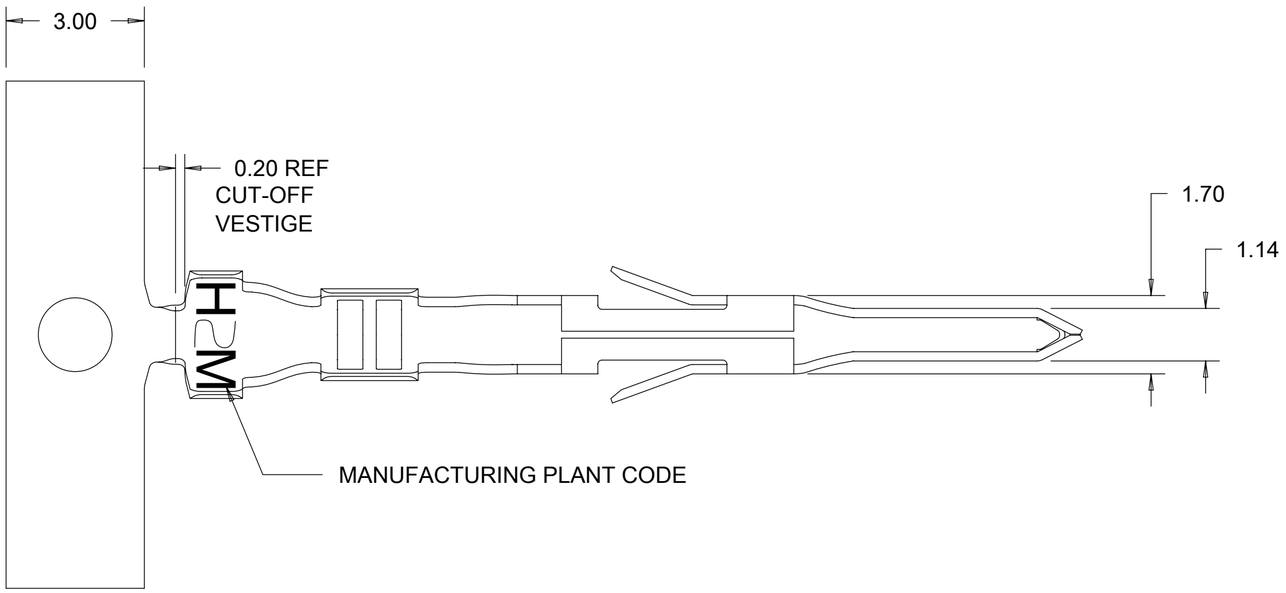
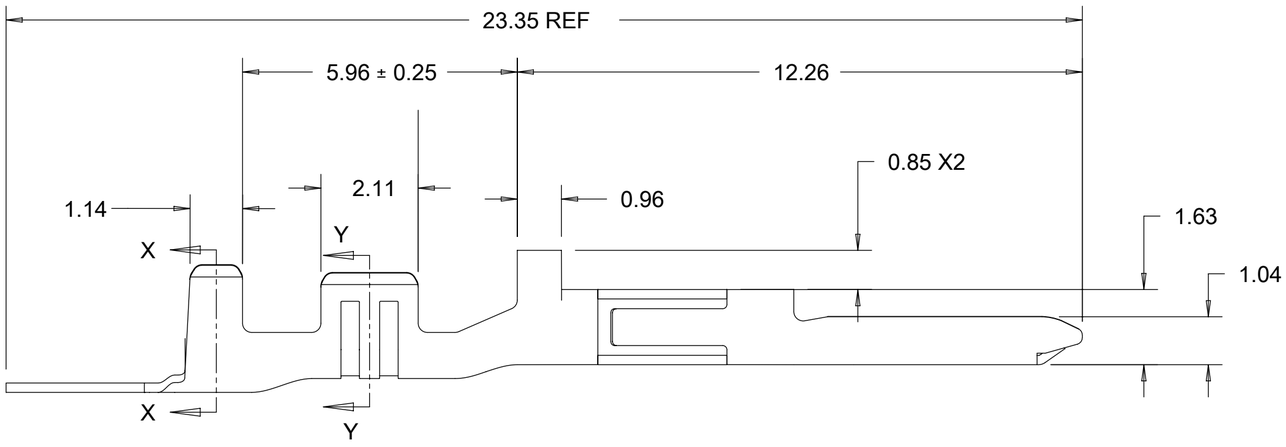
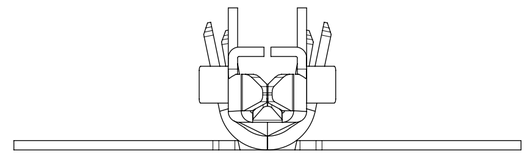


