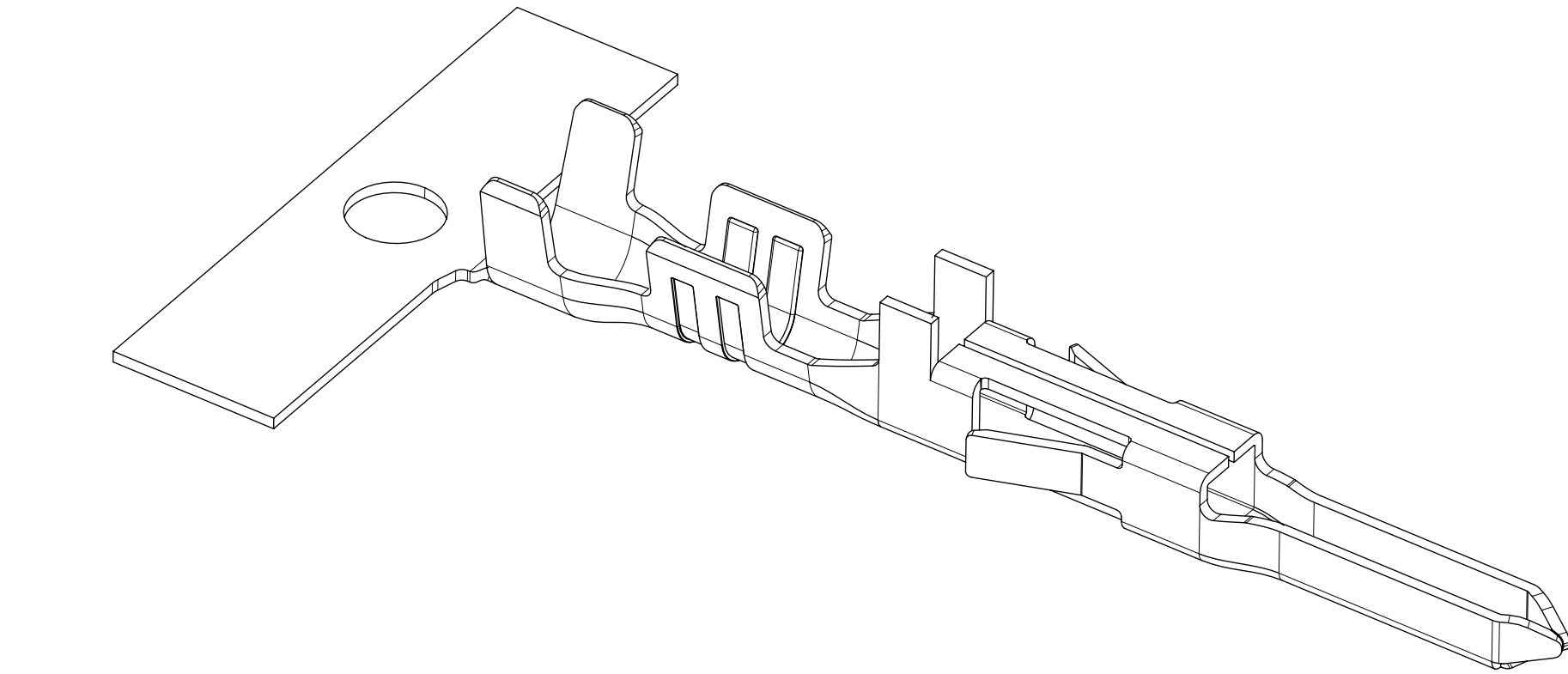
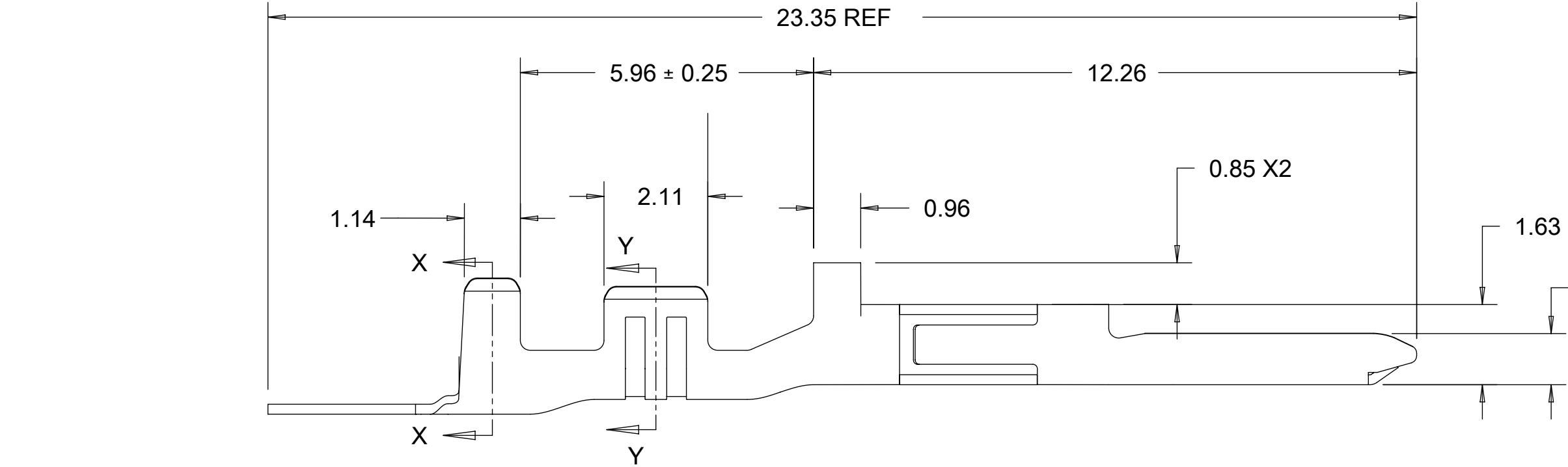
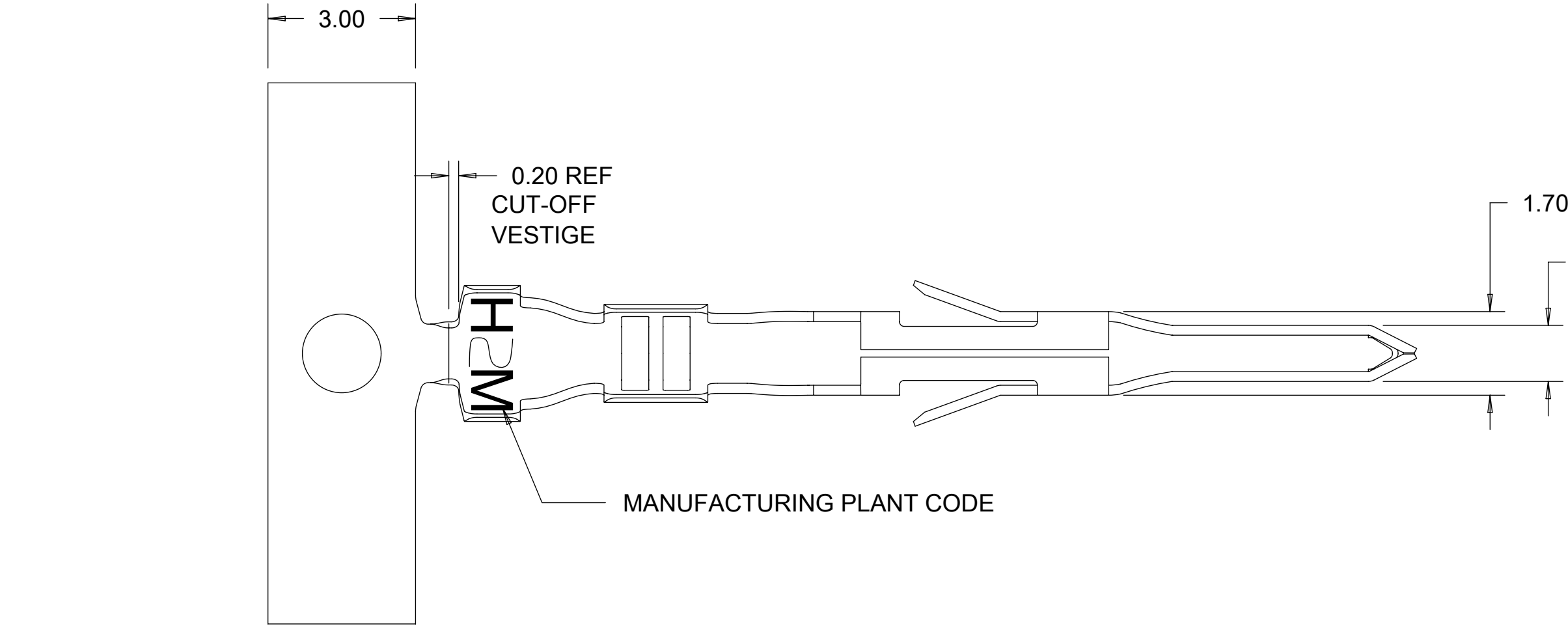
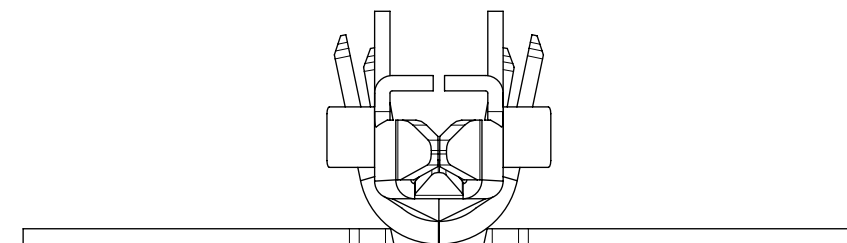




PART LEGEND

172765-		*	1	2	*
SERIES		WIRE GAGE (INS OD RANGE)		FORM	
1 = 16 (Ø1.98-2.55)		2 = 16 (Ø2.55-3.14)		1 = CHAIN	
3 = 18-20 (Ø1.42-2.10)		4 = 18-20 (Ø2.10-2.85)		2 = LOOSE	
