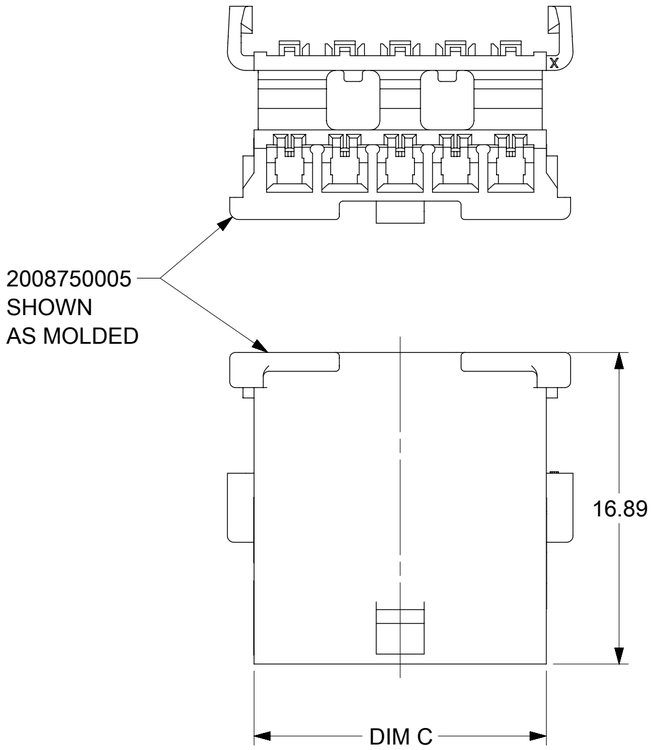
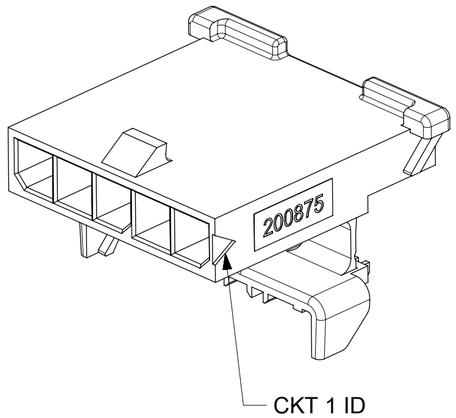
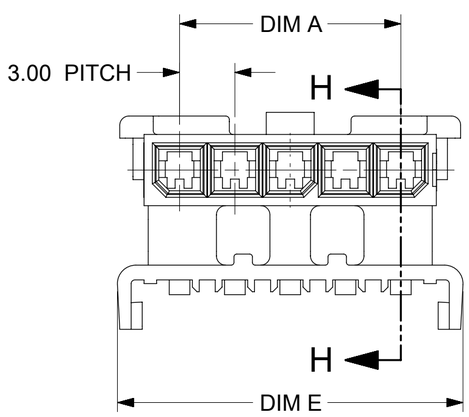


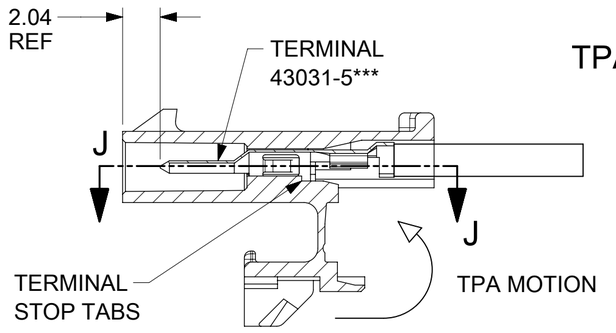


FREE HANGING OPTION

NOTES:

1. MATERIAL
   "A": NYLON, V-0 LOW HALOGEN, COLOR: BLACK
   "B": NYLON, V-0, IEC 60335-1 GLOW WIRE CAPABLE, COLOR: BLACK
2. FINISH: NONE
3. PRODUCT SPECIFICATION: PS-43650
4. PACKAGING SPECIFICATION: 2008750000-PK
5. THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL NUMBERS 430315***.
6. THIS PART MATES WITH MOLEX SERIES 171850 AND 43645.
7. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
8. REFER TO AS-45499-001 FOR MOISTURIZING NYLON CONNECTOR PARTS.
9. PRODUCT MUST BE USED WITH TPA INSTALLED.
10. TPA IS INTENDED FOR ONE TIME USE.
11. INTENDED FOR USE WITH 20-30 AWG WIRES ONLY.
12. SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE THAT DOES NOT AFFECT FUNCTIONALITY.
13. CIRCUIT SIZES 6 TO 12 HAVE ADDITIONAL TPA LATCHING GEOMETRY NEAR THE CENTER OF THE PART THAT MUST BE FULLY ENGAGED FOR TPA TO BE PROPERLY CLOSED.
14. PLUG DESIGNED FOR 1.57 TO 2.30 THICK STAMPED PANEL OR PRINTED CIRCUIT BOARD.
15. PANEL MOUNT FEATURES MUST LOCK ON SIDE OPPOSITE PUNCH SIDE FOR OPTIMUM RETENTION.
16. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

