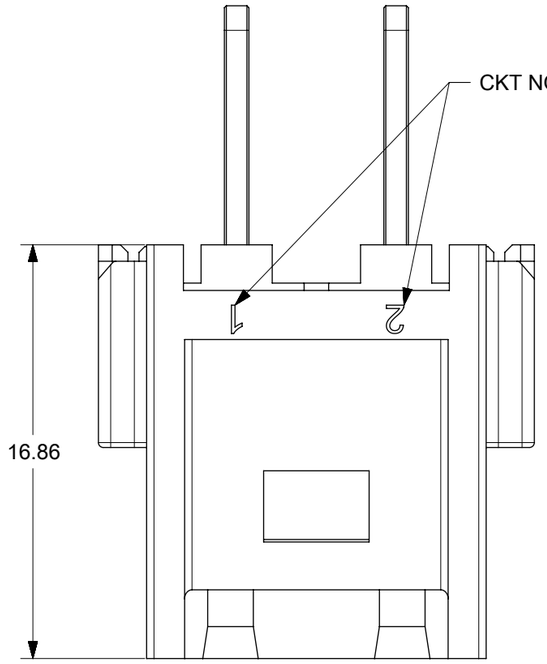
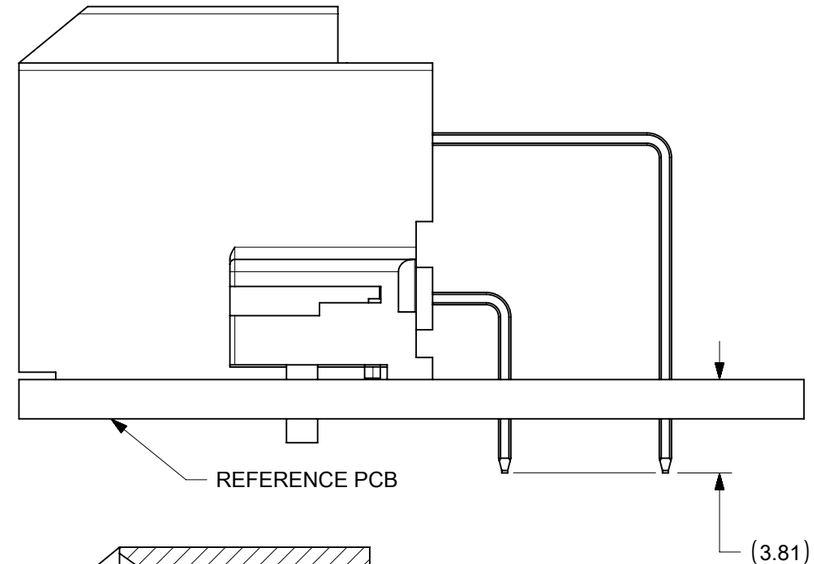
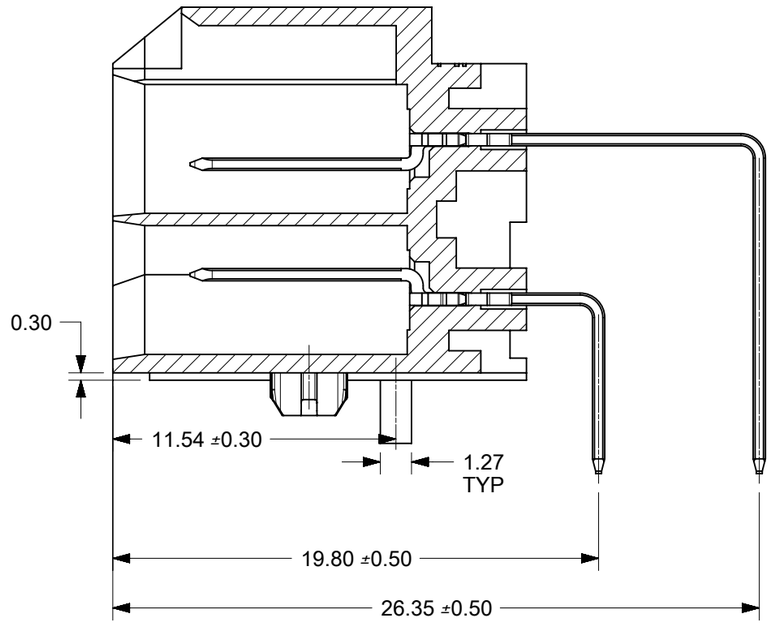
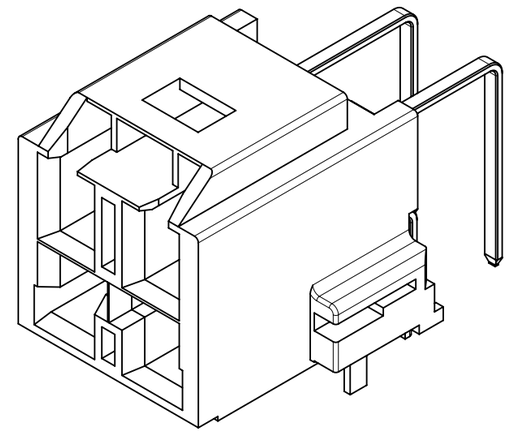