5 = 22-24 (Ø1.07-1.65)		6 = 22-24 (Ø1.65-2.38)		MATERIAL	
				2 = BRASS	
				PLATING	
				1 = HOT TIN DIP (PRE-PLATE)	

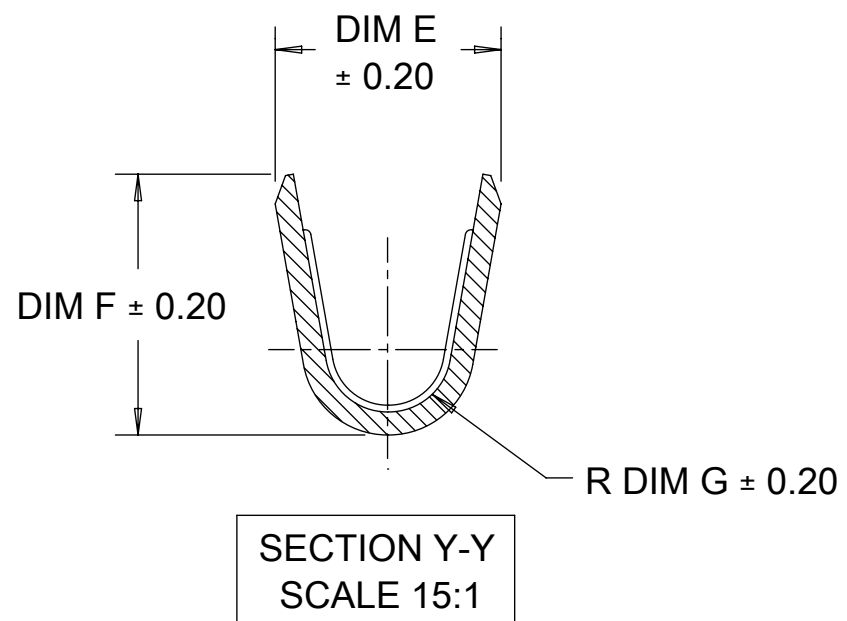
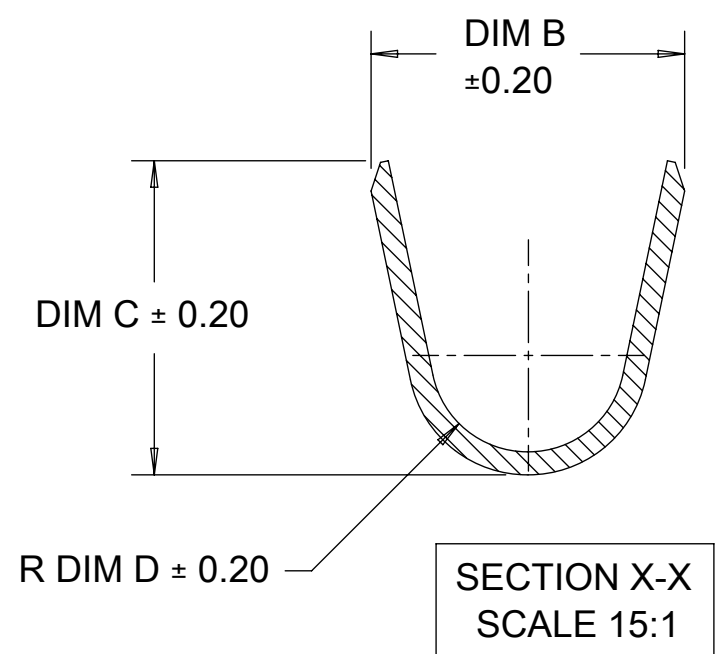
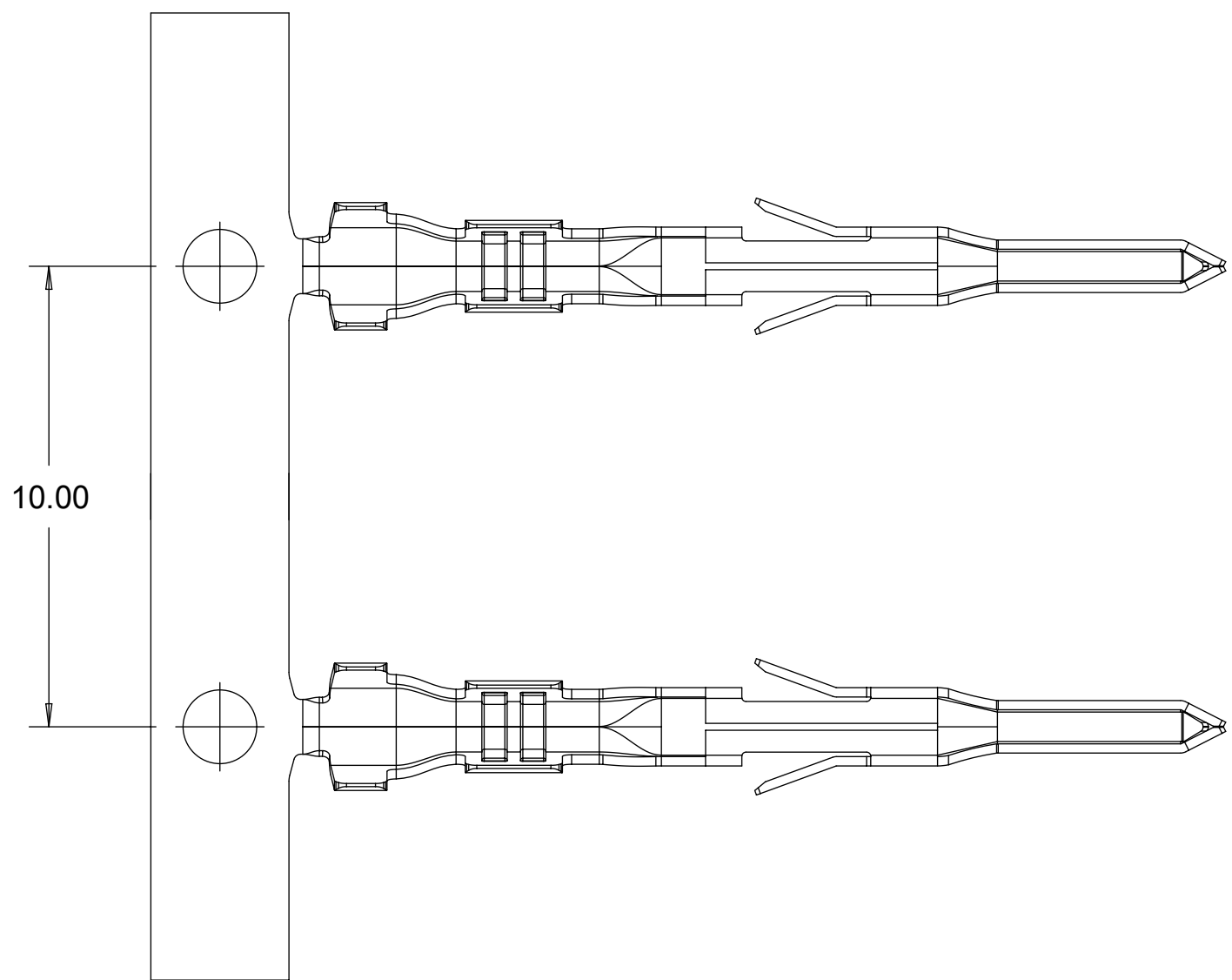
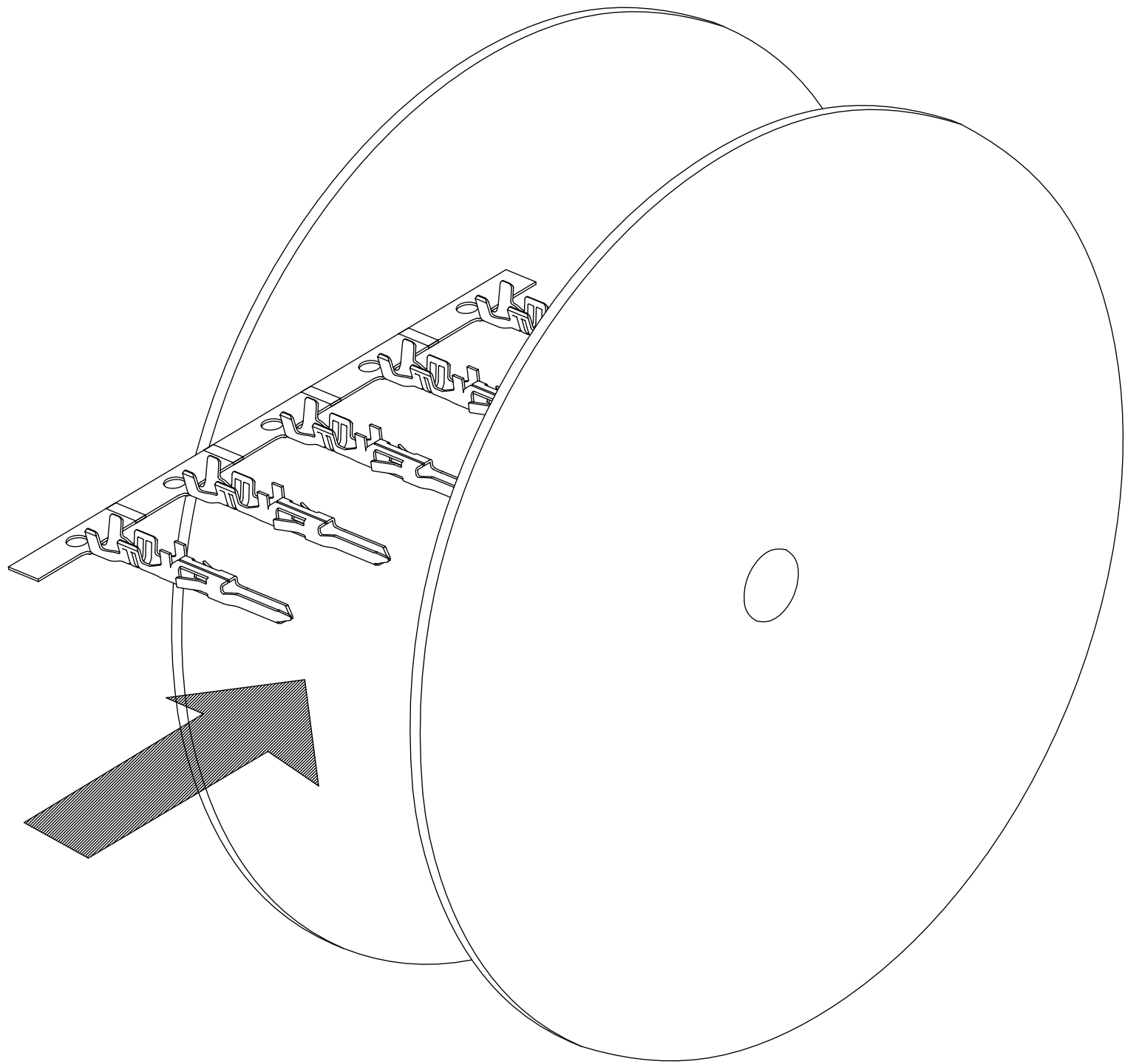


- NOTES:
- MATERIAL:
BRASS ALLOY
 - PRE-PLATED: HOT TIN DIP, OVERALL 2.5µm MIN
 - PRODUCT SPECIFICATION: PS-172718-0000
APPLICATION SPECIFICATION: AS-172718-0000
 - THIS TERMINAL TO BE USED WITH HOUSING SERIES 172762 AND 172767.
 - THIS TERMINAL MATES WITH FEMALE CRIMP TERMINAL SERIES 5556 & 172718.
 - 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 ± °															
4 PLACES		±										EC NO: 756815			
3 PLACES		±										DRWN: JERRYW8			

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	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			



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DIMENSION UNITS	SCALE	CURRENT REV DESC:			molex CRIMP TERMINAL PLUG MINI-FIT TPA2 AND SIGMA PRODUCT CUSTOMER DRAWING				
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 756815		2023/07/17					
ANGULAR TOL	± °	DRWN: JERRYW8		2023/07/17					
4 PLACES	±	CHK'D: XQZHANG		2023/07/17					
3 PLACES	±	APPR: XQZHANG		2023/07/17					
2 PLACES	± 0.2	INITIAL REVISION:		DOCUMENT NUMBER					
1 PLACE	± 0.2	DRWN: TGREGORI		SD-172765-0000					
0 PLACES	±	APPR: TGREGORI		PSD					
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		

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