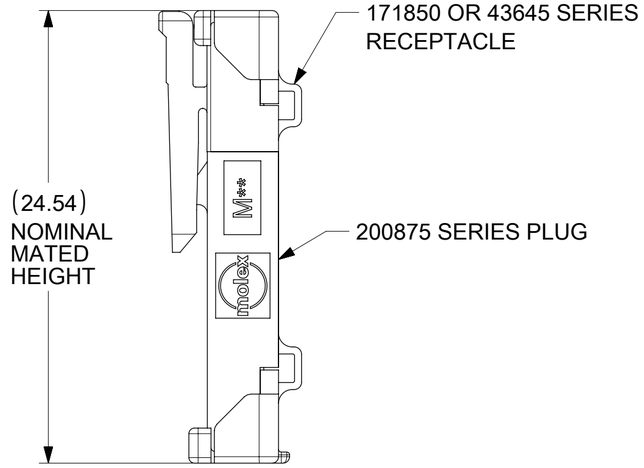


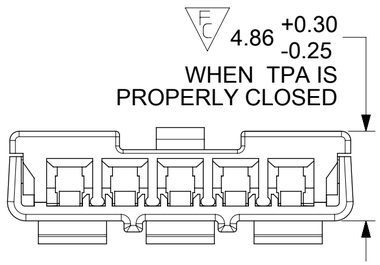


SECTION H-H

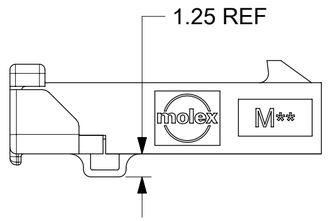
TPA OPEN

SECTION J-J





TPA CLOSED



CIRCUIT SIZE	DIM A	DIM C	DIM E
2	3.00	6.85	9.74
3	6.00	9.85	12.74
4	9.00	12.85	15.74
5	12.00	15.85	18.74
6	15.00	18.85	21.74
7	18.00	21.85	24.74
8	21.00	24.85	27.74
9	24.00	27.85	30.74
10	27.00	30.85	33.74
11	30.00	33.85	36.74
12	33.00	36.85	39.74

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FUNCTIONAL SYMBOLS
FA = 0
FC = 1
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: mm | SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.35
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD 8CKT AND GW OPTION

EC NO: 682217
DRWN: MKIPPER 2020/11/13
CHK'D: SSOUSEK 2022/09/06
APPR: FSMITH 2022/09/07

INITIAL REVISION:
DRWN: TGREGORI 2017/01/05
APPR: RHODGE 2017/01/06

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MICRO-FIT TPA SINGLE ROW PLUG HOUSING

PRODUCT CUSTOMER DRAWING

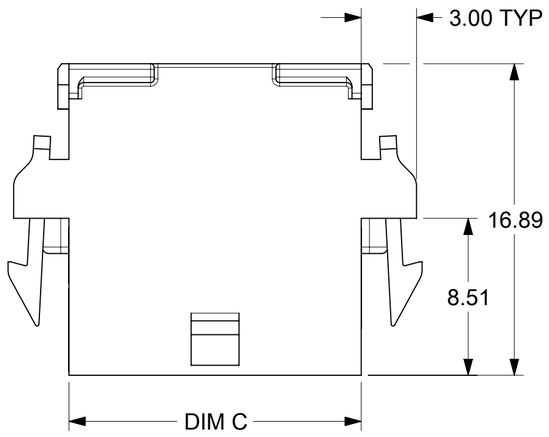
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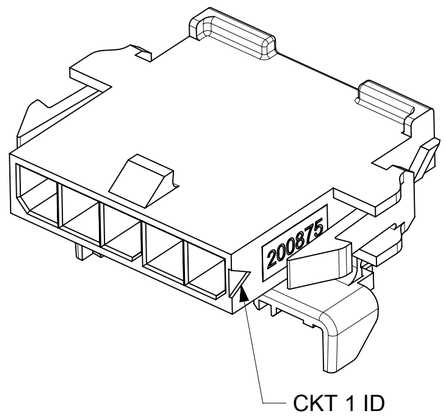
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	200875	SEE TABLE	GENERAL MARKET	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/07 15:58:13

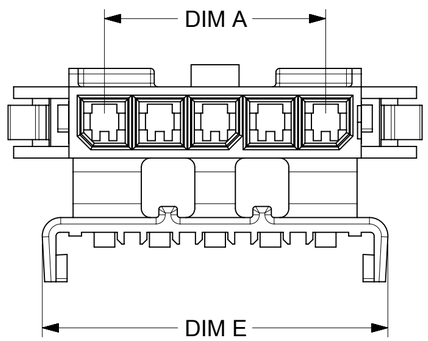
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DATE: 2020/01/14

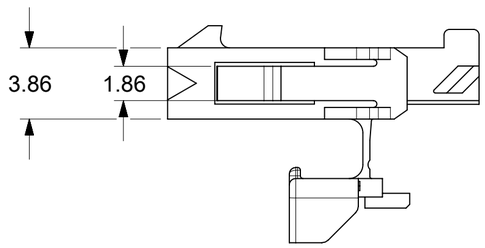
MICRO FIT SINGLE ROW TPA PLUG WITH PANEL MOUNT

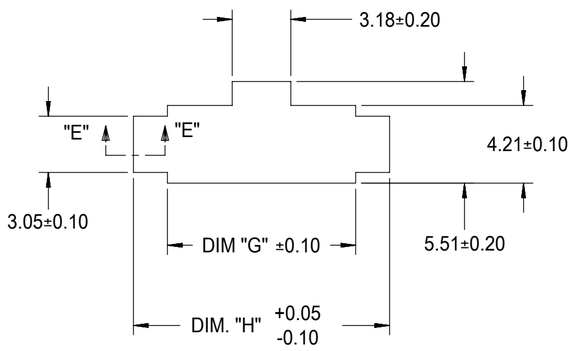




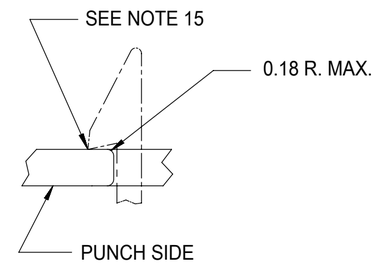
PANEL MOUNTED OPTION







RECOMMENDED PANEL CUT-OUT
(SEE NOTES 14 AND 15)



SECTION "E"-"E"
NO SCALE

CIRCUIT SIZE	TOOL STATUS	MATERIAL "A" V-0 LOW HALOGEN		MATERIAL "B" V-0 GLOW WIRE	
		FREE HANGING PART NUMBER	PANEL MOUNTED PART NUMBER	FREE HANGING PART NUMBER	PANEL MOUNTED PART NUMBER
2	TOOLED	2008750002	2008750102	2008751002	2008751102
3		2008750003	2008750103	2008751003	2008751103
4		2008750004	2008750104	2008751004	2008751104
5		2008750005	2008750105	2008751005	2008751105
6		2008750006	2008750106	2008751006	2008751106
7		2008750007	2008750107	2008751007	2008751107
8		2008750008	2008750108	2008751008	2008751108
9	NOT TOOLED	2008750009	2008750109	2008751009	2008751109
10		2008750010	2008750110	2008751010	2008751110
11		2008750011	2008750111	2008751011	2008751111
12		2008750012	2008750112	2008751012	2008751112

