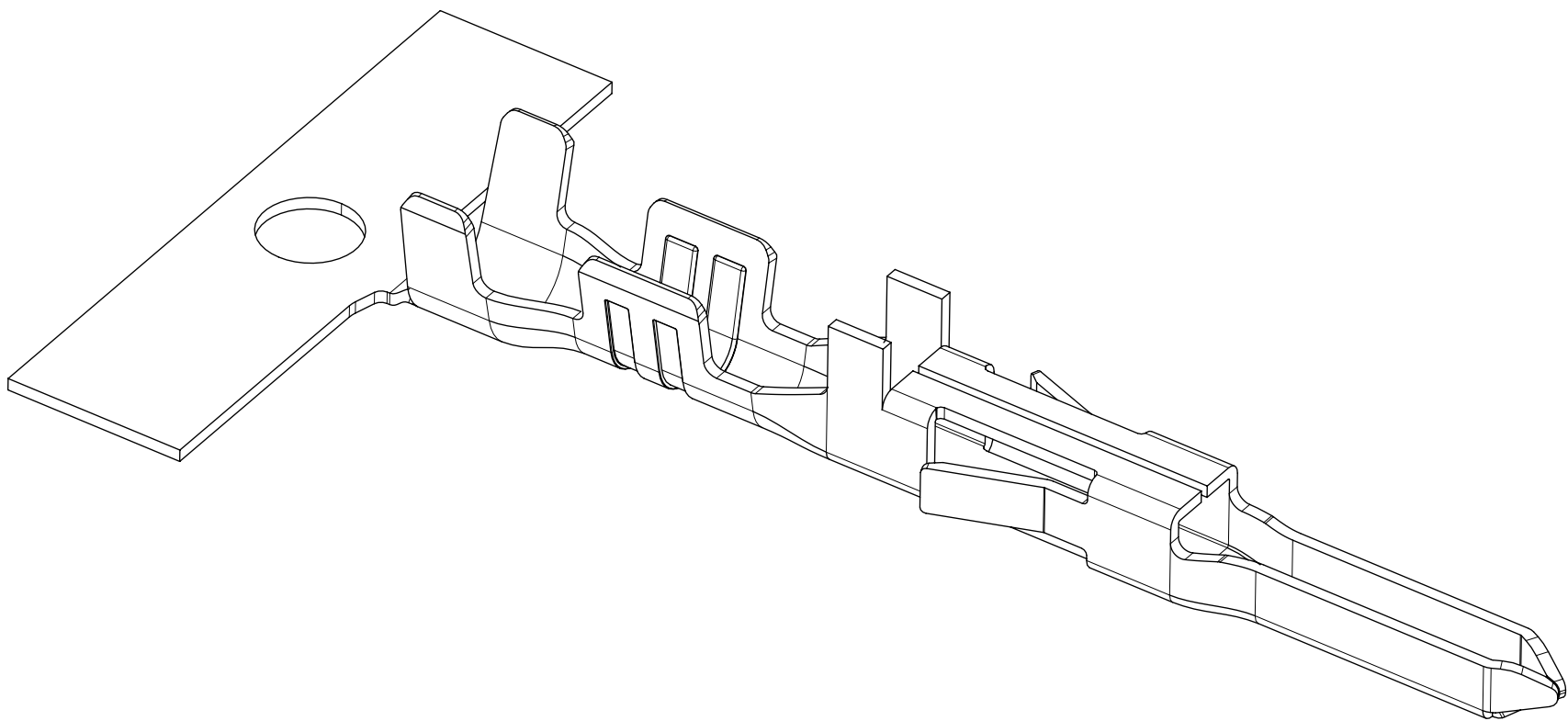
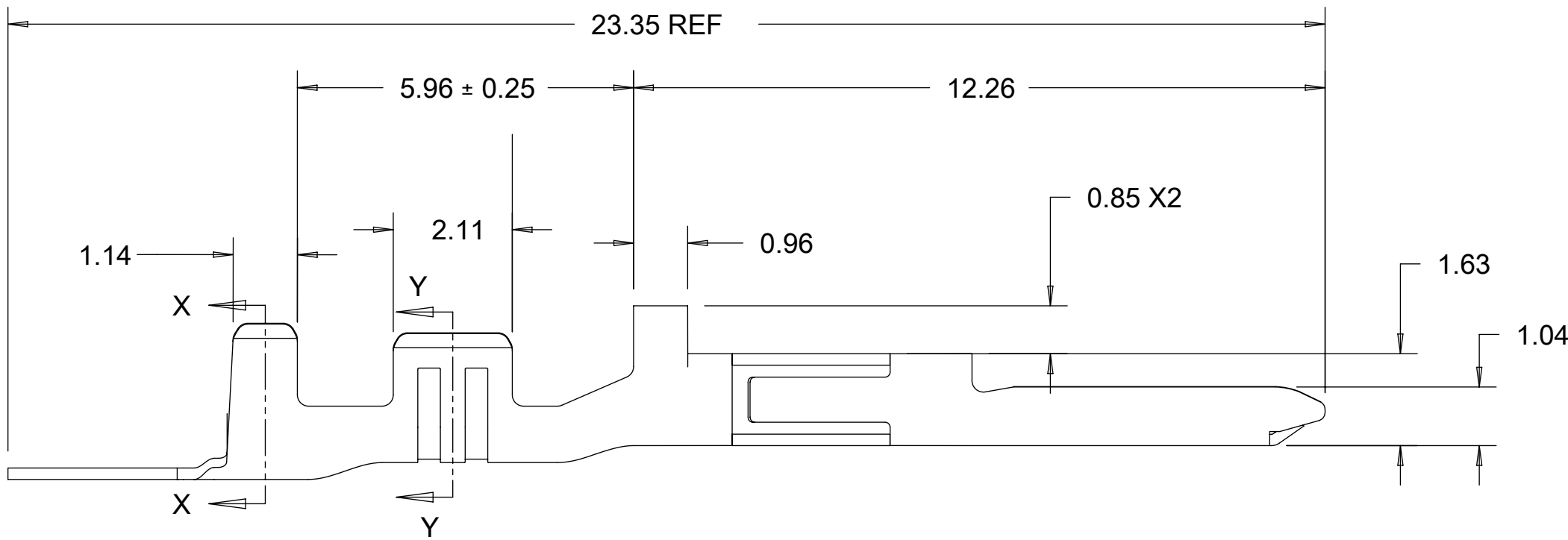
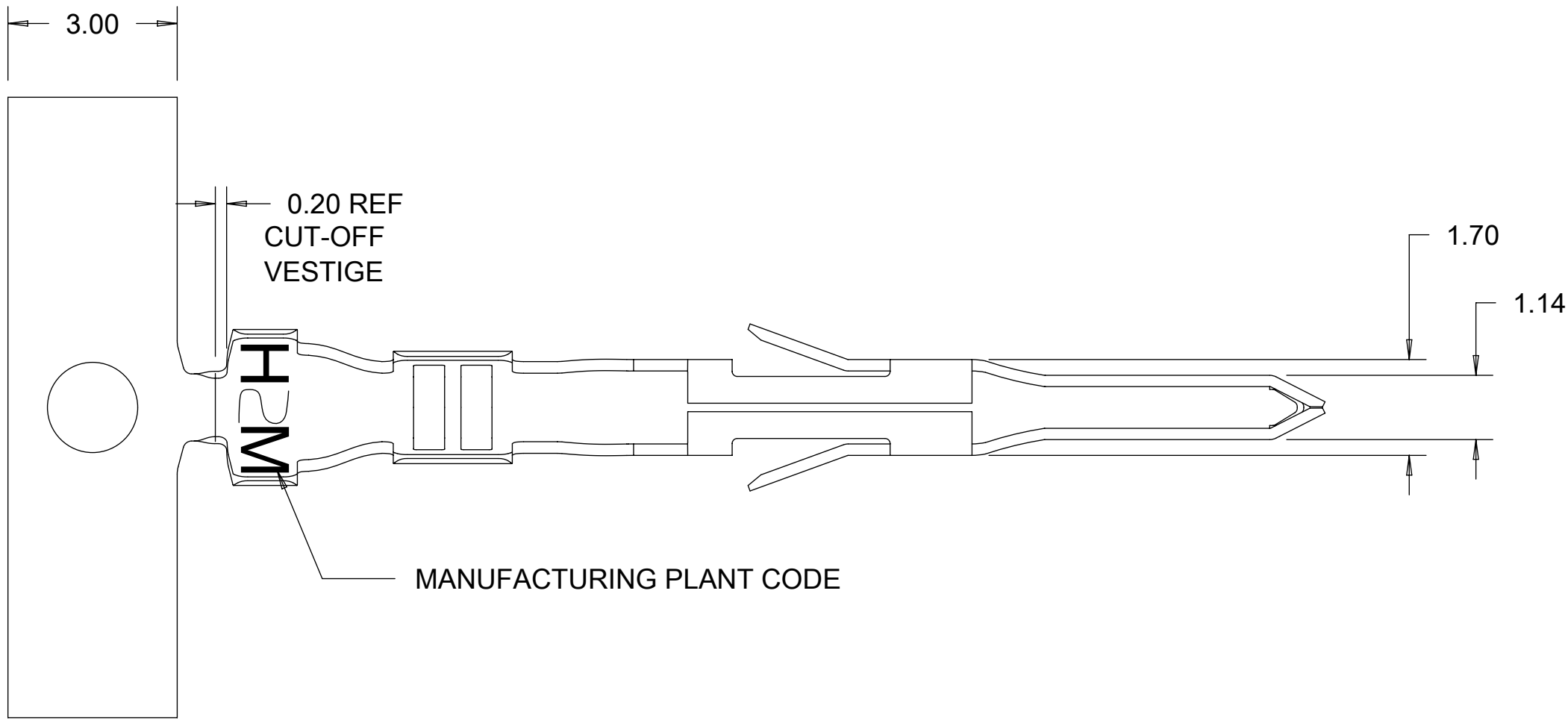




