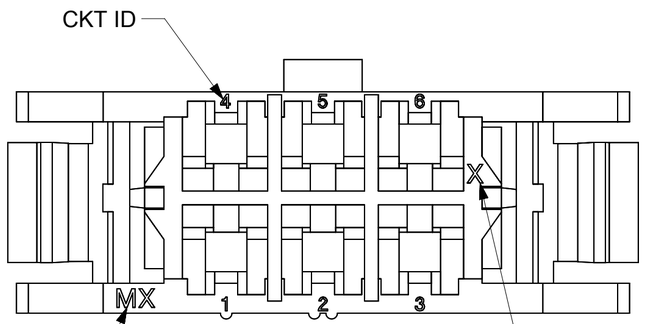
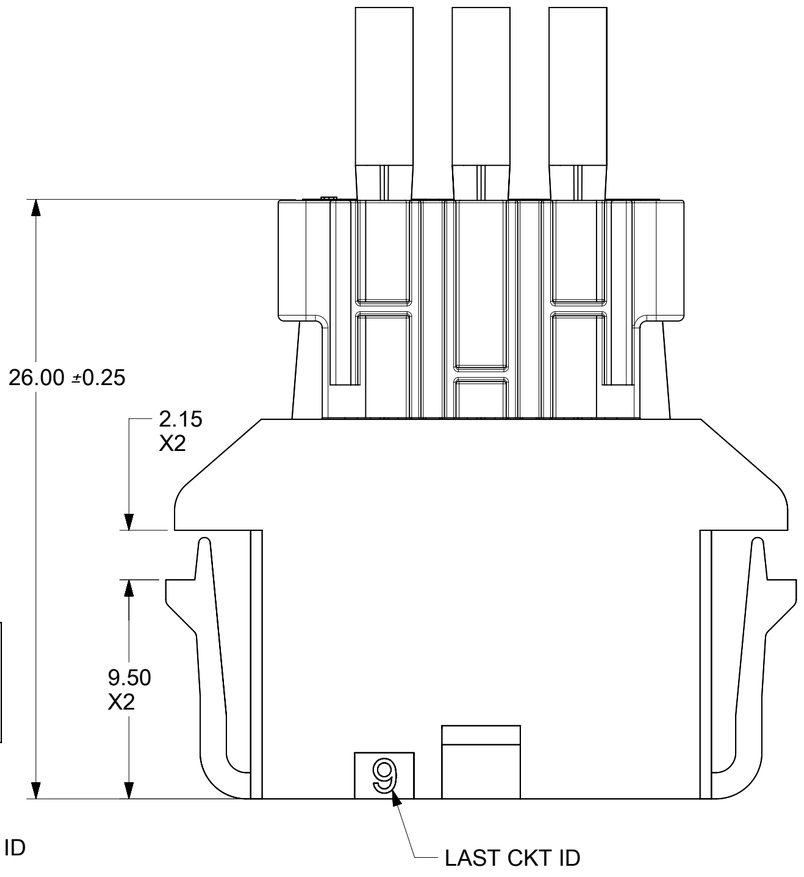
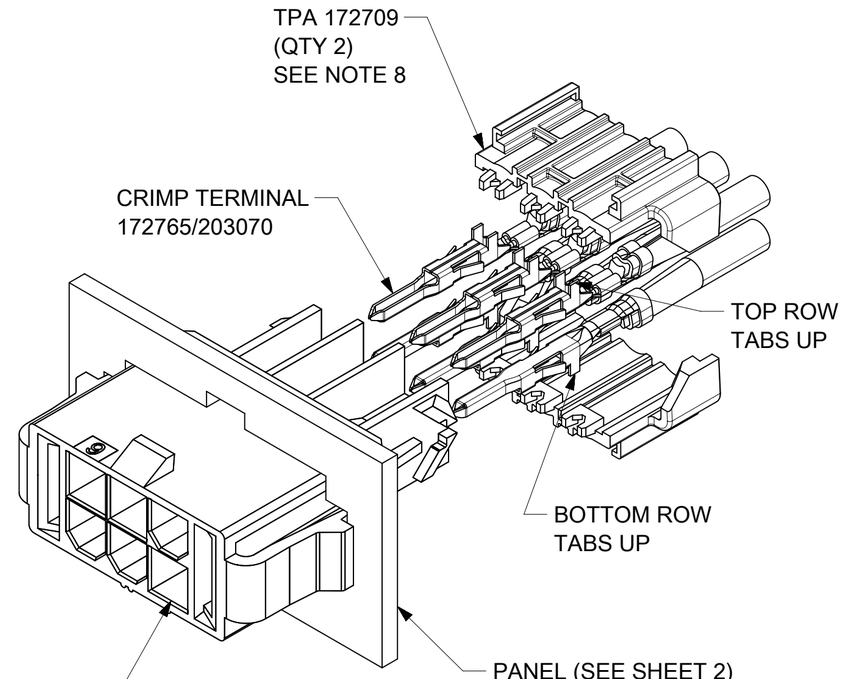
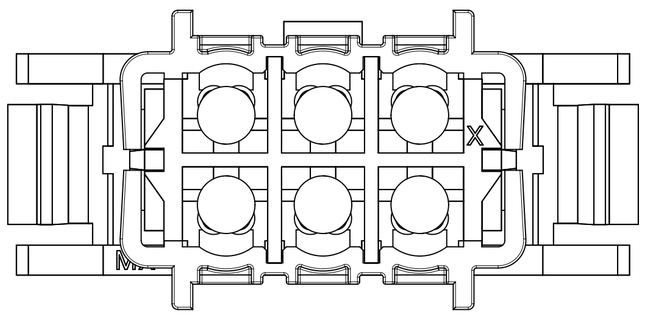
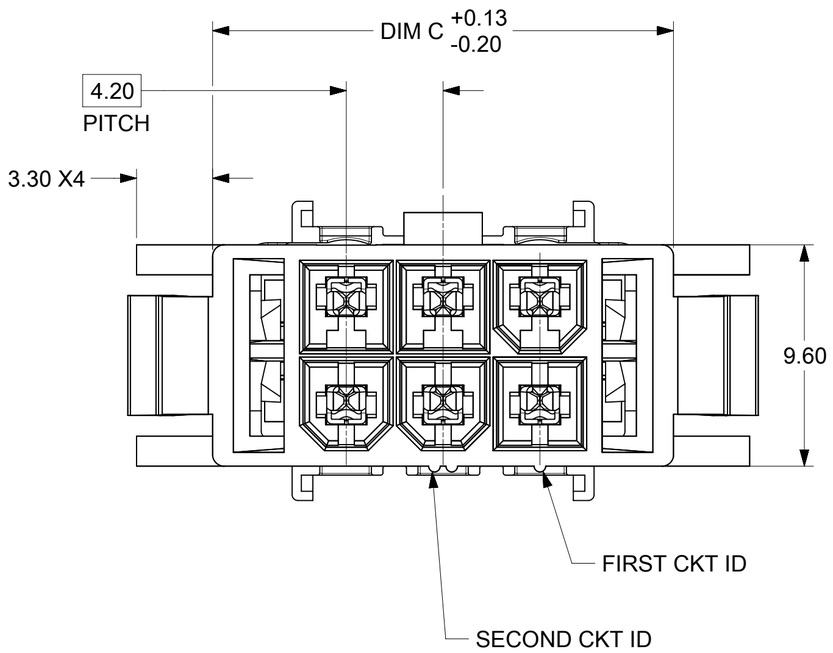
BEFORE TPA ASSEMBLY