CIRCUIT SIZE	DIM A	DIM C	DIM E	DIM G	DIM H
2	3.00	6.85	9.74	7.21	10.89
3	6.00	9.85	12.74	10.21	13.89
4	9.00	12.85	15.74	13.21	16.89
5	12.00	15.85	18.74	16.21	19.89
6	15.00	18.85	21.74	19.21	22.89
7	18.00	21.85	24.74	22.21	25.89
8	21.00	24.85	27.74	25.21	28.89
9	24.00	27.85	30.74	28.21	31.89
10	27.00	30.85	33.74	31.21	34.89
11	30.00	33.85	36.74	34.21	37.89
12	33.00	36.85	39.74	37.21	40.89

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.25
1 PLACE	± 0.35
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD 8CKT AND GW OPTION

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INITIAL REVISION:
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APPR: RHODGE 2017/01/06

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MICRO-FIT TPA SINGLE ROW PLUG HOUSING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2008750000-SD	PSD	000	D2

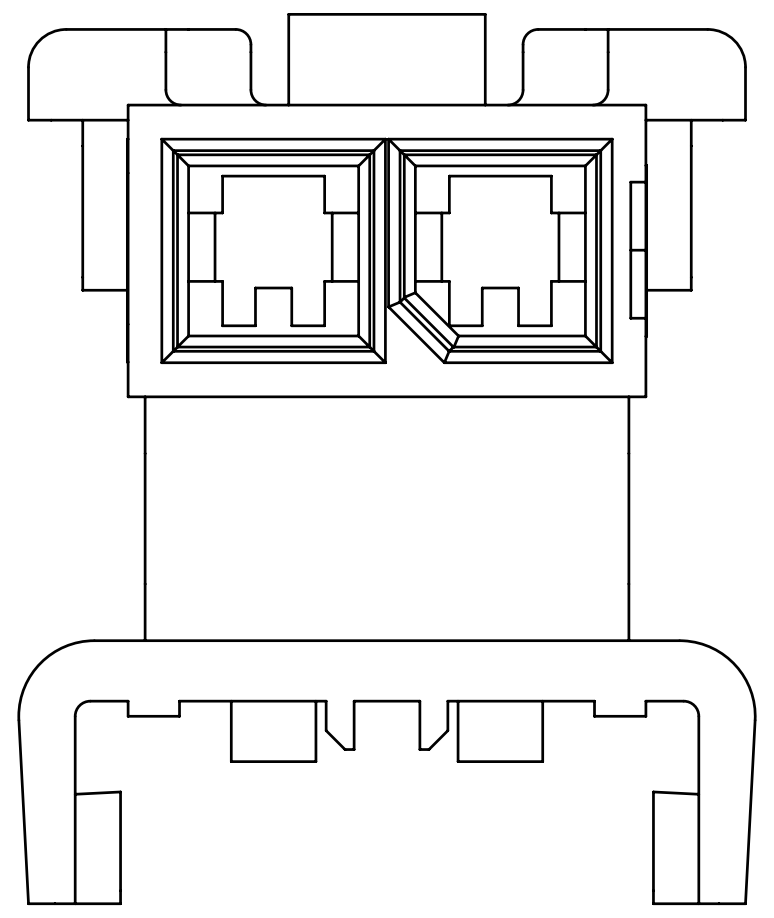
THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 200875 | MATERIAL NUMBER: SEE TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/07 15:58:13

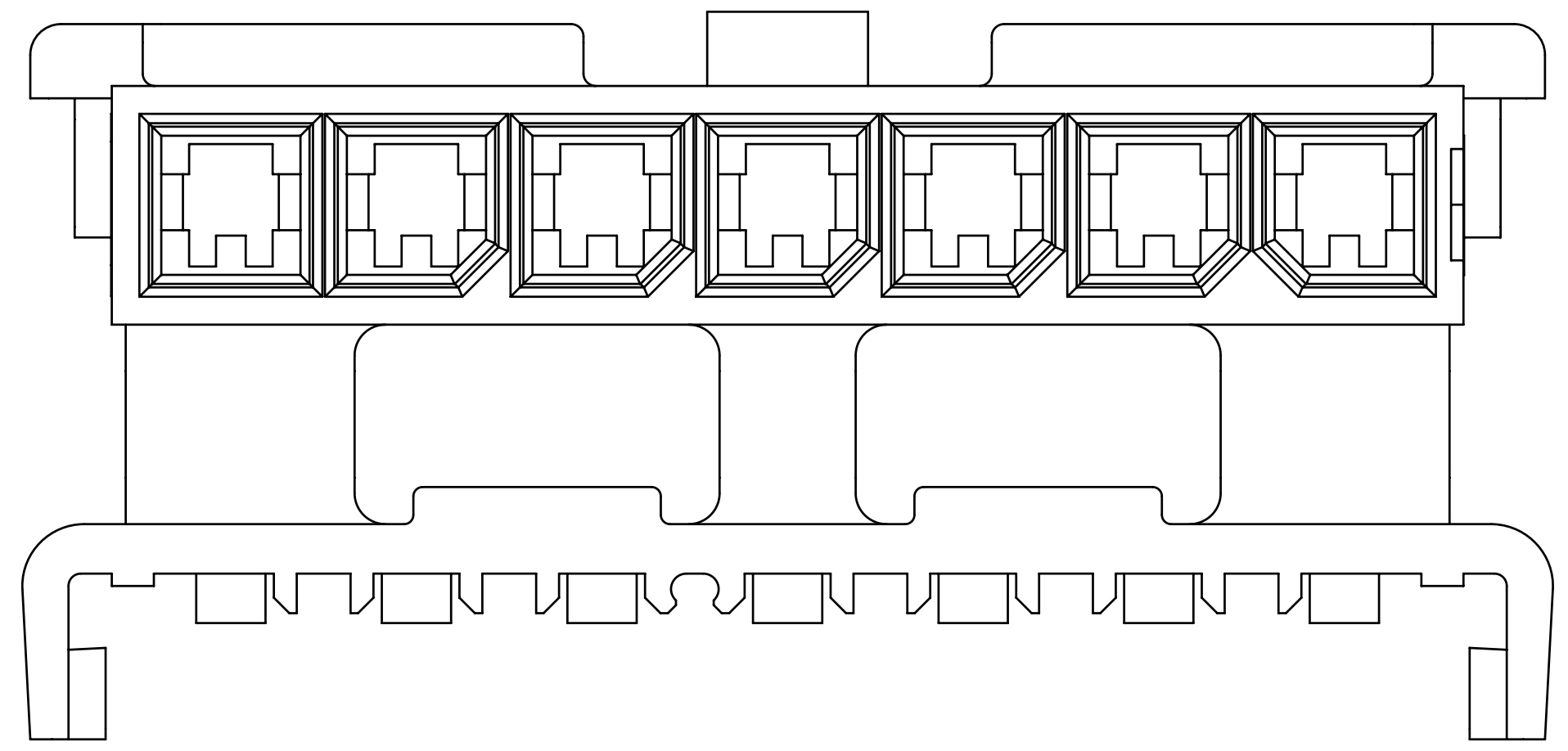
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REVISION: J
DATE: 2020/01/14

