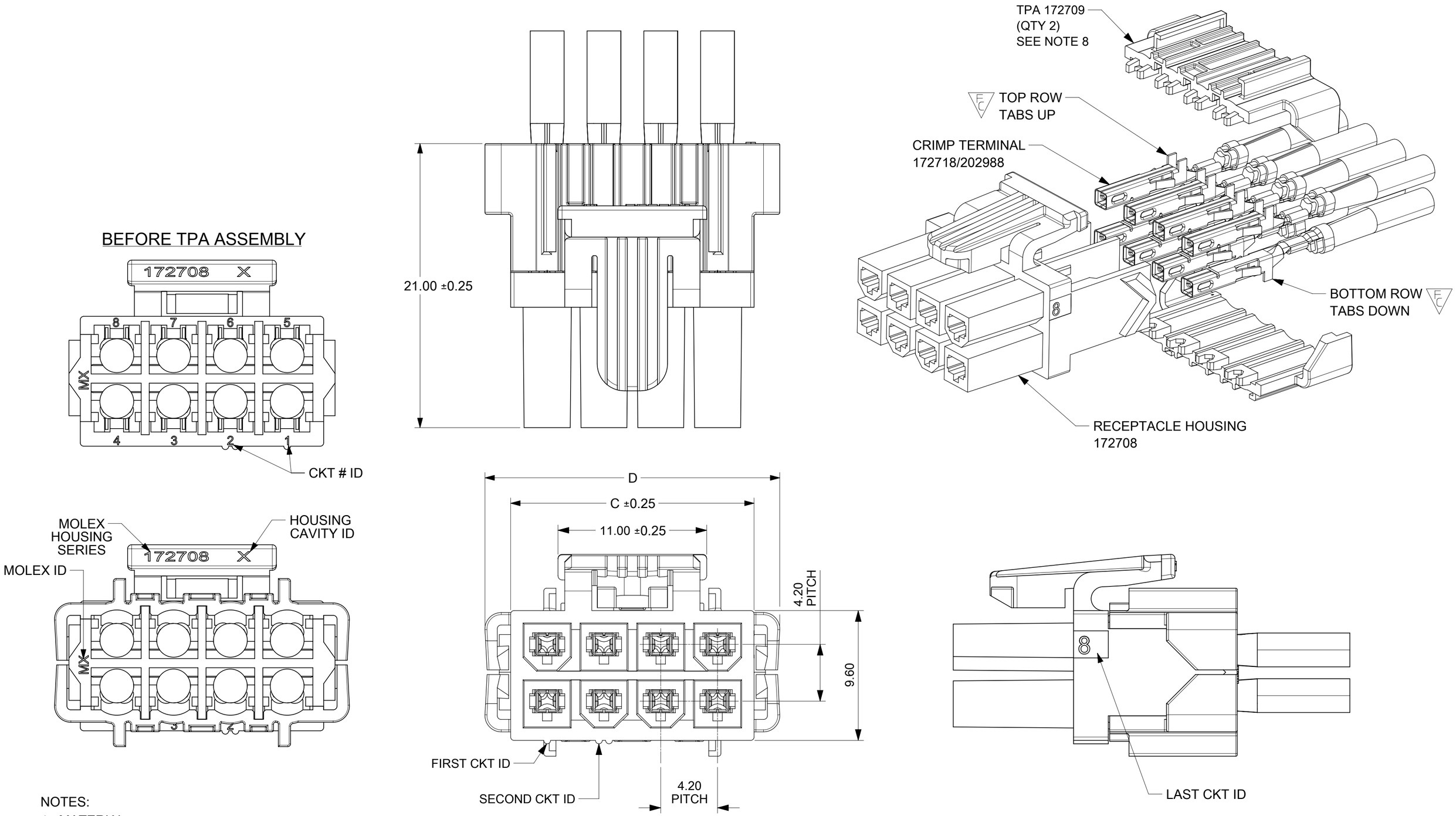


NOTES:

1. MATERIAL:
   'A' = NYLON V-0 LOW HALOGEN; COLOR: BLACK
   'B' = NYLON V-2 GLOW WIRE CAPABLE; COLOR: BLACK
   'C' = NYLON V-2; COLOR: BLACK
2. FINISH: NONE
3. PRODUCT SPECIFICATION: PS-172718-0000 and 2029880001-PS
   APPLICATION SPECIFICATION: AS-172718-0000
4. PACKAGING SPECIFICATION: BULK
   PK-172708-0000
5. THIS PART TO BE USED WITH FEMALE TERMINAL SERIES 172718, 202988 AND TPA SERIES 172709.
6. THIS PART MATES WITH SERIES 5559, 5566, 5569, 172762-0***, 172762-1***, 172767.
7. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
8. THIS PRODUCT MUST BE USED WITH THE TPA INSTALLED.