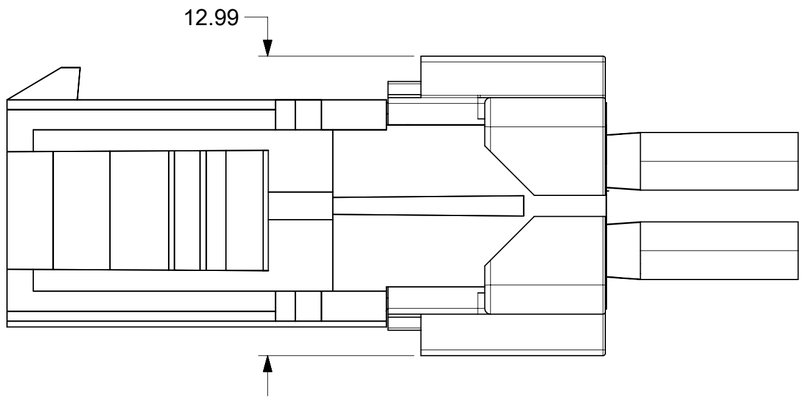












NOTES:
1. MATERIAL:
   'A' = NYLON V-0 LOW HALOGEN; COLOR: BLACK
   'B' = NYLON V-2 GLOW WIRE CAPABLE; COLOR: BLACK
   'C' = NYLON V-2; COLOR: BLACK
2. FINISH: NONE
3. PRODUCT SPECIFICATION: PS-172718-0000 and 2029880001-PS
   APPLICATION SPECIFICATION: AS-172718-0000
4. PACKAGING SPECIFICATION: BULK
   PK-172767-0000
   REFER TO AS-45499-001 FOR MOISTURIZING NYLON CONNECTOR PARTS.
5. THIS PART TO BE USED WITH MALE TERMINAL SERIES 172765, 203070 AND TPA SERIES 172709.
6. THIS PART MATES WITH SERIES 5557 AND 172708.
7. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
8. THIS PRODUCT MUST BE USED WITH THE TPA INSTALLED.
9. SEE DRAWING SD-172709-0000 AND 1727090001-SD FOR OTHER TPA INFORMATION.
10. SEE DRAWINGS SD-172765-0000 and 2030700001-PSD FOR OTHER CRIMP TERMINAL INFORMATION.

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

DIMENSION UNITS	SCALE
mm	5:1

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: TOL. UPDT PER EGD

EC NO: 628539
DRWN: GJEEVANSURES 2019/11/27
CHK'D: GJEEVANSURES 2020/03/26
APPR: NCSR 2020/03/27

INITIAL REVISION:
DRWN: TGREGORI 2015/02/16
APPR: RHODGE 2015/02/26

molex

HOUSING, DUAL ROW PLUG PANEL MOUNT
MINI-FIT TPA2

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172767-0000	PSD	000	E4

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	172767	SEE TABLE	GENERAL MARKET	1 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/27 05:21:35

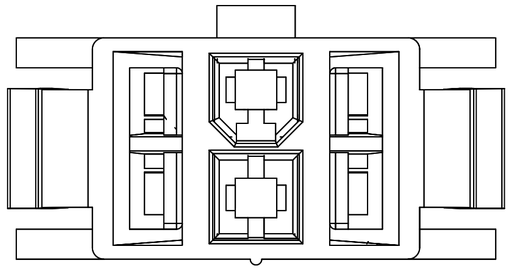
FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18

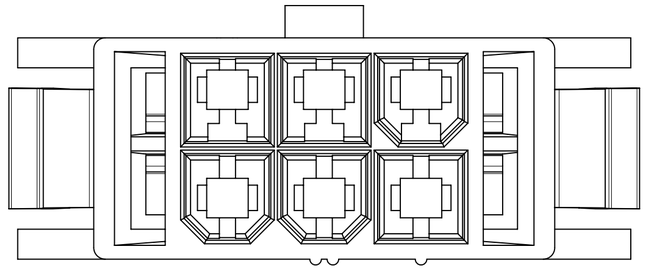
PART NUMBER	CKTS	DIM C	DIM D	MATERIAL
1727670002	2	14.20	14.70	A
1727670102				B
1727670202				C
1727670004	4	15.80	16.30	A
1727670104				B
1727670204				C
1727670006	6	20.00	20.50	A
1727670106				B
1727670206				C
1727670012	12	32.60	33.10	A
1727670112				B
1727670212				C