POLARIZATION LAYOUT

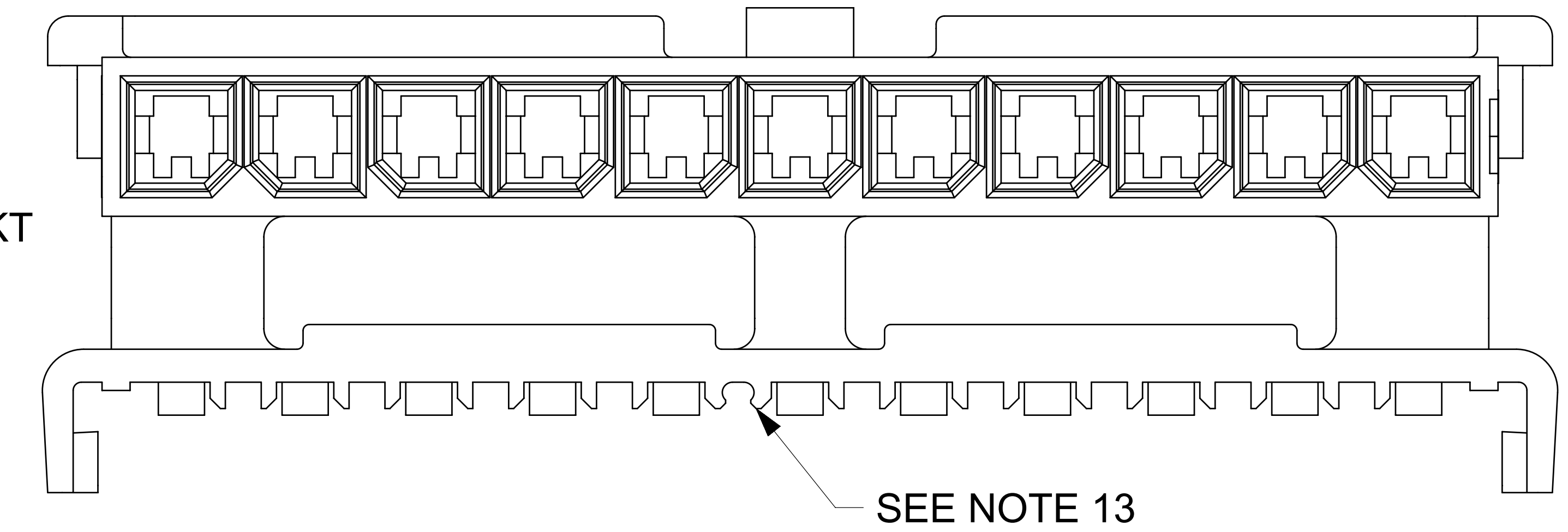
2 CKT



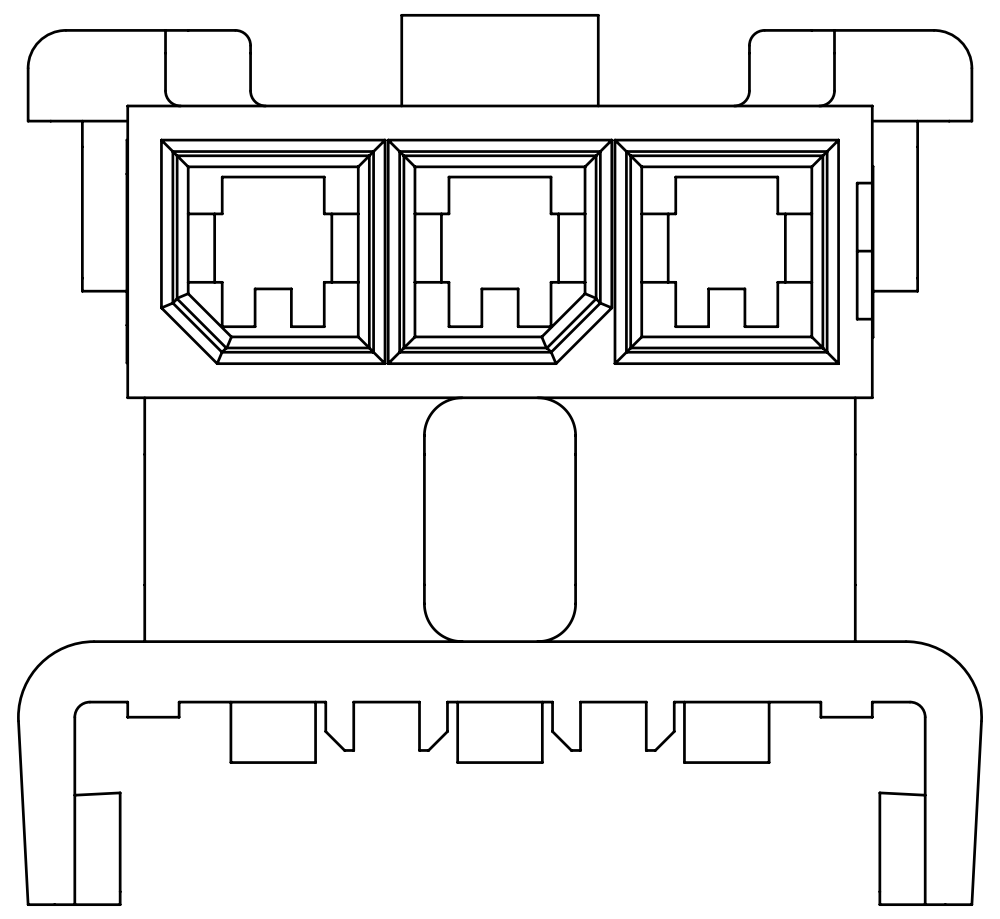
7 CKT



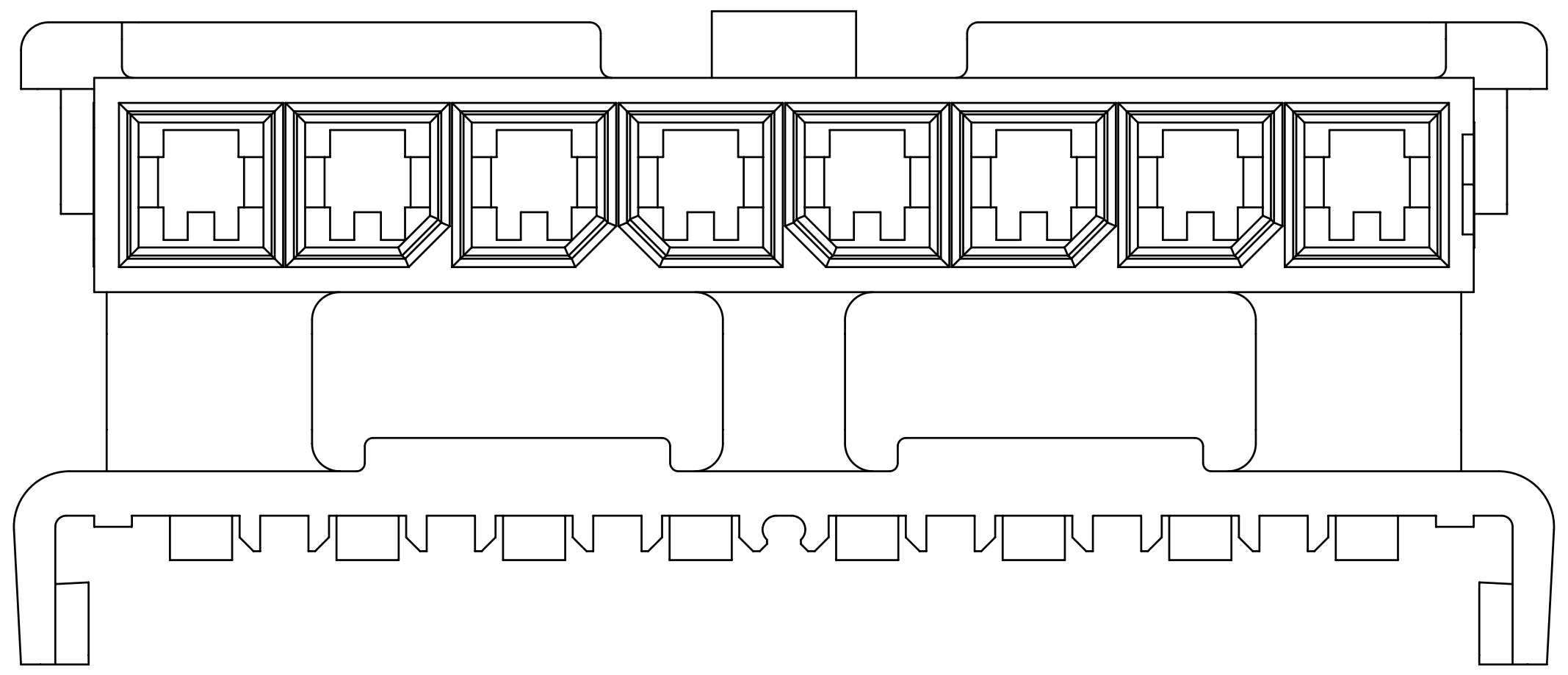
11 CKT