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	±	0.13
1 PLACE	±	0.2
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 768511
DRWN: JERRYW8 2023/11/06
CHK'D: XQZHANG 2023/11/15
APPR: XQZHANG 2023/11/15

INITIAL REVISION:
DRWN: TGREGORI 2014/09/10
APPR: TGREGORI 2014/09/24

THIRD ANGLE PROJECTION

DRAWING	SERIES
C-SIZE	172708

molex

HOUSING, DUAL ROW RECEPTACLE
MINI-FIT TPA2

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172708-0000	PSD	000	H7

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

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

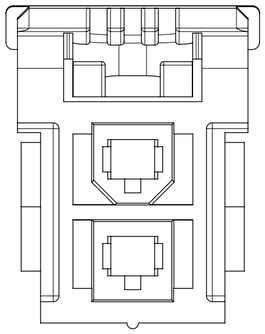
FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

PART NUMBER	CKTS	DIM C	DIM D	MATERIAL
172708-0002	2	8.00	11.80	A
172708-0102				B
172708-0202				C
172708-0004	4	9.60	13.40	A
172708-0104				B
172708-0204				C
172708-0006	6	13.80	17.60	A
172708-0106				B
172708-0206				C
172708-0008	8	18.00	21.80	A
172708-0108				B
172708-0208				C
172708-0010	10	22.20	26.00	A
172708-0110				B
172708-0210				C
172708-0012	12	26.40	30.20	A
172708-0112				B
172708-0212				C