POLARIZATION DETAIL

SHOWN WITHOUT TPA OR TERMINAL FOR CLARITY

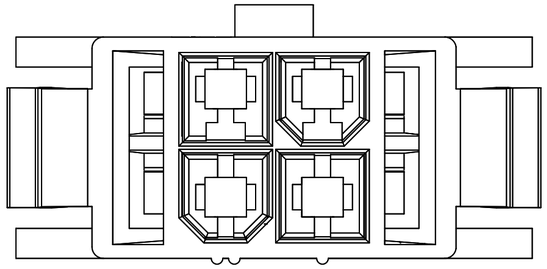
2 CKT

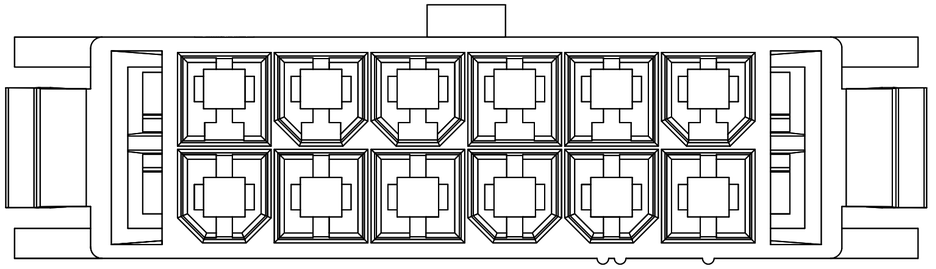




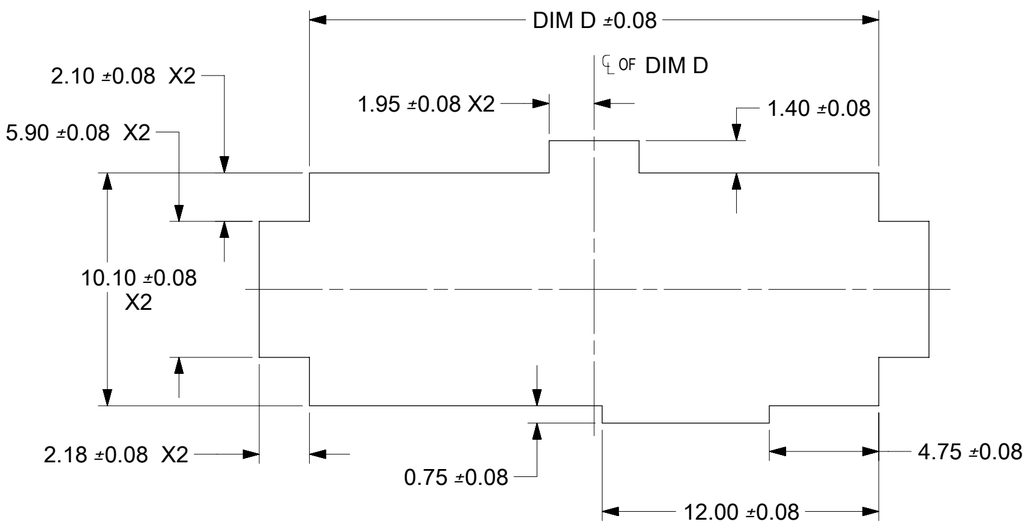
6 CKT

4 CKT





12 CKT



RECOMMENDED PANEL CUT-OUT
(VIEW FROM MATING SIDE)
MAX PANEL THICKNESS 1.60

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

DIMENSION UNITS	SCALE
mm	5:1

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: TOL. UPDT PER EGD

EC NO: 628539
DRWN: GJEEVANSURES 2019/11/27
CHK'D: GJEEVANSURES 2020/03/26
APPR: NCSR 2020/03/27

INITIAL REVISION:
DRWN: TGREGORI 2015/02/16
APPR: RHODGE 2015/02/26

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 172767

molex

HOUSING, DUAL ROW PLUG PANEL MOUNT
MINI-FIT TPA2

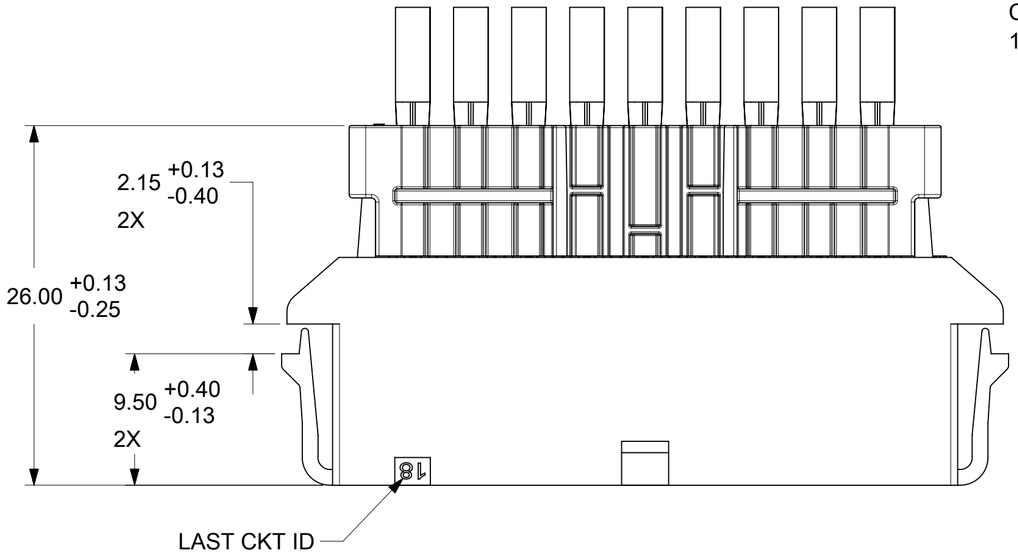
PRODUCT CUSTOMER DRAWING

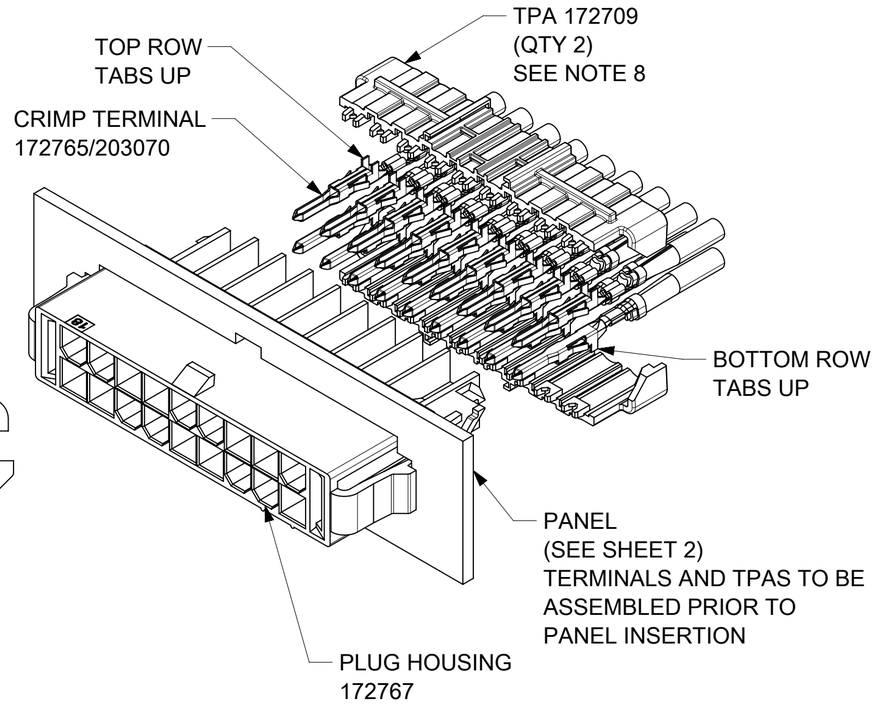
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172767-0000	PSD	000	E4

