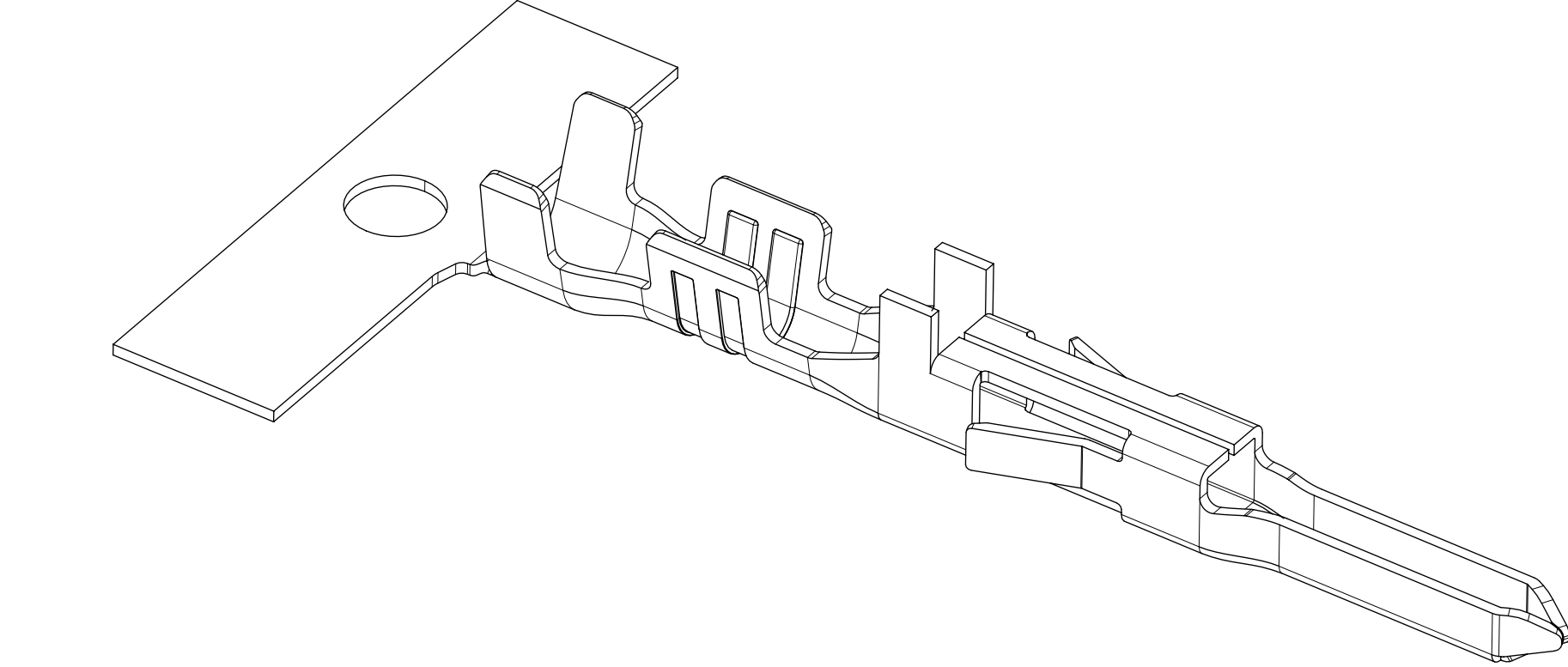
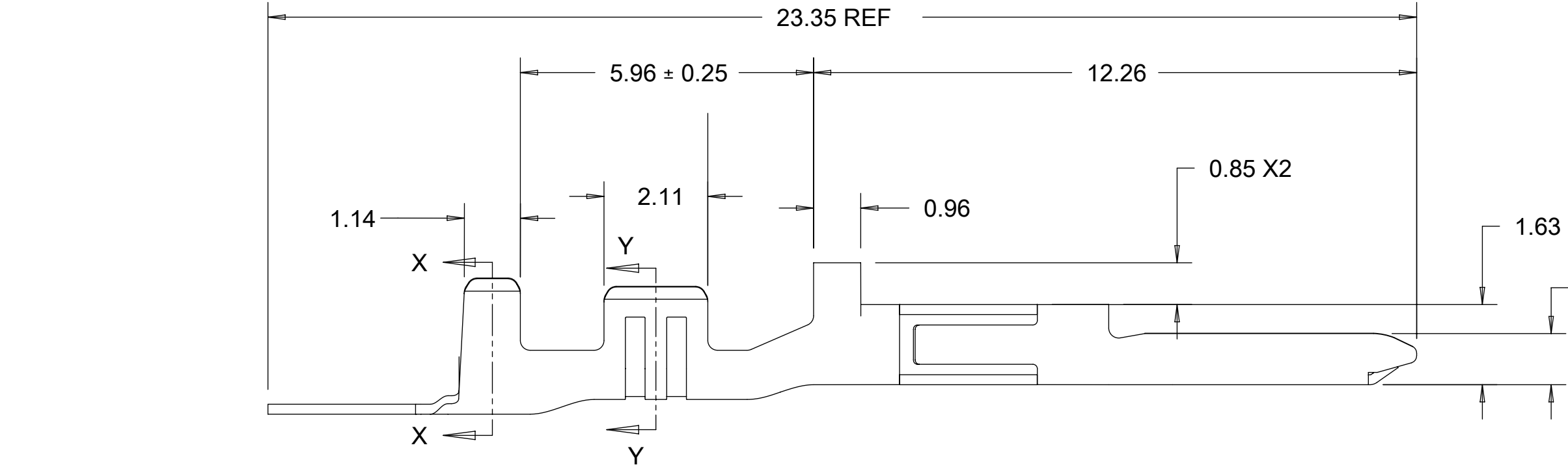