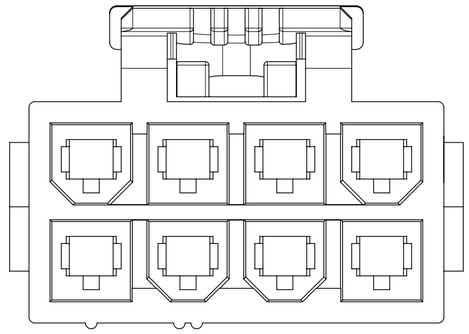
POLARIZATION DETAIL

SHOWN WITHOUT TPA OR TERMINAL FOR CLARITY

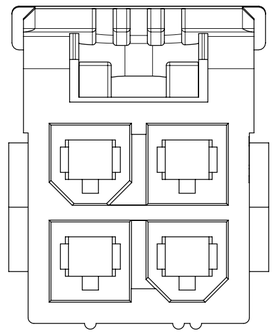
2 CKT



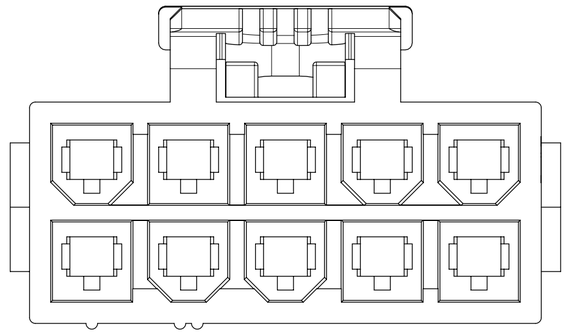
8 CKT



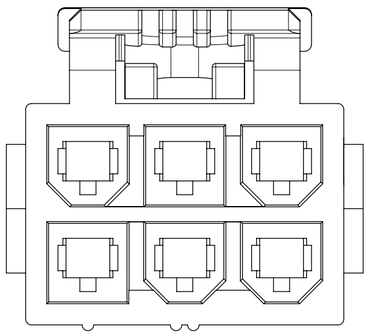
4 CKT



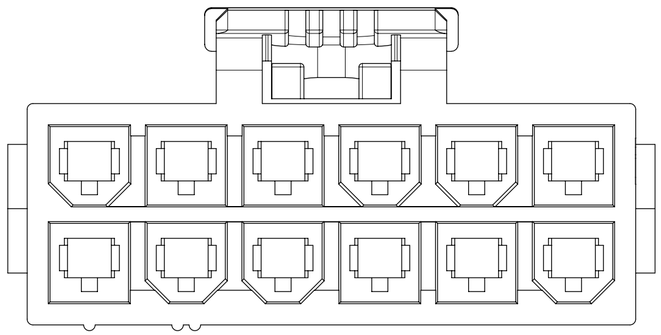
10 CKT



6 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	±	0.13
1 PLACE	±	0.2
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 768511
DRWN: JERRYW8 2023/11/06
CHK'D: XQZHANG 2023/11/15
APPR: XQZHANG 2023/11/15

INITIAL REVISION:
DRWN: TGREGORI 2014/09/10
APPR: TGREGORI 2014/09/24

molex

HOUSING, DUAL ROW RECEPTACLE
MINI-FIT TPA2

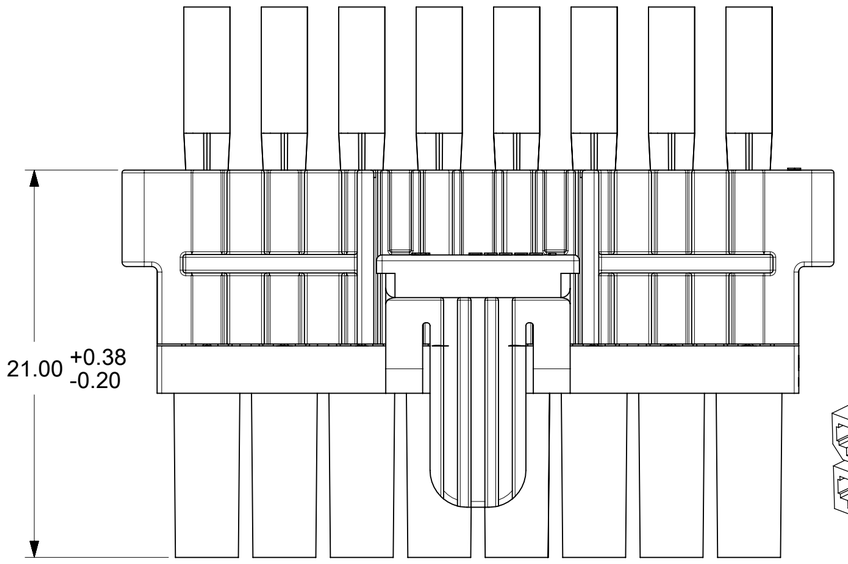
PRODUCT CUSTOMER DRAWING

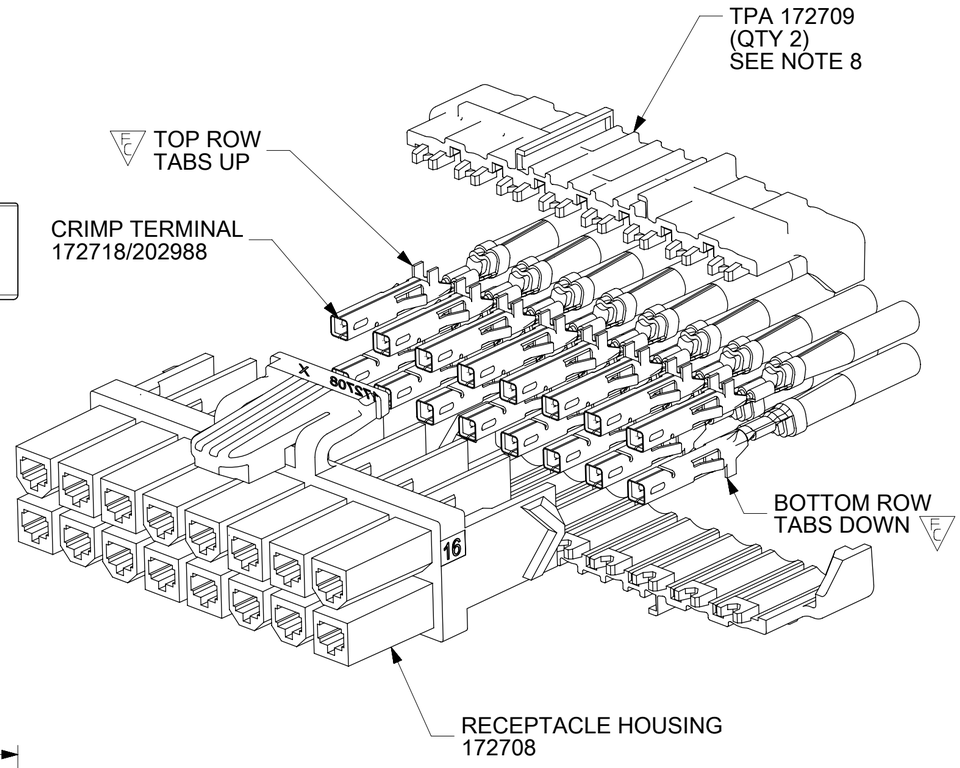
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172708-0000	PSD	000	H7