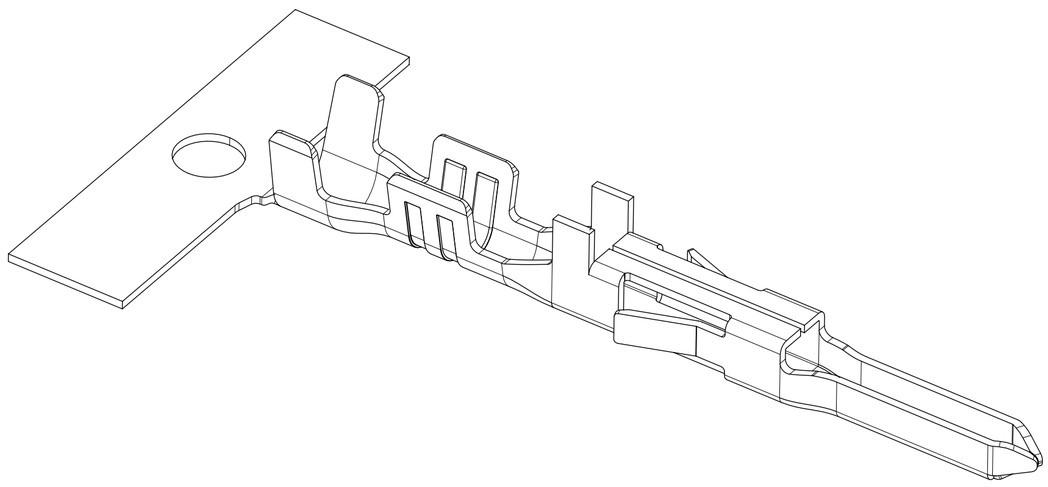
PART LEGEND

172765- * 1 2 *

- SERIES
- WIRE GAGE (INS OD RANGE)
  - 1 = 16 (∅1.98-2.55)
  - 2 = 16 (∅2.55-3.14)
  - 3 = 18-20 (∅1.42-2.10)
  - 4 = 18-20 (∅2.10-2.85)
  - 5 = 22-24 (∅1.07-1.65)
  - 6 = 22-24 (∅1.65-2.38)
- PLATING
  - 1 = HOT TIN DIP (PRE-PLATE)
- MATERIAL
  - 2 = BRASS
- FORM
  - 1 = CHAIN
  - 2 = LOOSE







NOTES:
1. MATERIAL:
   BRASS ALLOY
2. PRE-PLATED: HOT TIN DIP, OVERALL 2.5µm MIN
3. PRODUCT SPECIFICATION: PS-172718-0000
   APPLICATION SPECIFICATION: AS-172718-0000
4. THIS TERMINAL TO BE USED WITH HOUSING SERIES 172762 AND 172767.
5. THIS TERMINAL MATES WITH FEMALE CRIMP TERMINAL SERIES 5556 & 172718.
6. PACKAGING: REELS TO BE PACKED PER PK-172765-0000
   LOOSE TERMINALS PER PK-172765-0001
7. PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
8. WHEN TERMINALS ARE INSTALLED IN THE HOUSING THE WIRE ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE HOUSING POCKET
9. THIS TERMINALS IS DESIGNED FOR SINGLE WIRE CRIMPING.