SECTION B-B



CKT SIZE	MATERIAL NO.	COLOR	PACKAGING SPEC
2 CKT	2035551012	RED	TUBE 2035550001-PK
	2035551112	BLUE	
	2035551212	BLACK	
	2035551312	NATURAL(WHITE)	
	2035551022	RED	TAPE & REEL 2035550002-PK
	2035551122	BLUE	
	2035551222	BLACK	
	2035551322	NATURAL(WHITE)	
4 CKT	2035551014	BLUE	TUBE 2035550001-PK
	2035551114	BLACK	
	2035551214	NATURAL(WHITE)	
	2035551024	BLUE	TAPE & REEL 2035550002-PK
	2035551124	BLACK	
	2035551224	NATURAL(WHITE)	
6 CKT	2035551016	BLUE	TUBE 2035550001-PK
	2035551116	BLACK	
	2035551216	NATURAL(WHITE)	
	2035551026	BLUE	TAPE & REEL 2035550002-PK
	2035551126	BLACK	
	2035551226	NATURAL(WHITE)	

NOTES:
1. MATERIALS:
   HOUSING : NYLON; UL94 V-0
   TERMINAL : COPPER ALLOY
2. FINISHES:
   PLATING: TIN OVER NICKEL.
3. PRODUCT SPECIFICATION: 2035550001-PS
4. PACKAGING SPECIFICATION: SEE TABLE
5. MATES WITH: 151207 SERIES.
6. TO AVOID BLISTERING IN THE PARTS MOLEX RECOMMENDS TO STORE THE PARTS WITH MOISTURE BARRIER BAG PACKAGING IN SEALED CONDITION.
7. AFTER REFLOW SOLDER THERE WILL BE COLOR CHANGE IN THE CONNECTOR COMPARED TO NON-REFLOW SOLDERED PARTS.
8. THIS PARTS CONFORMS TO CLASS B REQUIREMENTS AS PER PS-45499-001.
9. RIGHT ANGLE HEADERS ONLY BE MOUNTED AT THE EDGES OF THE PCB.

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/26 22:05:17

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

SYMBOLS: A = 0; B = 0; C = 0; D = 0; E = 0; F = 0; G = 0; H = 0; J = 0

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 3.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.2
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: PRODUCTION RELEASE

EC NO: 611981
DRWN: SMAHAJANSHET 2019/03/27
CHK'D: NCSR 2019/04/26
APPR: NCSR 2019/04/26

INITIAL REVISION:
DRWN: SMAHAJANSHET 2019/02/08
APPR: NCSR 2019/02/26

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 203555

molex

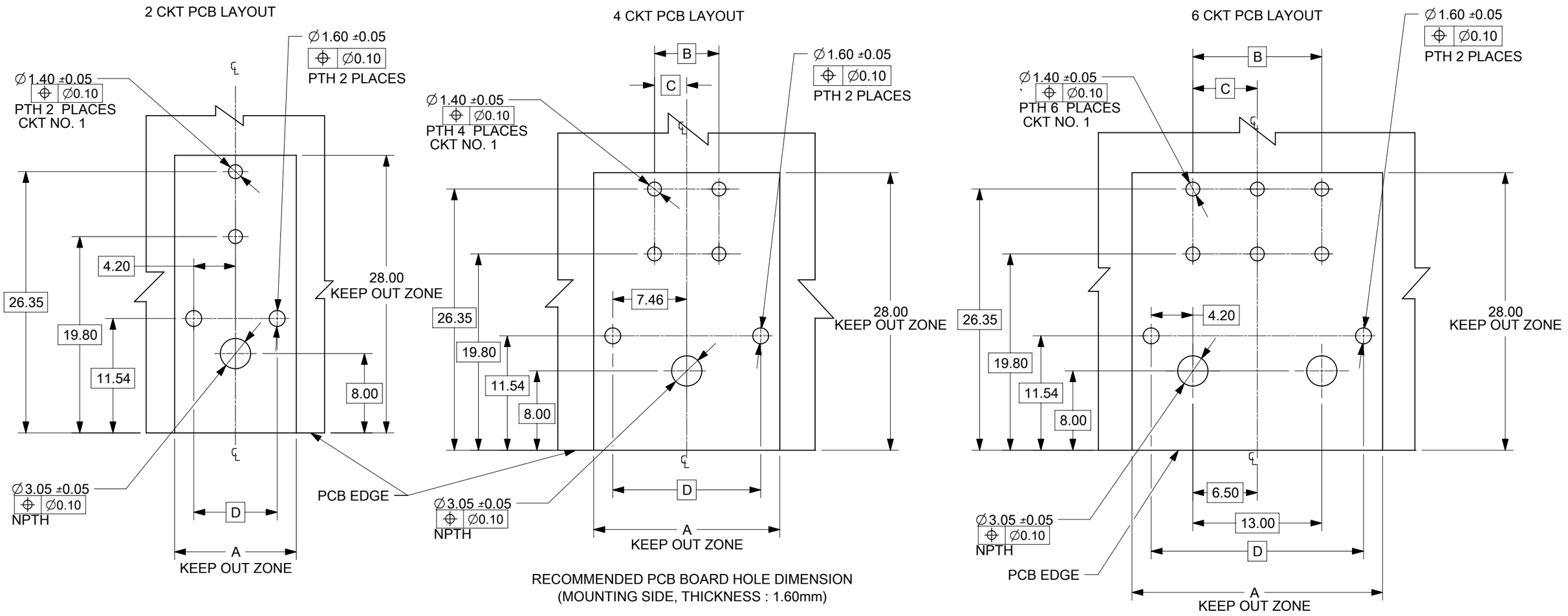
CP6.5 R/A HEADER ASSY THRU HOLE
WIRE TO BOARD CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2035551000-SD	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 3