PART LEGEND

172765- * 1 2 *

SERIES

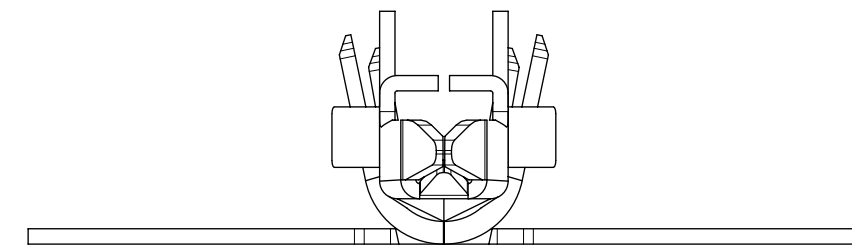
WIRE GAGE (INS OD RANGE)

- 1 = 16 ($\varnothing$ 1.98-2.55)
- 2 = 16 ($\varnothing$ 2.55-3.14)
- 3 = 18-20 ($\varnothing$ 1.42-2.10)
- 4 = 18-20 ($\varnothing$ 2.10-2.85)
- 5 = 22-24 ($\varnothing$ 1.07-1.65)
- 6 = 22-24 ($\varnothing$ 1.65-2.38)

FORM
1 = CHAIN
2 = LOOSE

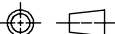
MATERIAL
2 = BRASS

PLATING
1 = HOT TIN DIP (PRE-PLATE)