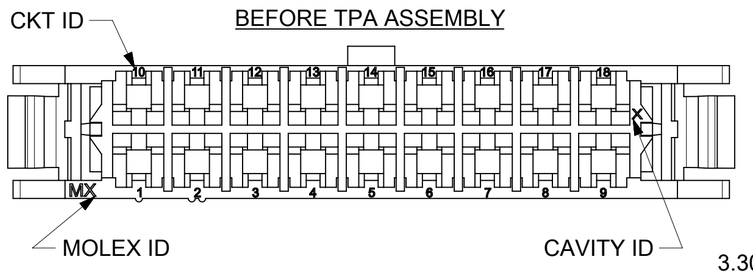
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 6

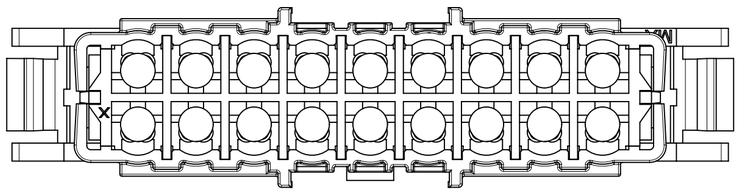
DOCUMENT STATUS	P1	RELEASE DATE	2020/03/27 05:21:35

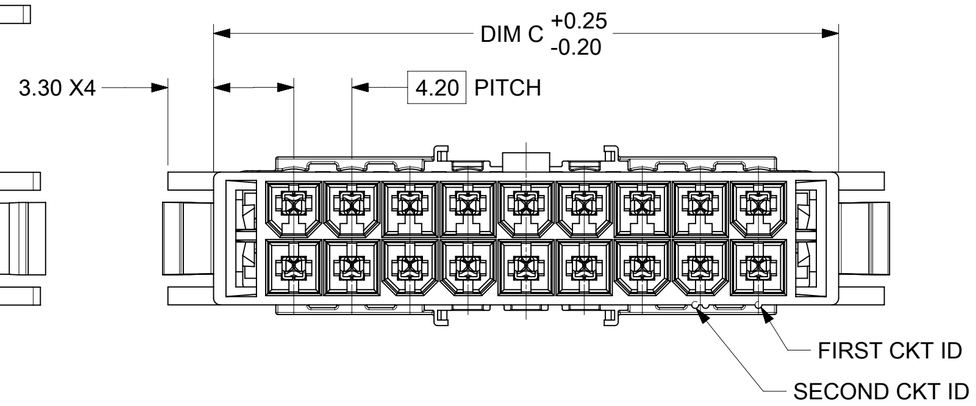
FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18

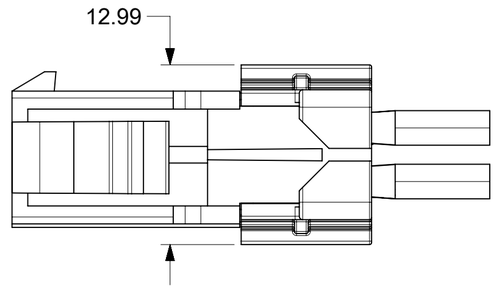












NOTES:

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
   1727670001-PK
   REFER TO AS-45499-001 FOR MOISTURIZING NYLON CONNECTOR PARTS.
5. THIS PART TO BE USED WITH MALE TERMINAL SERIES 172765, 203070 AND TPA SERIES 172709.
6. THIS PART MATES WITH SERIES 5557 AND 172708.
7. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
8. THIS PRODUCT MUST BE USED WITH THE TPA INSTALLED.
9. SEE DRAWING 1727090001-SD FOR OTHER TPA INFORMATION.
10. SEE DRAWINGS SD-172765-0000 and 2030700001-PSD FOR OTHER CRIMP TERMINAL INFORMATION.