FORMAT: master Sheet-A3
REVISION: H
DATE: 2018/01/15



RECOMMENDED PCB BOARD HOLE DIMENSION
(MOUNTING SIDE, THICKNESS : 1.60mm)

24.27	21.41	6.50	13.00	25.27	2035551XX6	6
17.77	14.91	3.25	6.50	18.77	2035551XX4	4
11.27	8.41	-	-	12.27	2035551XX2	2
E	D	C	B	A	MATERIAL NO.	CKT NO.

SYMBOLS
F = 0
E = 0
E = 0
S = 0
▼ = 0
C = 0
☒ = 0
■ = 0
▽ = 0

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

DIMENSION UNITS	SCALE
mm	2.5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.2
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: PRODUCTION RELEASE

EC NO: 611981
DRWN: SMAHAJANSHET 2019/03/27
CHK'D: NCSR 2019/04/26
APPR: NCSR 2019/04/26

INITIAL REVISION:
DRWN: SMAHAJANSHET 2019/02/08
APPR: NCSR 2019/02/26

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 203555

molex

CP6.5 R/A HEADER ASSY THRU HOLE
WIRE TO BOARD CONNECTOR

PRODUCT CUSTOMER DRAWING

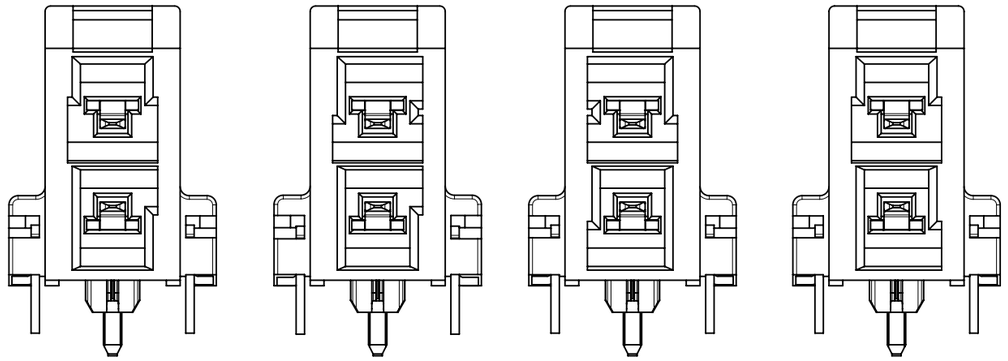
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2035551000-SD	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/26 22:05:17

