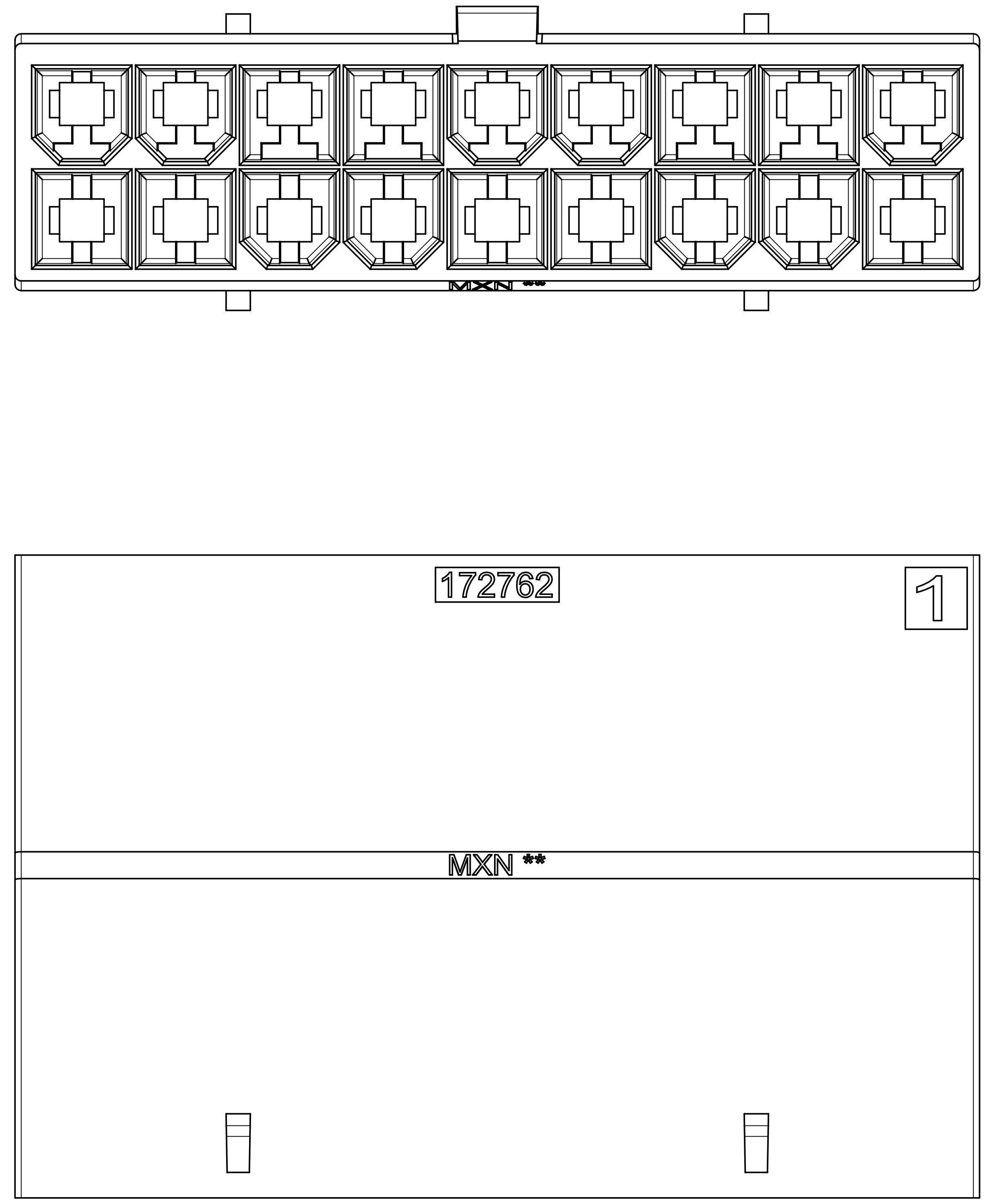
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REVISION: J
DATE: 2020/01/14



14-CKT



16-CKT



18-CKT

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FUNCTIONAL SYMBOLS	DIMENSION UNITS: mm	SCALE: 5:1
FA = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
FC = 0	ANGULAR TOL	± °
FP = 0	4 PLACES	±
DIVISIONAL SYMBOLS	3 PLACES	±
	2 PLACES	± 0.25
	1 PLACE	± 0.36
	0 PLACES	±
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 653179
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APPR: YXZHENG 2021/01/18

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	A4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2021/01/18 01:45:36

FORMAT: master-tb-prod-A2
REVISION: J
DATE: 2020/01/14

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