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	172708	SEE TABLE	GENERAL MARKET	2 OF 4

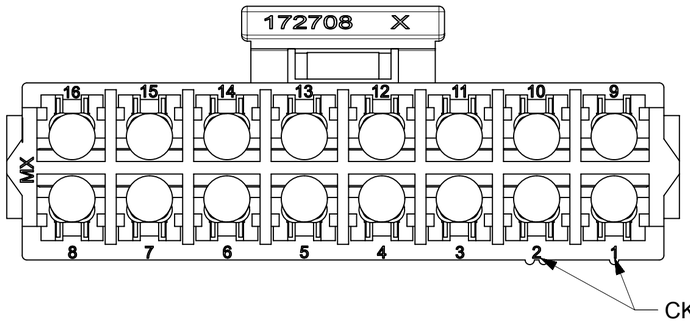
DOCUMENT STATUS	P1	RELEASE DATE	2023/11/15 09:48:29

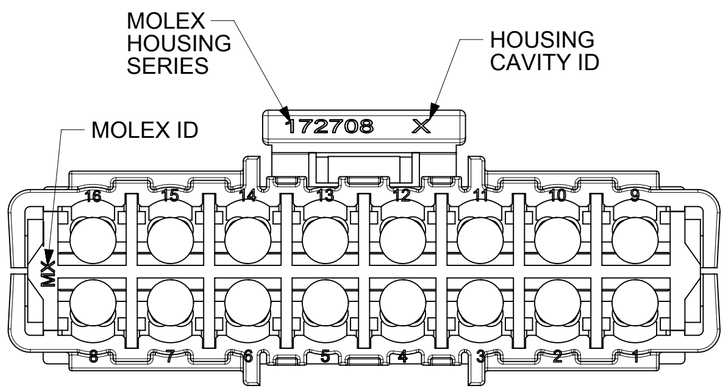
FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