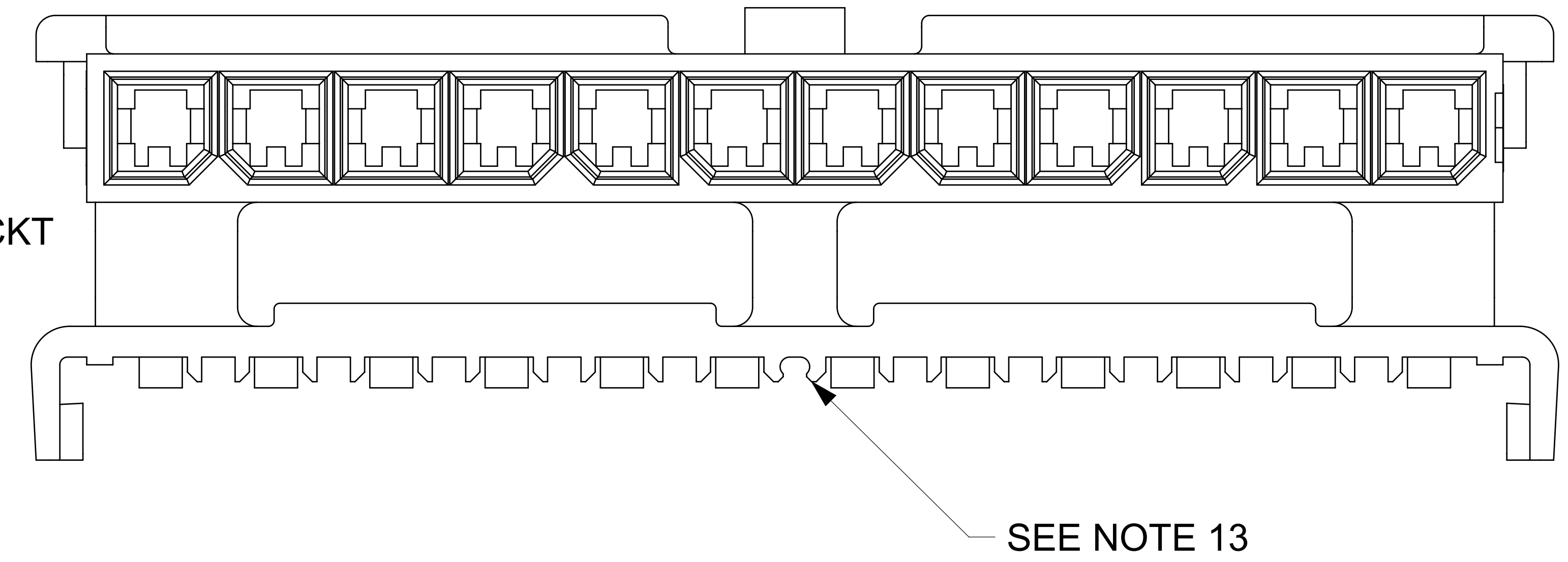
3 CKT



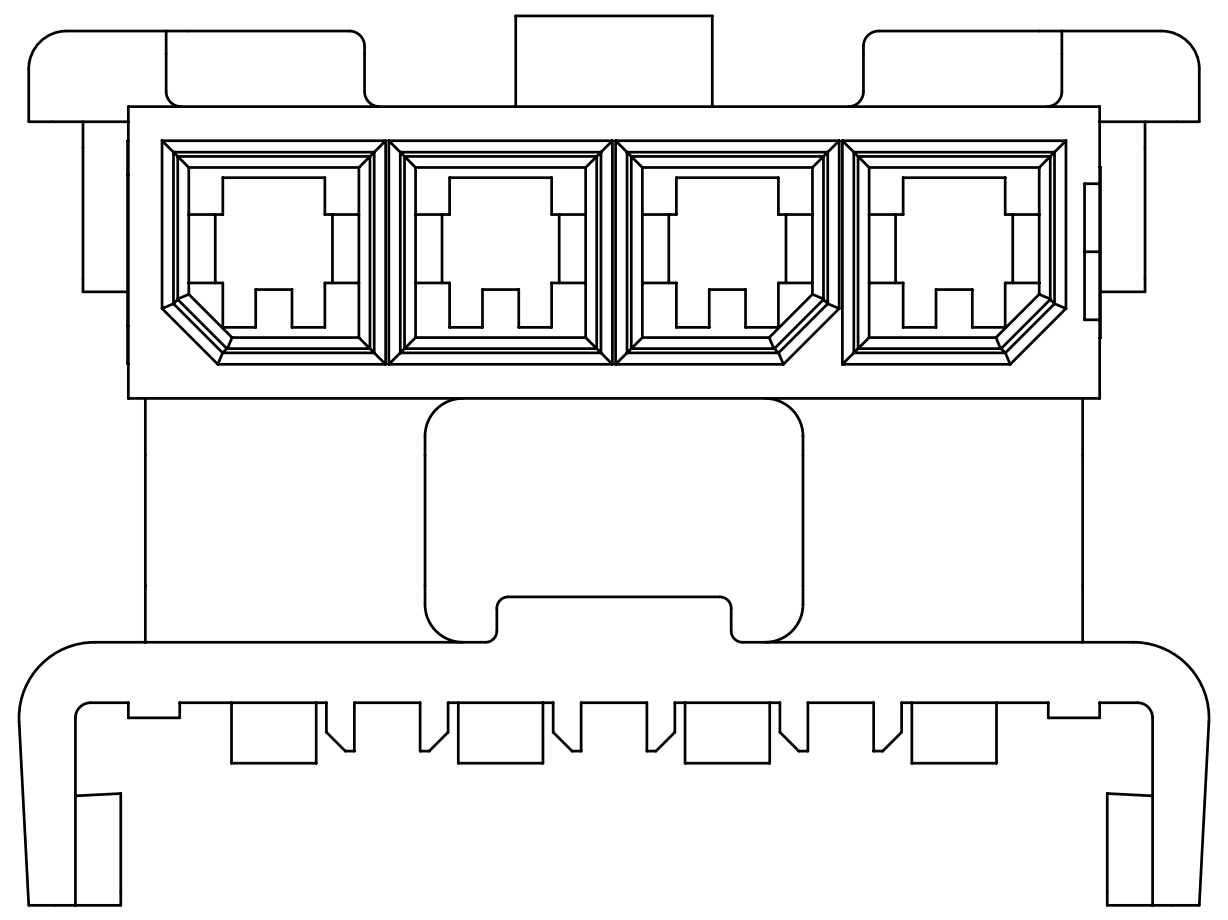
8 CKT



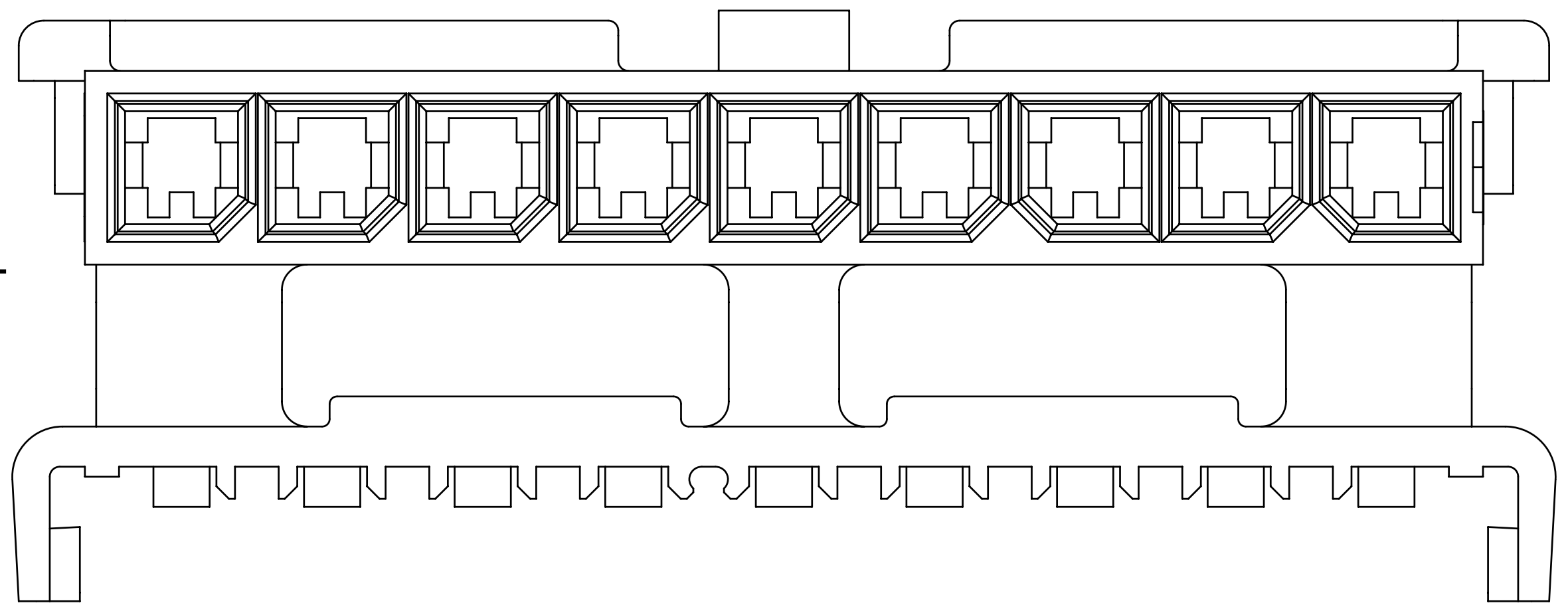
12 CKT



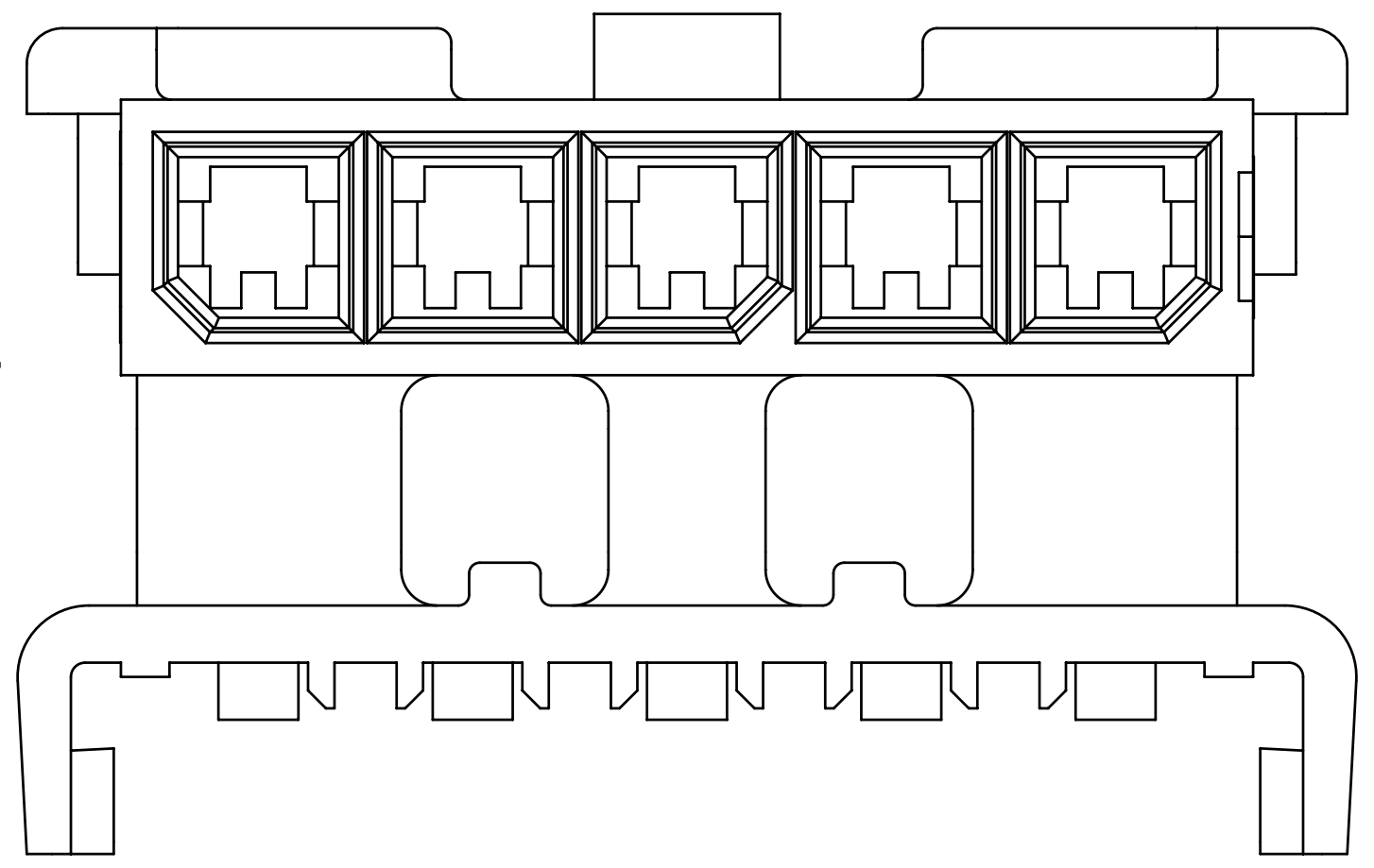
4 CKT