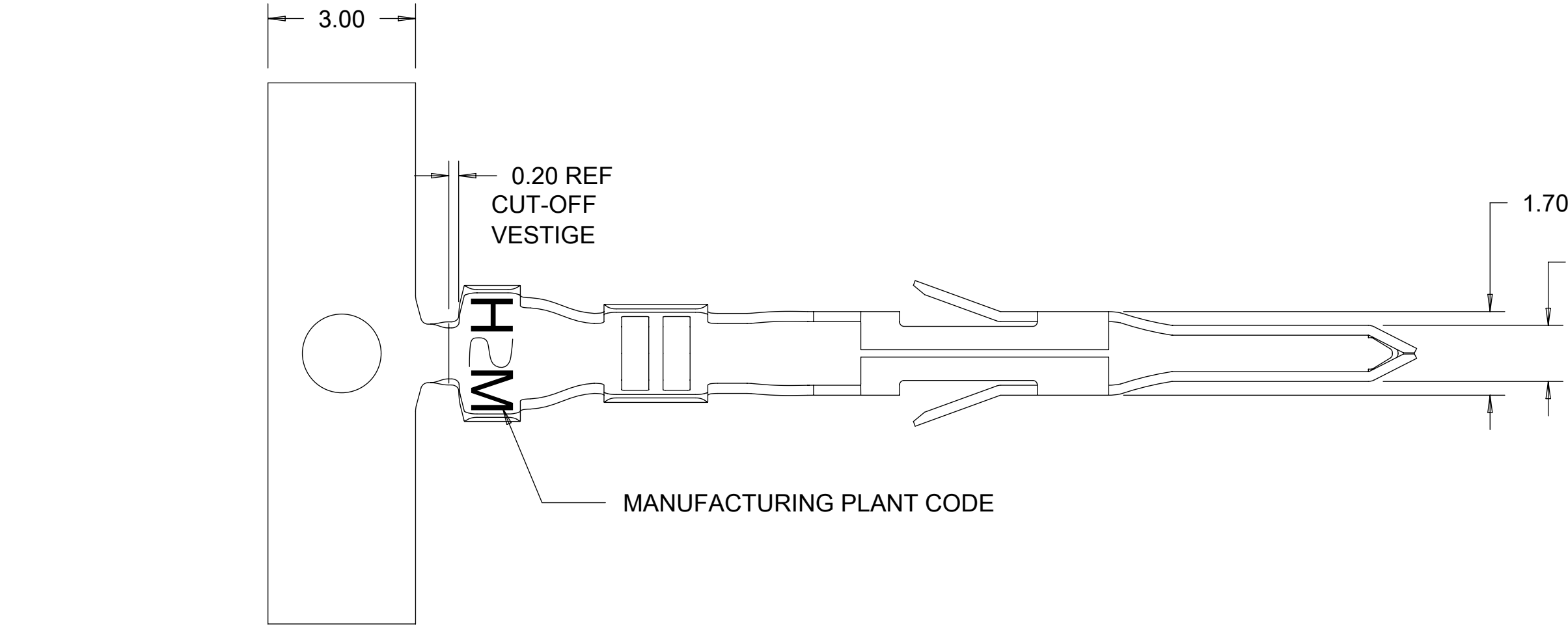