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	± 0.2
1 PLACE	± 0.2
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 756815
DRWN: JERRYW8 2023/07/17
CHK'D: XQZHANG 2023/07/17
APPR: XQZHANG 2023/07/17

INITIAL REVISION:
DRWN: TGREGORI 2014/12/23
APPR: TGREGORI 2015/01/06

molex

CRIMP TERMINAL
PLUG MINI-FIT TPA2 AND SIGMA

PRODUCT CUSTOMER DRAWING

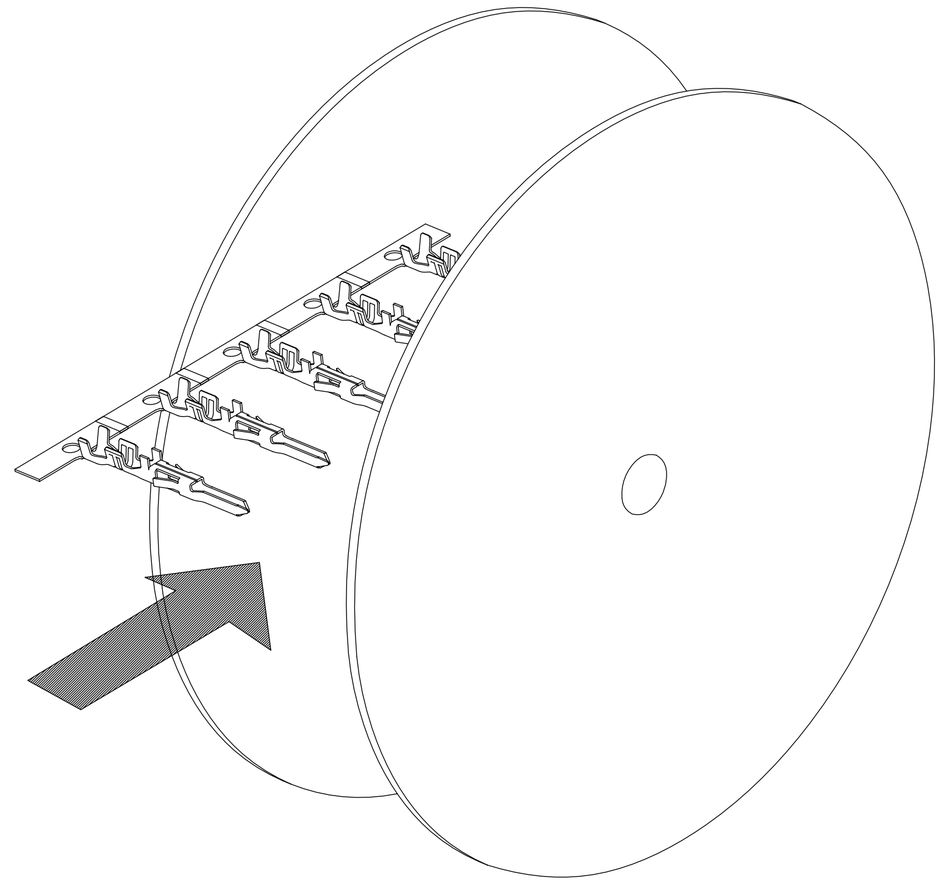
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172765-0000	PSD	000	D5

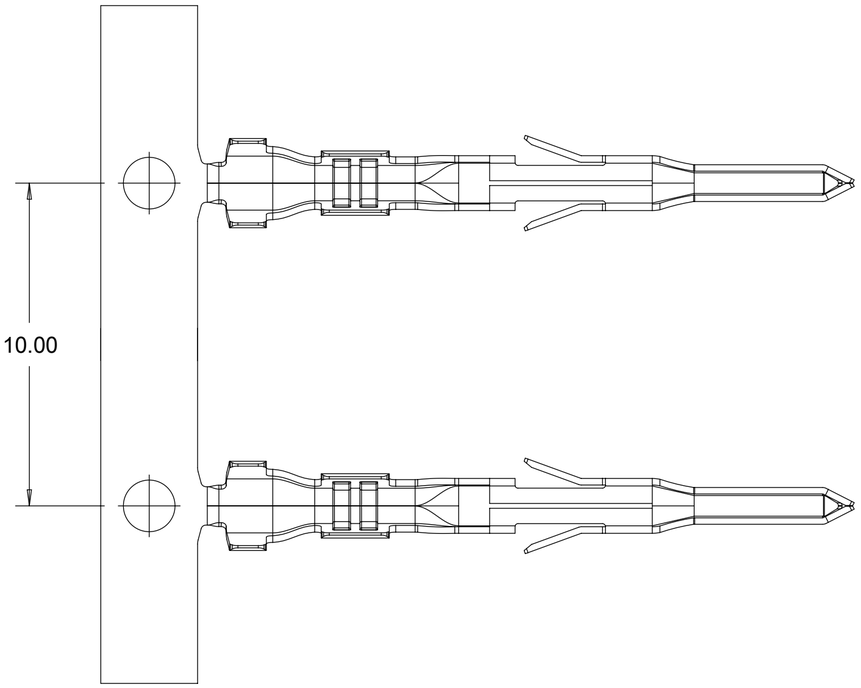
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	172765	SEE TABLE	GENERAL MARKET	1 OF 2