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

DIMENSION UNITS	mm
SCALE	5:1
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: TOL. UPDT PER EGD

EC NO:	628539	
DRWN:	GJEEVANSURES	2019/11/27
CHK'D:	GJEEVANSURES	2020/03/26
APPR:	NCSR	2020/03/27

INITIAL REVISION:

DRWN:	TGREGORI	2015/02/16
APPR:	RHODGE	2015/02/26

molex

HOUSING, DUAL ROW PLUG PANEL MOUNT
MINI-FIT TPA2

PRODUCT CUSTOMER DRAWING

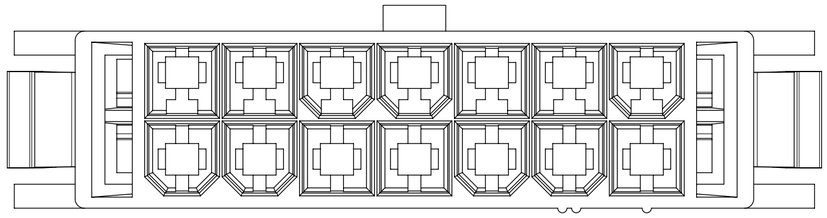
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172767-0000	PSD	000	E4

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	172767	SEE TABLE	GENERAL MARKET	3 OF 6

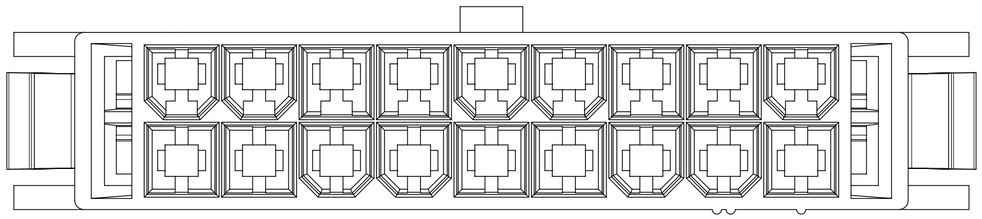
DOCUMENT STATUS	P1	RELEASE DATE	2020/03/27 05:21:35

POLARIZATION DETAIL

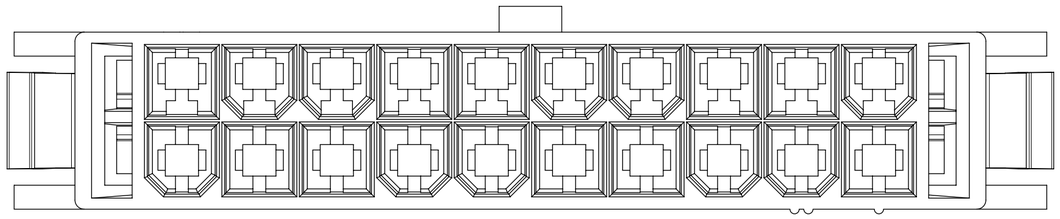
SHOWN WITHOUT TPA OR TERMINAL FOR CLARITY



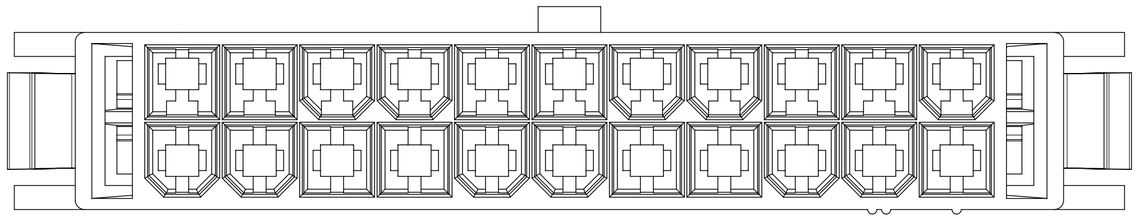
14 CKT



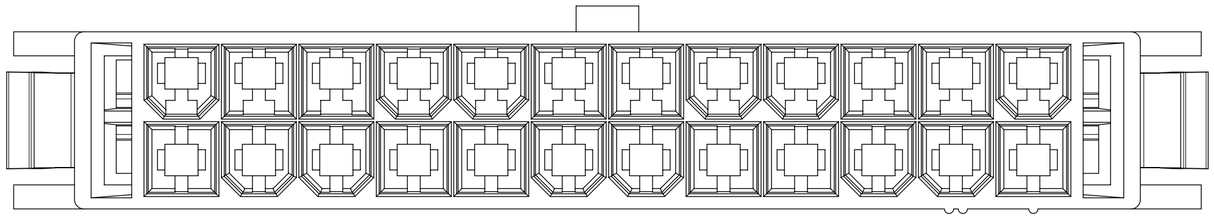
18 CKT



20 CKT



22 CKT



24 CKT

PART NUMBER	CKT	DIM C	DIM D	MATERIAL
1727670014	14	36.80	37.30	A
1727670114				B
1727670018	18	45.20	45.70	A
1727670118				B
1727670020	20	49.40	49.90	A
1727670120				B
1727670022	22	53.60	54.10	A
1727670122				B
1727670024	24	57.80	58.30	A
1727670124				B

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

DIMENSION UNITS	SCALE
mm	5:1

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: TOL. UPDT PER EGD

EC NO: 628539

DRWN: GJEEVANSURES 2019/11/27

CHK'D: GJEEVANSURES 2020/03/26

APPR: NCSR 2020/03/27

INITIAL REVISION:

DRWN: TGREGORI 2015/02/16

APPR: RHODGE 2015/02/26

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 172767

molex

HOUSING, DUAL ROW PLUG PANEL MOUNT
MINI-FIT TPA2

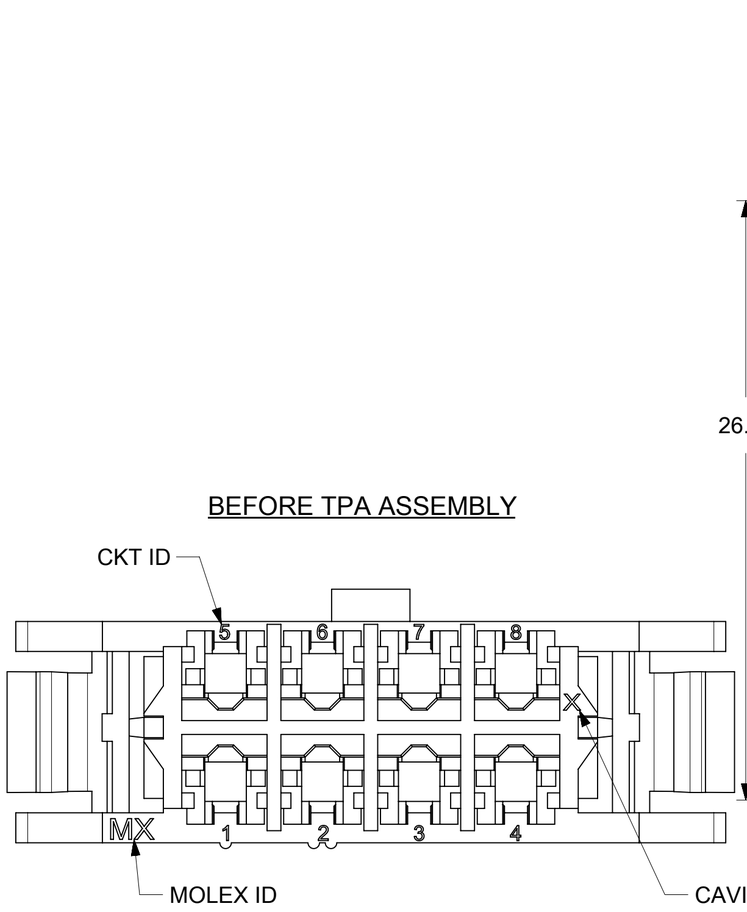
PRODUCT CUSTOMER DRAWING

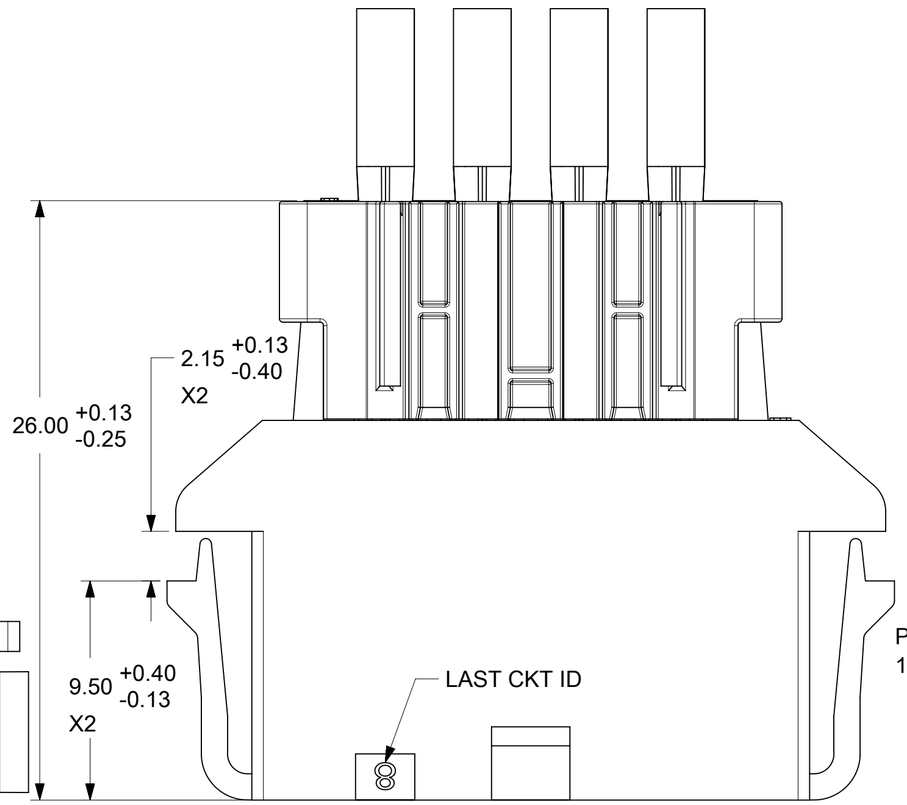
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172767-0000	PSD	000	E4