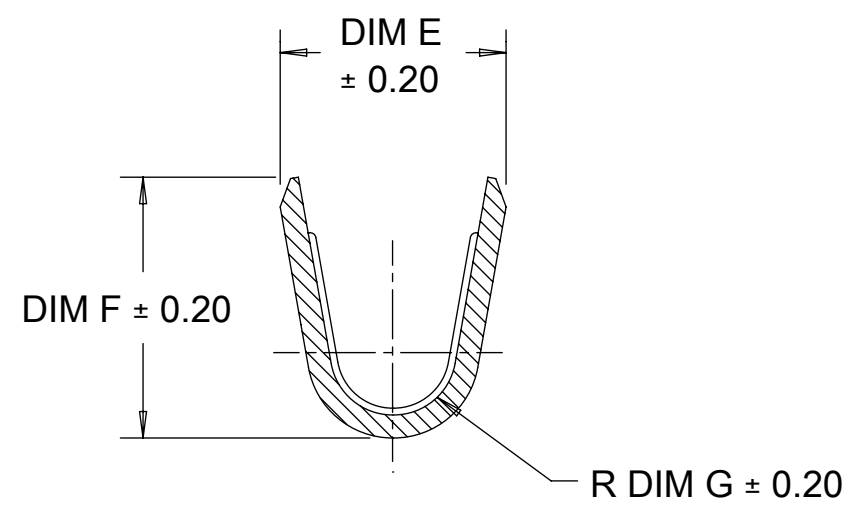
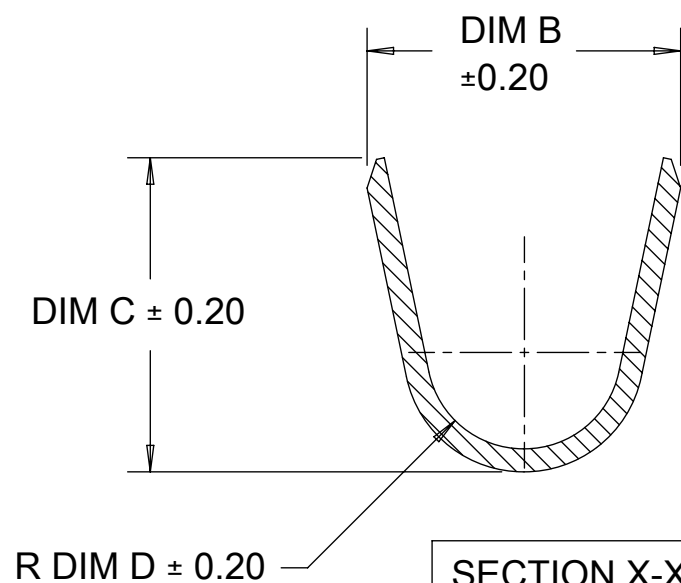