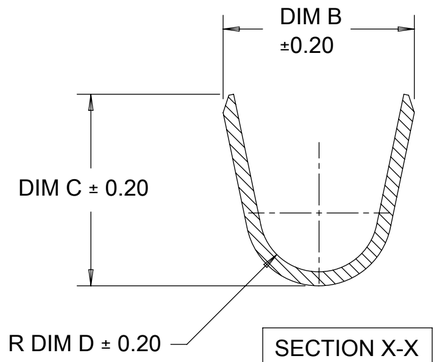
DOCUMENT STATUS	P1	RELEASE DATE	2023/07/17 04:34:41

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

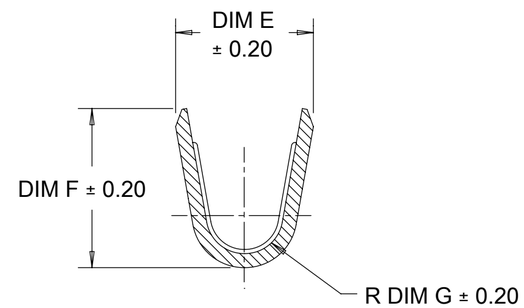
	MOLEX PART NUMBER	BASE MAT'L	WIRE AWG	COMBINATION WIRE AWG	WIRE OD RANGE	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
CHAIN	172765-1121	BRASS	16	NA	1.98-2.55	3.27	3.43	1.00	2.35	2.90	0.70
	172765-2121			NA	2.55-3.14	3.74	3.66	1.43			
	172765-3121		18-20	NA	1.42-2.10	2.77	2.77	0.85	2.00	2.30	0.55
	172765-4121			22+22 AWG	2.10-2.85	3.36	3.37	1.25			
	172765-5121		22-24	NA	1.07-1.65	2.33	2.27	0.70	1.68	1.65	0.40
	172765-6121			NA	1.65-2.38	3.14	3.09	1.00			
LOOSE	172765-1122		16	NA	1.98-2.55	3.27	3.43	1.00	2.35	2.90	0.70
	172765-2122			NA	2.55-3.14	3.74	3.66	1.43			
	172765-3122		18-20	NA	1.42-2.10	2.77	2.77	0.85	2.00	2.30	0.55
	172765-4122			NA	2.10-2.85	3.36	3.37	1.25			
	172765-5122		22-24	NA	1.07-1.65	2.33	2.27	0.70	1.68	1.65	0.40
	172765-6122			NA	1.65-2.38	3.14	3.09	1.00			







SECTION X-X
SCALE 15:1



SECTION Y-Y
SCALE 15:1

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

CURRENT REV DESC:

EC NO: 756815
DRWN: JERRYW8 2023/07/17
CHK'D: XQZHANG 2023/07/17
APPR: XQZHANG 2023/07/17

INITIAL REVISION:
DRWN: TGREGORI 2014/12/23
APPR: TGREGORI 2015/01/06

molex

CRIMP TERMINAL
PLUG MINI-FIT TPA2 AND SIGMA

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172765-0000	PSD	000	D5

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	172765	SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/17 04:34:41

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