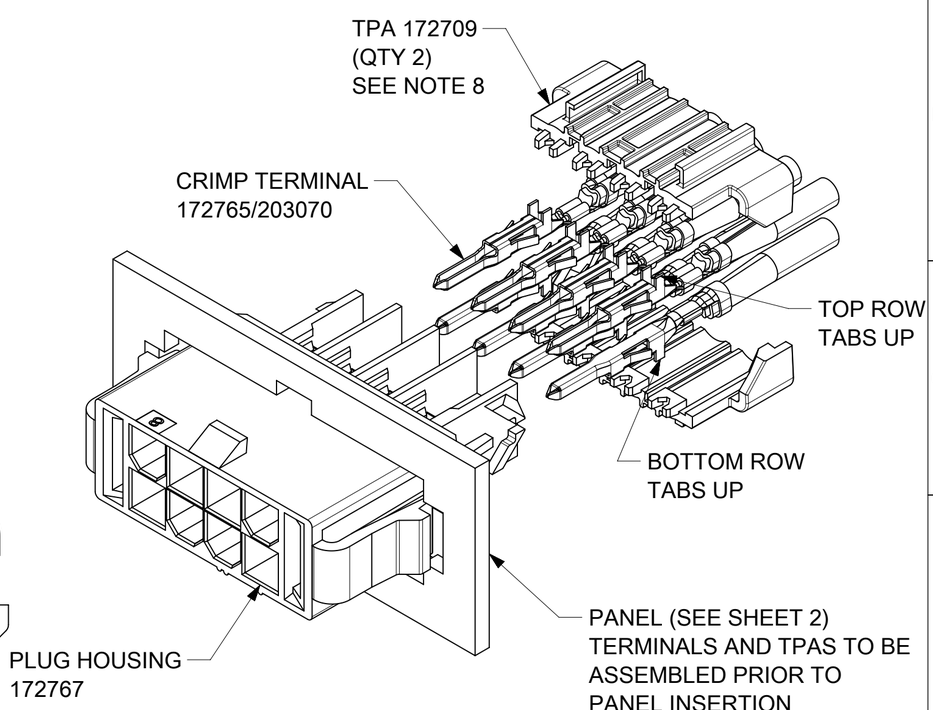
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	4 OF 6

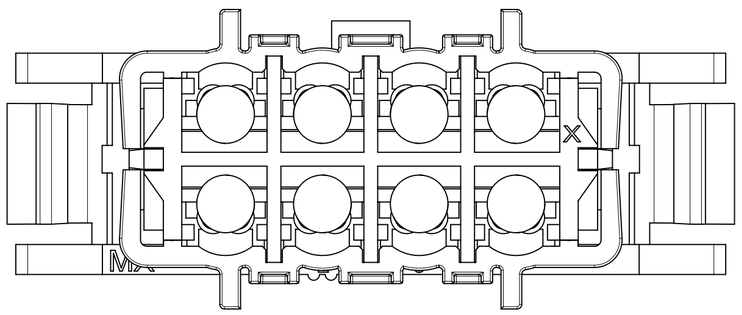
DOCUMENT STATUS	P1	RELEASE DATE	2020/03/27 05:21:35

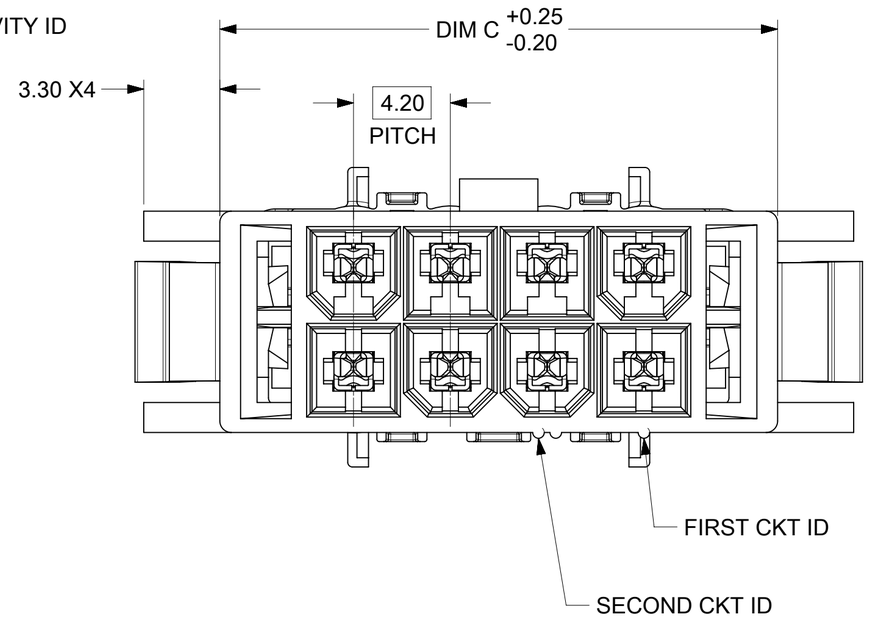
FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18

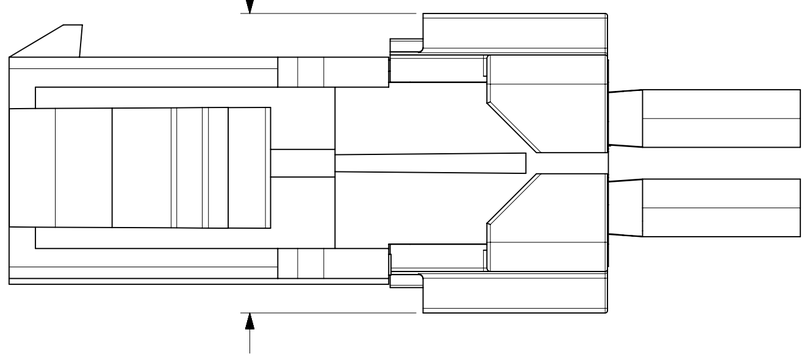












NOTES:
1. FOR 8CKT AND 10CKT REFER NOTES IN SHEET 1.
2. FOR 16CKT REFER NOTES IN SHEET 3.