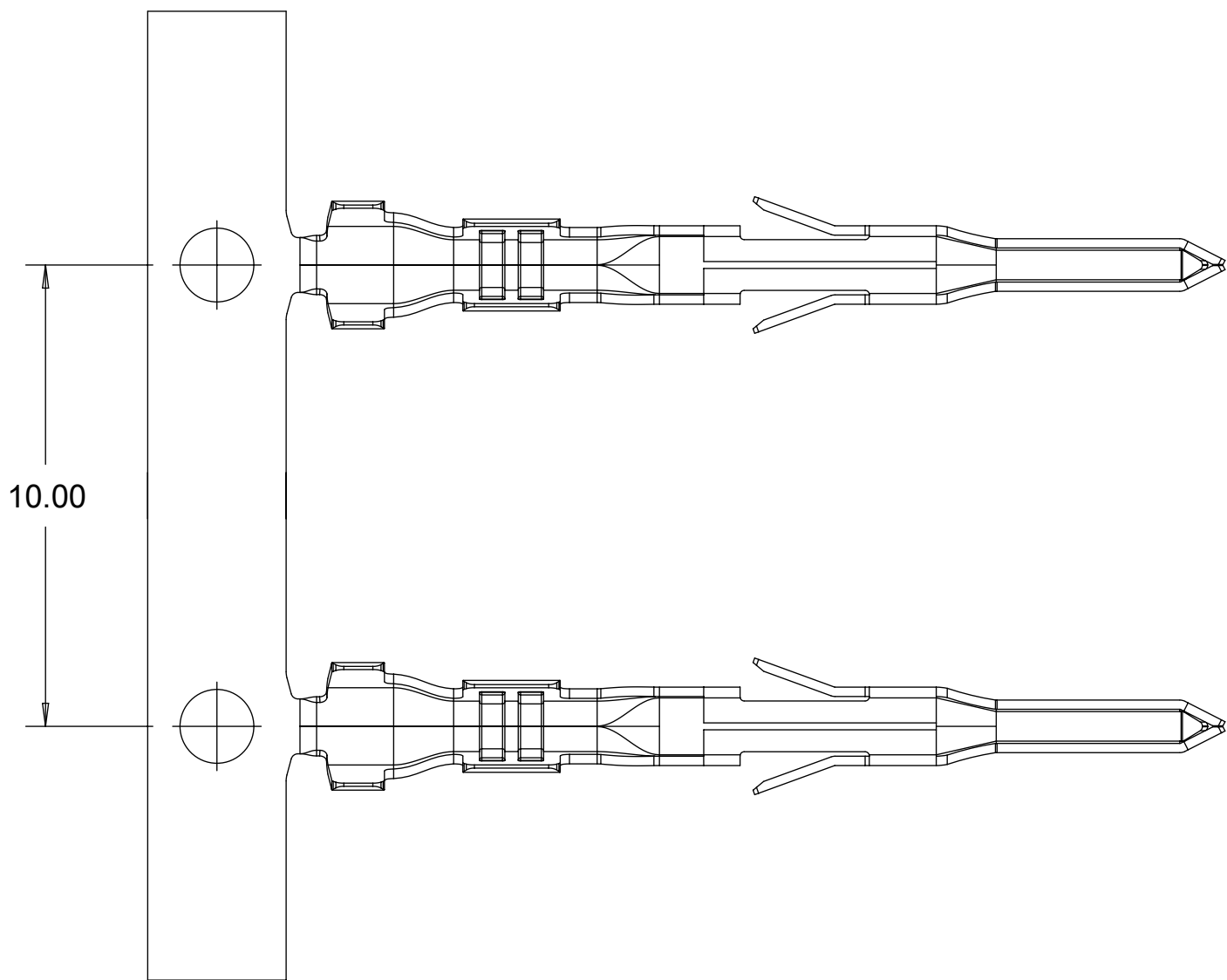
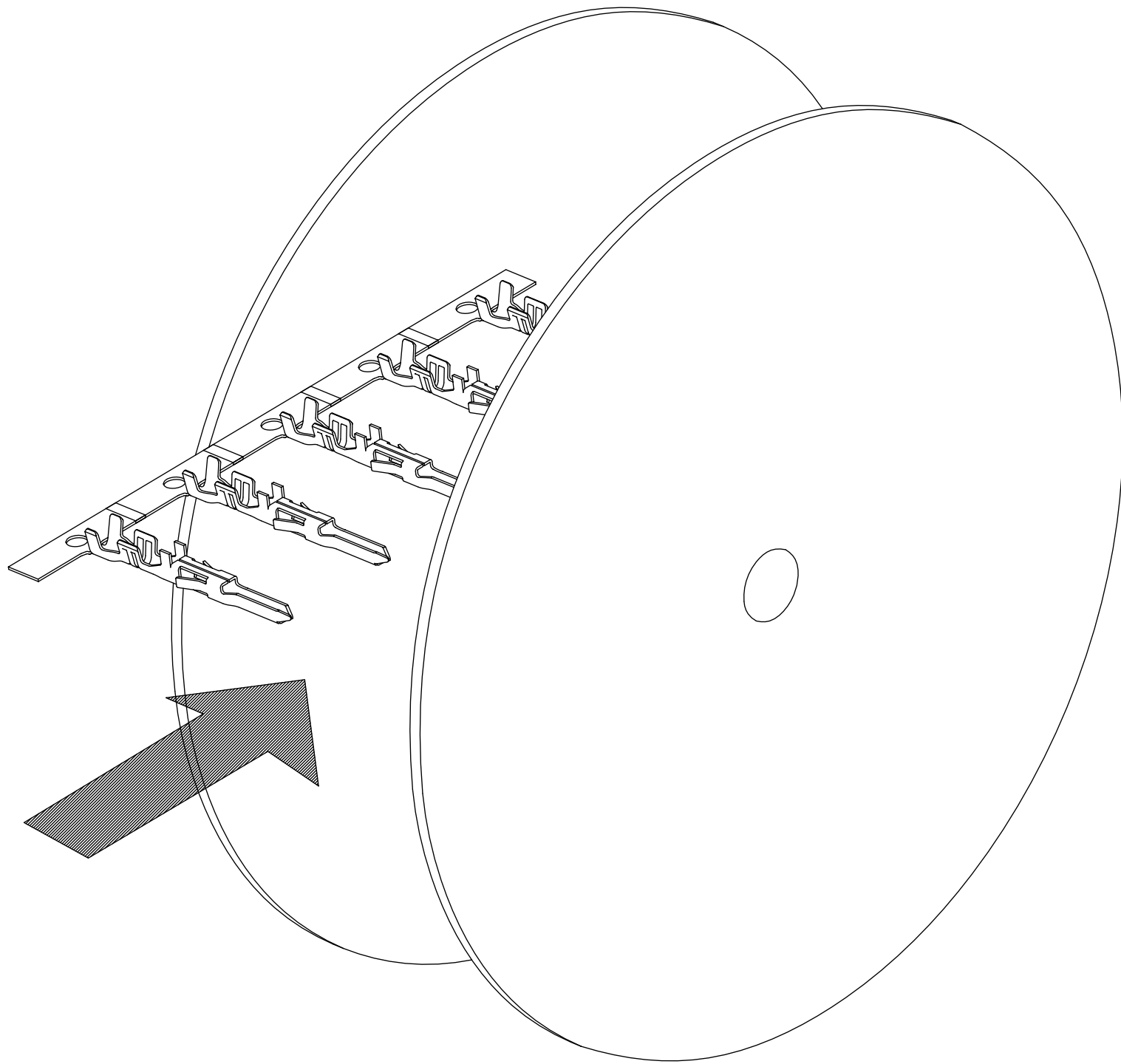
NOTES:

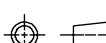
- MATERIAL:
BRASS ALLOY
- PRE-PLATED: HOT TIN DIP, OVERALL 2.5 m MIN
- PRODUCT SPECIFICATION: PS-172718-0000
APPLICATION SPECIFICATION: AS-172718-0000
- THIS TERMINAL TO BE USED WITH HOUSING SERIES 172762 AND 172767.
- THIS TERMINAL MATES WITH FEMALE CRIMP TERMINAL SERIES 5556 & 172718.
- PACKAGING: 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 INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
EC DESCRIPTION EC NO: 664404 DRWN: KCHIKKANNA CHKD: KCHIKKANNA REV APPR: ISHWARG	2021/05/14 2021/05/19 2021/05/20	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS mm		SCALE 10:1		molex					
		ANGULAR TOL ± °		DRWN BY		DATE							
		4 PLACES ±		TGREGORI		2014/12/23							
		3 PLACES ±		CHK'D BY		DATE		CRIMP TERMINAL PLUG MINI-FIT TPA2 AND SIGMA					
		2 PLACES ± 0.10		APPR BY		DATE							
		1 PLACE ± 0.2		RHODGE		2014/02/26		PRODUCT CUSTOMER DRAWING					
		0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		C				172765		SEE TABLE SHEET 2		GENERAL MARKET	
		D3		REV		DOCUMENT NUMBER SD-172765-0000		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 1 OF 2	