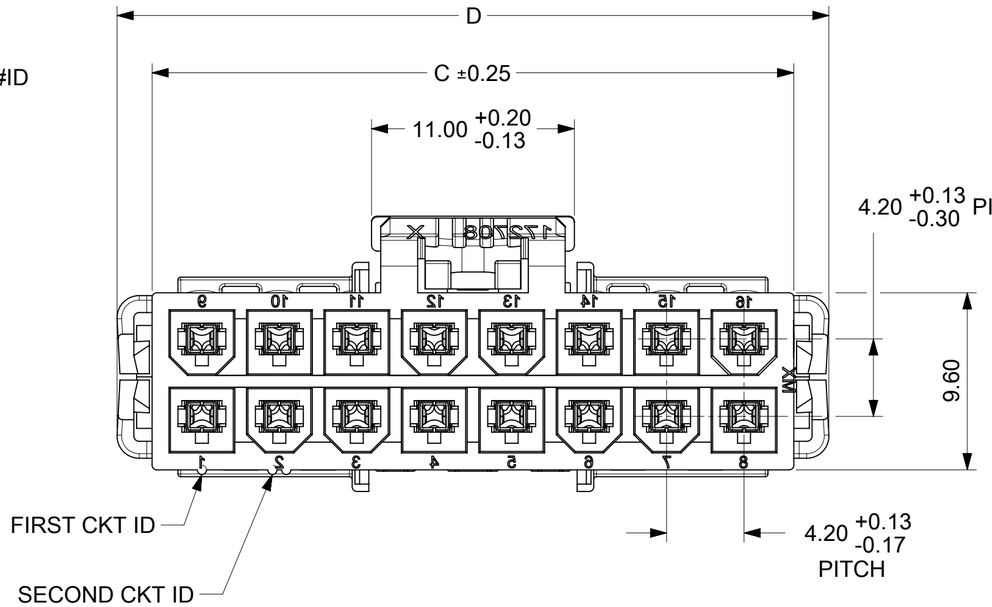


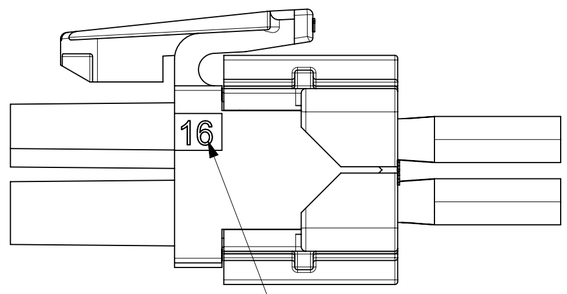


BEFORE TPA ASSEMBLY









NOTES:

1. MATERIAL:
   'A' = NYLON V-0 LOW HALOGEN; COLOR: BLACK
   'B' = NYLON V-2 GLOW WIRE CAPABLE; COLOR: BLACK
2. FINISH: NONE
3. PRODUCT SPECIFICATION: PS-172718-0000 and 2029880001-PS
   APPLICATION SPECIFICATION: AS-172718-0000
4. PACKAGING SPECIFICATION: BULK
   1727080001-PK
   REFER TO AS-45499-001 FOR MOISTURIZING NYLON CONNECTOR PARTS.
5. THIS PART TO BE USED WITH FEMALE TERMINAL SERIES 172718, 202988 AND TPA SERIES 172709.
6. THIS PART MATES WITH SERIES 5559, 5566, 5569 AND 172767.
7. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
8. THIS PRODUCT MUST BE USED WITH THE TPA INSTALLED.

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	CURRENT REV DESC:	molex
GENERAL TOLERANCES (UNLESS SPECIFIED)			HOUSING, DUAL ROW RECEPTACLE MINI-FIT TPA2
ANGULAR TOL ± °		EC NO: 768511	PRODUCT CUSTOMER DRAWING
4 PLACES ±		DRWN: JERRYW8 2023/11/06	DOCUMENT NUMBER: SD-172708-0000
3 PLACES ±		CHK'D: XQZHANG 2023/11/15	DOC TYPE: PSD
2 PLACES ± 0.13		APPR: XQZHANG 2023/11/15	DOC PART: 000
1 PLACE ± 0.2		INITIAL REVISION:	REVISION: H7
0 PLACES ±		DRWN: TGREGORI 2014/09/10	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: TGREGORI 2014/09/24	
THIRD ANGLE PROJECTION	DRAWING: C-SIZE	SERIES: 172708	MATERIAL NUMBER: SEE TABLE
CUSTOMER: GENERAL MARKET	SHEET NUMBER: 3 OF 4		

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

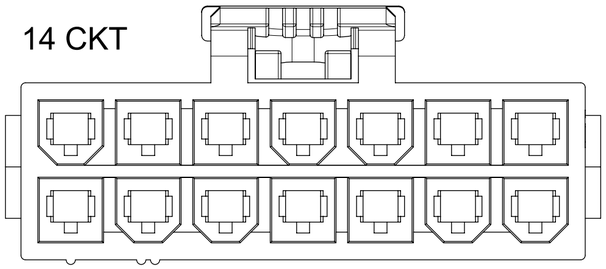
FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

PART NUMBER	CKTS	DIM C	DIM D	MATERIAL
1727080014	14	30.60	34.40	A
1727080114				B
1727080016	16	34.80	38.60	A
1727080116				B
1727080018	18	39.00	42.80	A
1727080118				B
1727080020	20	43.20	47.00	A
1727080120				B
1727080022	22	47.40	51.20	A
1727080122				B
1727080024	24	51.60	55.40	A
1727080124				B