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

DIMENSION UNITS	SCALE
mm	5:1

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: TOL. UPDT PER EGD

EC NO: 628539
DRWN: GJEEVANSURES 2019/11/27
CHK'D: GJEEVANSURES 2020/03/26
APPR: NCSR 2020/03/27

INITIAL REVISION:
DRWN: TGREGORI 2015/02/16
APPR: RHODGE 2015/02/26

molex

HOUSING, DUAL ROW PLUG PANEL MOUNT
MINI-FIT TPA2

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172767-0000	PSD	000	E4

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	172767	SEE TABLE	GENERAL MARKET	5 OF 6

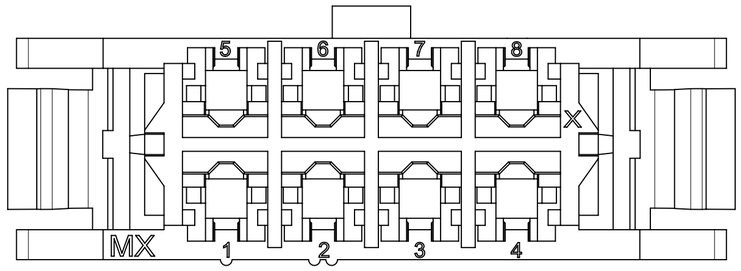
DOCUMENT STATUS	P1	RELEASE DATE	2020/03/27 05:21:35

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18

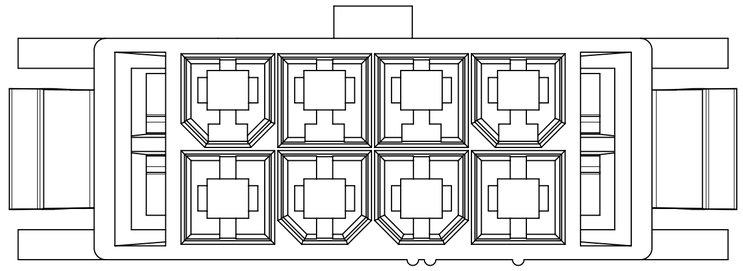
PART NUMBER	CKTS	DIM C	DIM D	MATERIAL
1727670008	8	24.20	24.70	A
1727670108				B
1727670010	10	28.40	28.90	A
1727670110				B
1727670016	16	41.00	41.50	A
1727670116				B

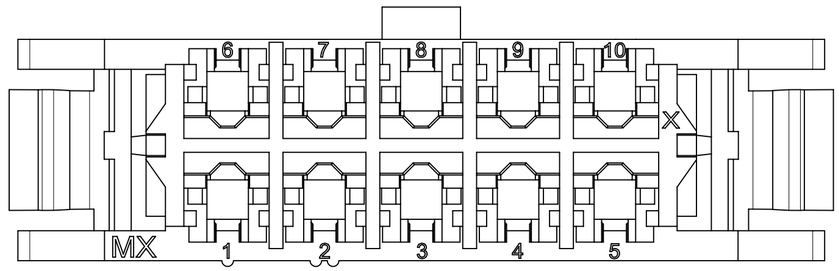
POLARIZATION DETAIL

SHOWN WITHOUT TPA OR TERMINAL FOR CLARITY

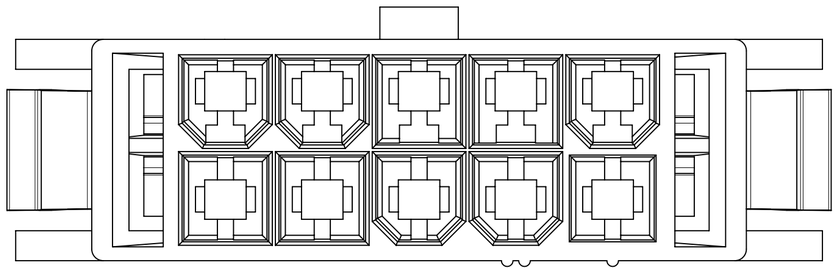


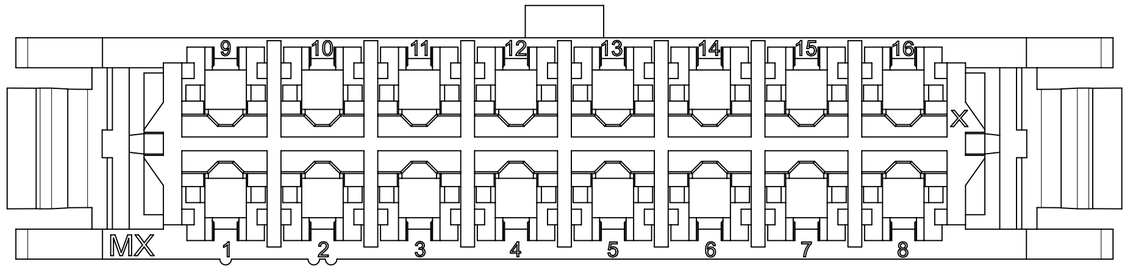
8 CKT



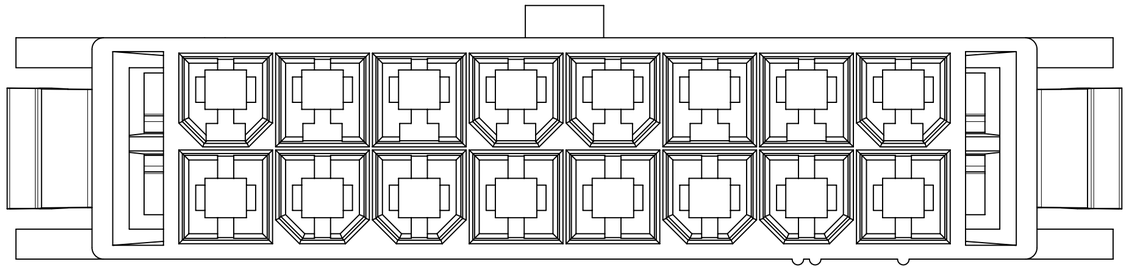


10 CKT





16 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	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: TOL. UPDT PER EGD

EC NO: 628539

DRWN: GJEEVANSURES 2019/11/27

CHK'D: GJEEVANSURES 2020/03/26

APPR: NCSR 2020/03/27

INITIAL REVISION:

DRWN: TGREGORI 2015/02/16

APPR: RHODGE 2015/02/26

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 172767

molex

HOUSING, DUAL ROW PLUG PANEL MOUNT
MINI-FIT TPA2

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172767-0000	PSD	000	E4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	6 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/27 05:21:35

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