PART LEGEND

172765- * 1 2 *

SERIES

WIRE GAGE (INS OD RANGE)

1 = 16 (Ø1.98-2.55)

2 = 16 (Ø2.55-3.14)

3 = 18-20 (Ø1.42-2.10)

4 = 18-20 (Ø2.10-2.85)

5 = 22-24 (Ø1.07-1.65)

6 = 22-24 (Ø1.65-2.38)

FORM

1 = CHAIN

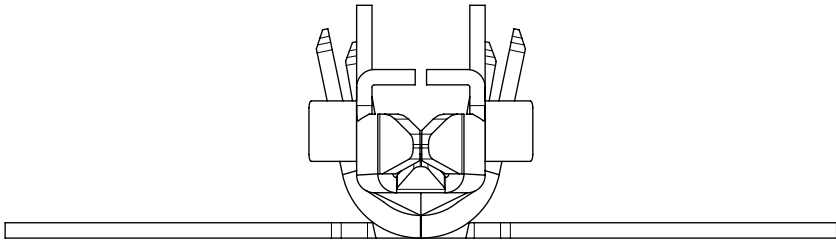
2 = LOOSE

MATERIAL

2 = BRASS

PLATING

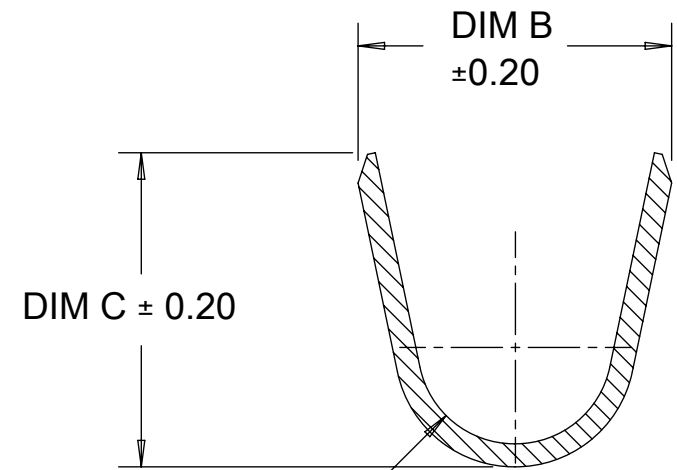
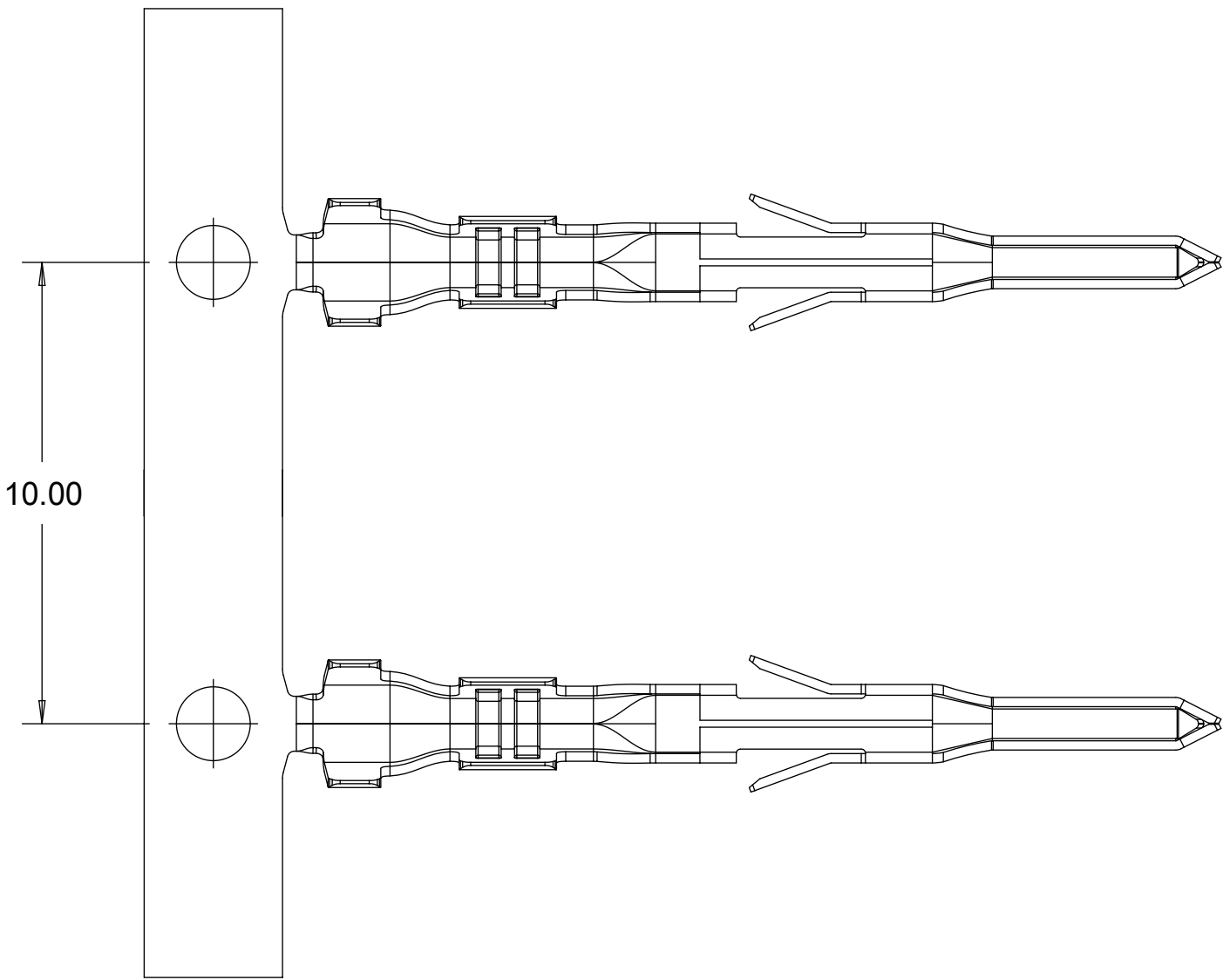
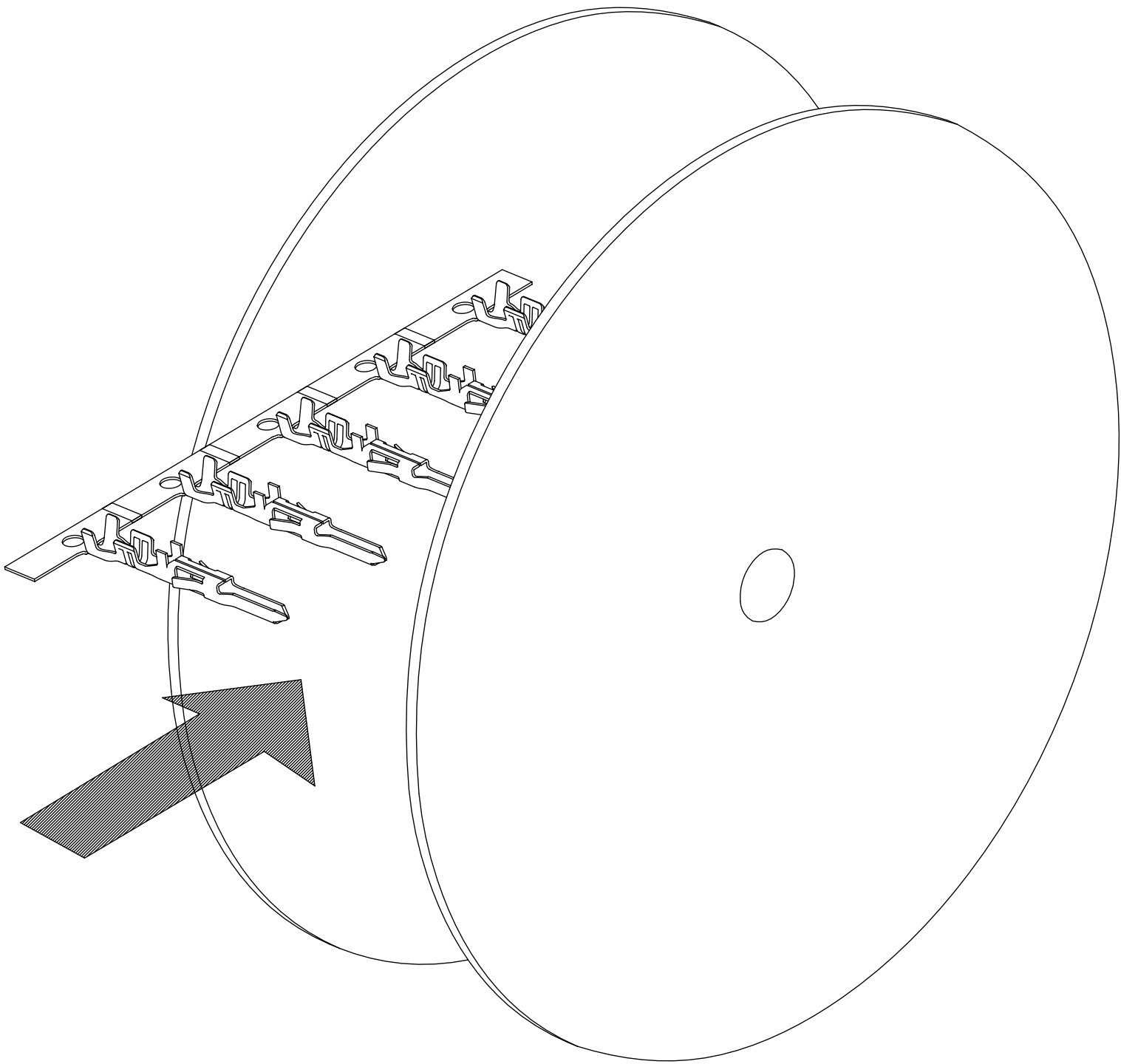
1 = HOT TIN DIP (PRE-PLATE)