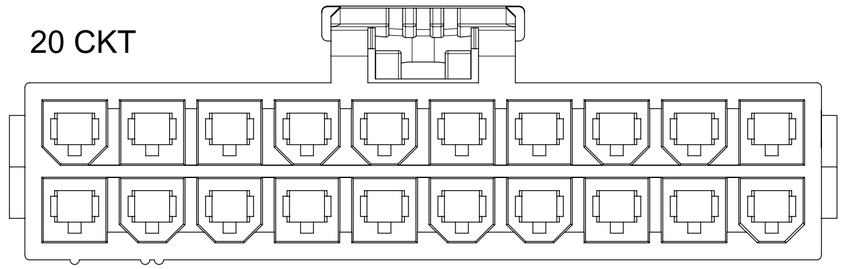
POLARIZATION DETAIL

SHOWN WITHOUT TPA OR TERMINAL FOR CLARITY

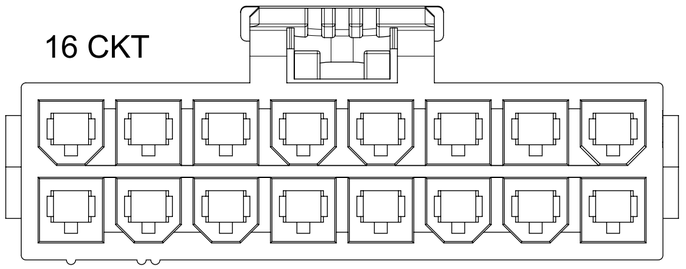
14 CKT



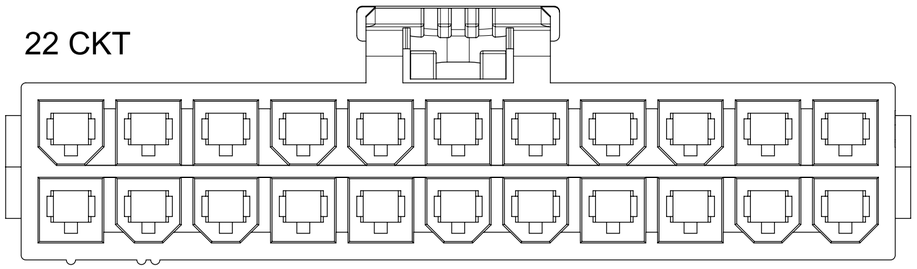
20 CKT



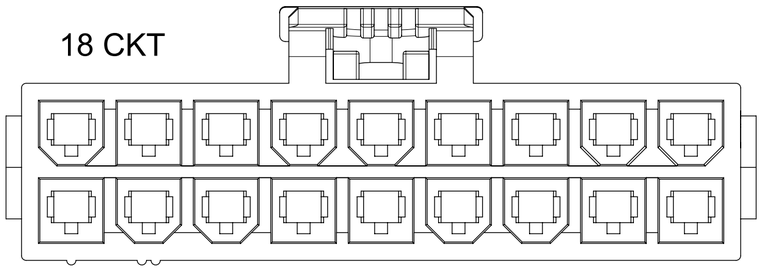
16 CKT



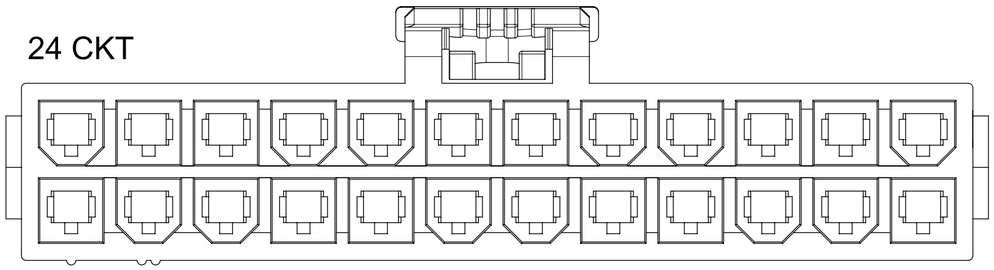
22 CKT



18 CKT



24 CKT



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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.2
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 768511

DRWN: JERRYW8 2023/11/06

CHK'D: XQZHANG 2023/11/15

APPR: XQZHANG 2023/11/15

INITIAL REVISION:

DRWN: TGREGORI 2014/09/10

APPR: TGREGORI 2014/09/24

molex

HOUSING, DUAL ROW RECEPTACLE
MINI-FIT TPA2

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172708-0000	PSD	000	H7

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	172708	SEE TABLE	GENERAL MARKET	4 OF 4

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

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