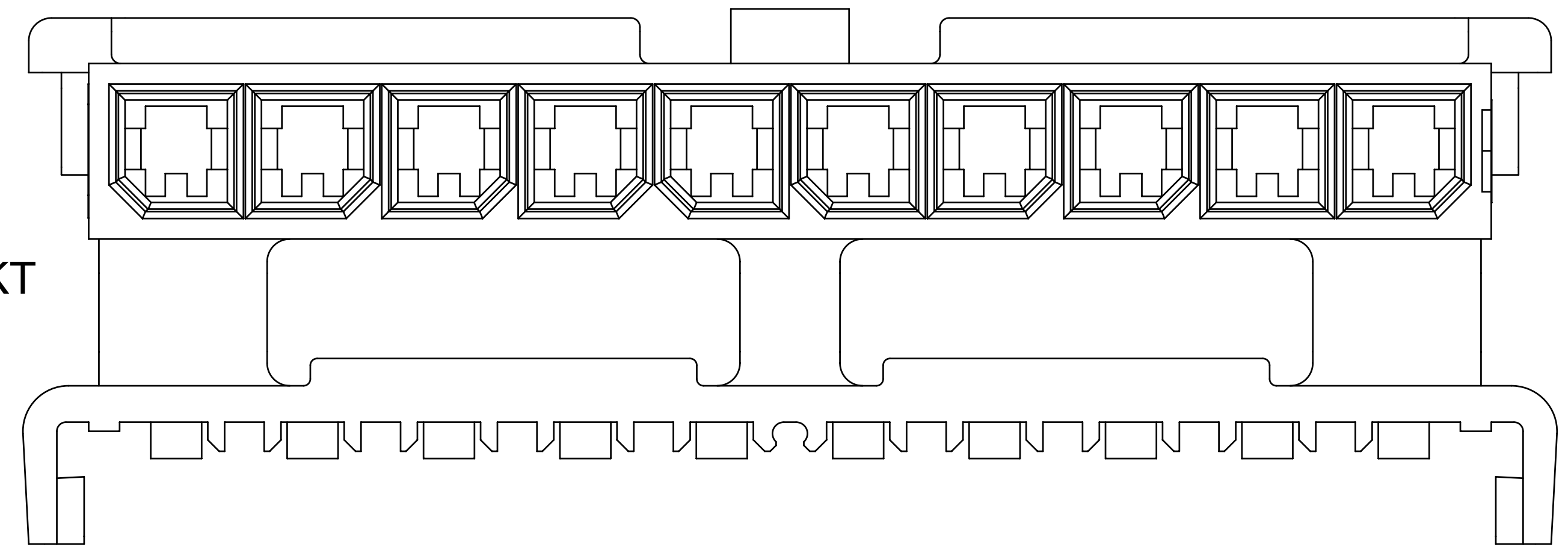
9 CKT



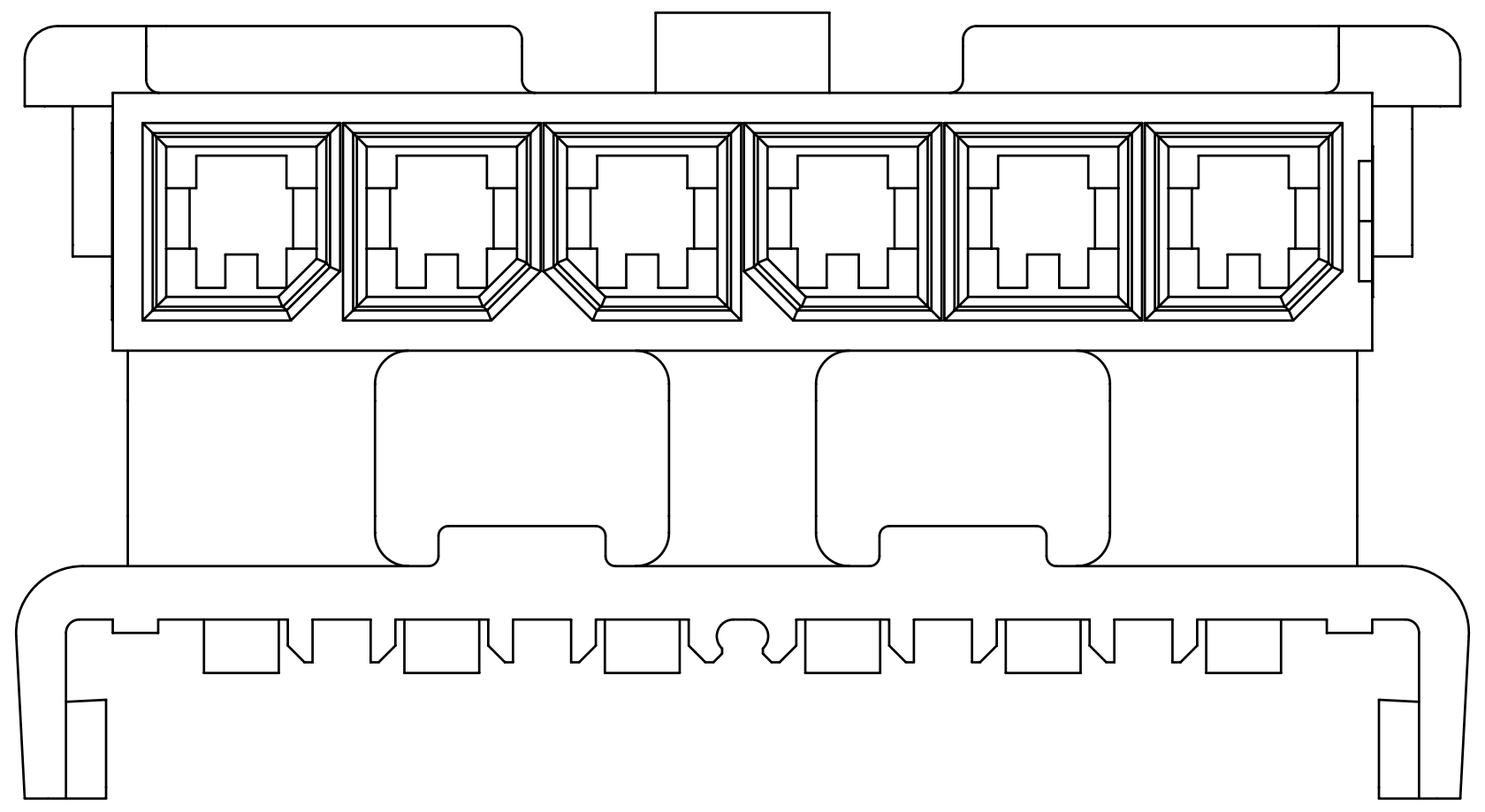
5 CKT



10 CKT



6 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	± 0.35
	0 PLACES	±
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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MICRO-FIT TPA SINGLE ROW PLUG HOUSING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2008750000-SD	PSD	000	D2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	200875	SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/07 15:58:13

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