12		11		10		9		8		7		6		5		4		3		2		1	
	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		BRASS	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														

A technical drawing of a cable assembly, likely a Molex connector. The drawing shows a cross-section of the cable with various dimensions labeled. Dimensions 1 through 12 are labeled at the top of the drawing, corresponding to the columns in the table above. The drawing shows a cable with a braided shield, a central conductor, and a Molex connector. The dimensions are: 1. Overall length, 2. Length of the braided shield, 3. Length of the central conductor, 4. Length of the Molex connector, 5. Length of the Molex connector housing, 6. Length of the Molex connector housing, 7. Length of the Molex connector housing, 8. Length of the Molex connector housing, 9. Length of the Molex connector housing, 10. Length of the Molex connector housing, 11. Length of the Molex connector housing, 12. Length of the Molex connector housing.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
EC DESCRIPTION EC NO: 664404 DRWN: KCHIKKANNA CHK'D: KCHIKKANNA REV APPR: ISHWARG	2021/05/14 2021/05/19 2021/05/20	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex							
				mm		7:1									
		ANGULAR TOL ± °		DRWN BY		DATE		CRIMP TERMINAL PLUG MINI-FIT TPA2 AND SIGMA							
		4 PLACES ±		TGREGORI		2014/12/23									
		3 PLACES ±		CHK'D BY		DATE									
		2 PLACES ± 0.10		APPR BY		DATE		PRODUCT CUSTOMER DRAWING							
		1 PLACE ± 0.2		RHODGE		2014/02/26									
		0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER			CUSTOMER			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		C				172765		SEE TABLE			GENERAL MARKET		
								DOCUMENT NUMBER SD-172765-0000			DOC TYPE PSD	DOC PART 000	SHEET NUMBER 2 OF 2		