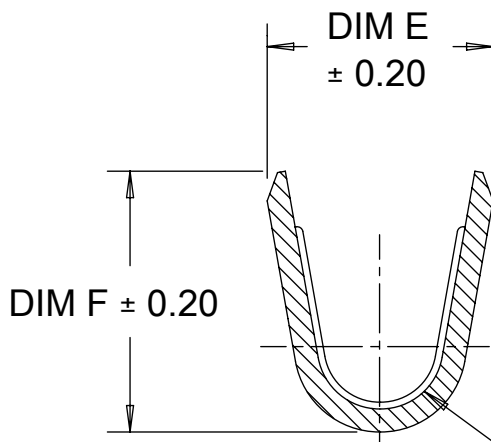
- NOTES:
- MATERIAL:
BRASS ALLOY
 - PRE-PLATED: HOT TIN DIP, OVERALL 2.5µm MIN
 - PRODUCT SPECIFICATION: PS-172718-0000
APPLICATION SPECIFICATION: AS-172718-0000
 - THIS TERMINAL TO BE USED WITH HOUSING SERIES 172762 AND 172767.
 - THIS TERMINAL MATES WITH FEMALE CRIMP TERMINAL SERIES 5556 & 172718.
 - PACKAGING: REELS TO BE PACKED PER PK-172765-0000
LOOSE TERMINALS PER PK-172765-0001
 - PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 - 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
 - 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		CURRENT REV DESC:				molex				
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)												CRIMP TERMINAL PLUG MINI-FIT TPA2 AND SIGMA
ANGULAR TOL		±	°	EC NO: 756815 DRWN: JERRYW8 2023/07/17 CHK'D: XQZHANG 2023/07/17 APPR: XQZHANG 2023/07/17				PRODUCT CUSTOMER DRAWING				
4 PLACES		±										
3 PLACES		±										
2 PLACES		±	0.2									
1 PLACE		±	0.2									
0 PLACES		±		INITIAL REVISION: DRWN: TGREGORI 2014/12/23 APPR: TGREGORI 2015/01/06				DOCUMENT NUMBER SD-172765-0000		DOC TYPE PSD	DOC PART 000	REVISION D5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE	SERIES 172765	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2

	12	11		10	9		8		7		
	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
H	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			
G	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		SCALE		CURRENT REV DESC:				molex									
mm		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)				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				CRIMP TERMINAL PLUG MINI-FIT TPA2 AND SIGMA									
ANGULAR TOL ± °								PRODUCT CUSTOMER DRAWING									
4 PLACES		±						DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
3 PLACES		±						SD-172765-0000				PSD		000		D5	
2 PLACES		± 0.2															
1 PLACE		± 0.2															
0 PLACES		±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						C-SIZE		172765		SEE TABLE		GENERAL MARKET		2 OF 2			