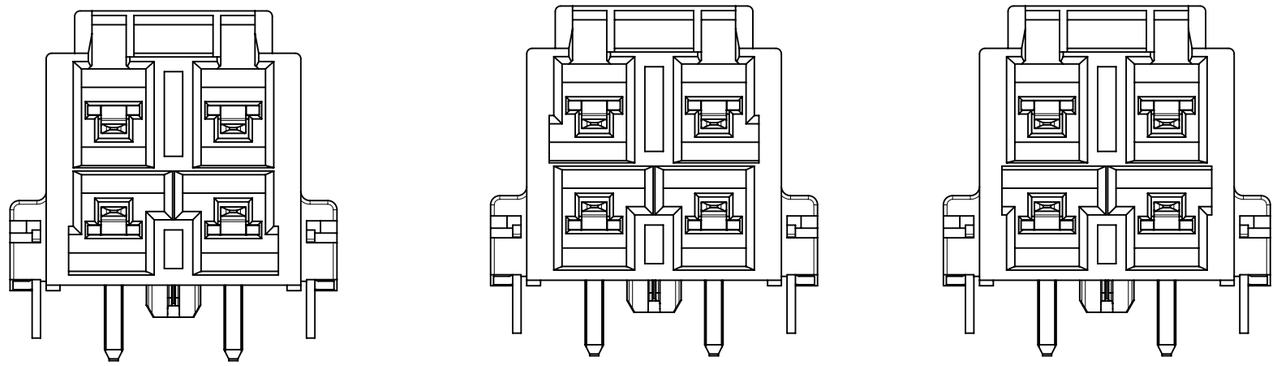
FORMAT: master_sheet-A3
REVISION: H
DATE: 2018/01/15

HEADER ASSEMBLY WITH POLARIZATION FEATURES AND COLORS 2 CIRCUIT



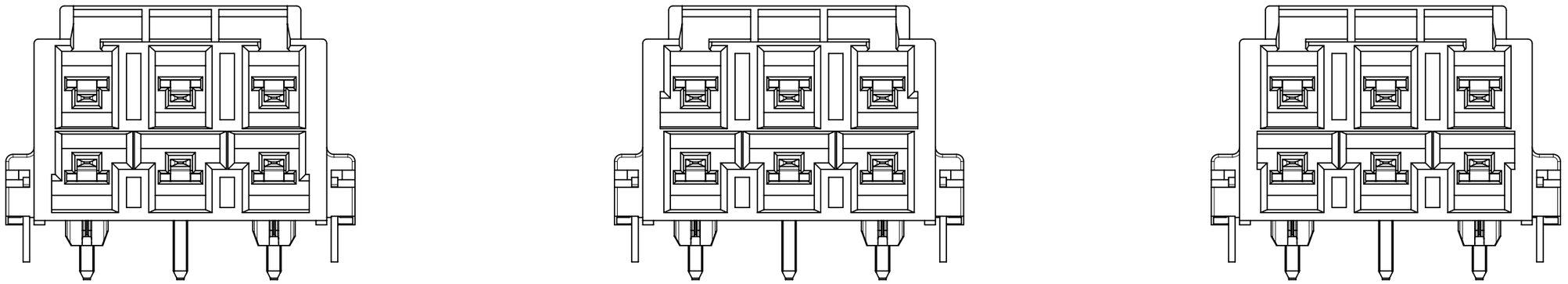
1. 20355510X2 RED
2. 20355511X2 BLUE
3. 20355512X2 BLACK
4. 20355513X2 NATURAL(WHITE)

HEADER ASSEMBLY WITH POLARIZATION FEATURES AND COLORS 4 CIRCUIT



1. 20355510X4 BLUE
2. 20355511X4 BLACK
3. 20355512X4 NATURAL(WHITE)

HEADER ASSEMBLY WITH POLARIZATION FEATURES AND COLORS 6 CIRCUIT



1. 20355510X6 BLUE
2. 20355511X6 BLACK
3. 20355512X6 NATURAL(WHITE)

LEGEND

203555 X X X X

- CKT SIZE
- PACKAGING SPEC(TUBE=1/TAPE & REEL=2)
- COLOR (POLARIZATION)
- THRU HOLE=1 / SMT=2
- CP6.5 R/A HEADER ASSY

NUMBER	COLOR	
	2 CKT	4 & 6 CKT
0	RED	BLUE
1	BLUE	BLACK
2	BLACK	NATURAL (WHITE)
3	NATURAL (WHITE)	---

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/26 22:05:17

FORMAT: master Sheet A3
REVISION: H
DATE: 2018/01/16

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SYMBOLS
E = 0
E = 0
E = 0
S = 0
▼ = 0
C = 0
☒ = 0
■ = 0
V = 0

DIMENSION UNITS: mm
SCALE: 4:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 3.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.2
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: PRODUCTION RELEASE

EC NO: 611981
DRWN: SMAHAJANSHET 2019/03/27
CHK'D: NCSR 2019/04/26
APPR: NCSR 2019/04/26
INITIAL REVISION:
DRWN: SMAHAJANSHET 2019/02/08
APPR: NCSR 2019/02/26

THIRD ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 203555
MATERIAL NUMBER: SEE TABLE
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 3 OF 3

molex

CP6.5 R/A HEADER ASSY THRU HOLE
WIRE TO BOARD CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2035551000-SD	PSD	000	A1