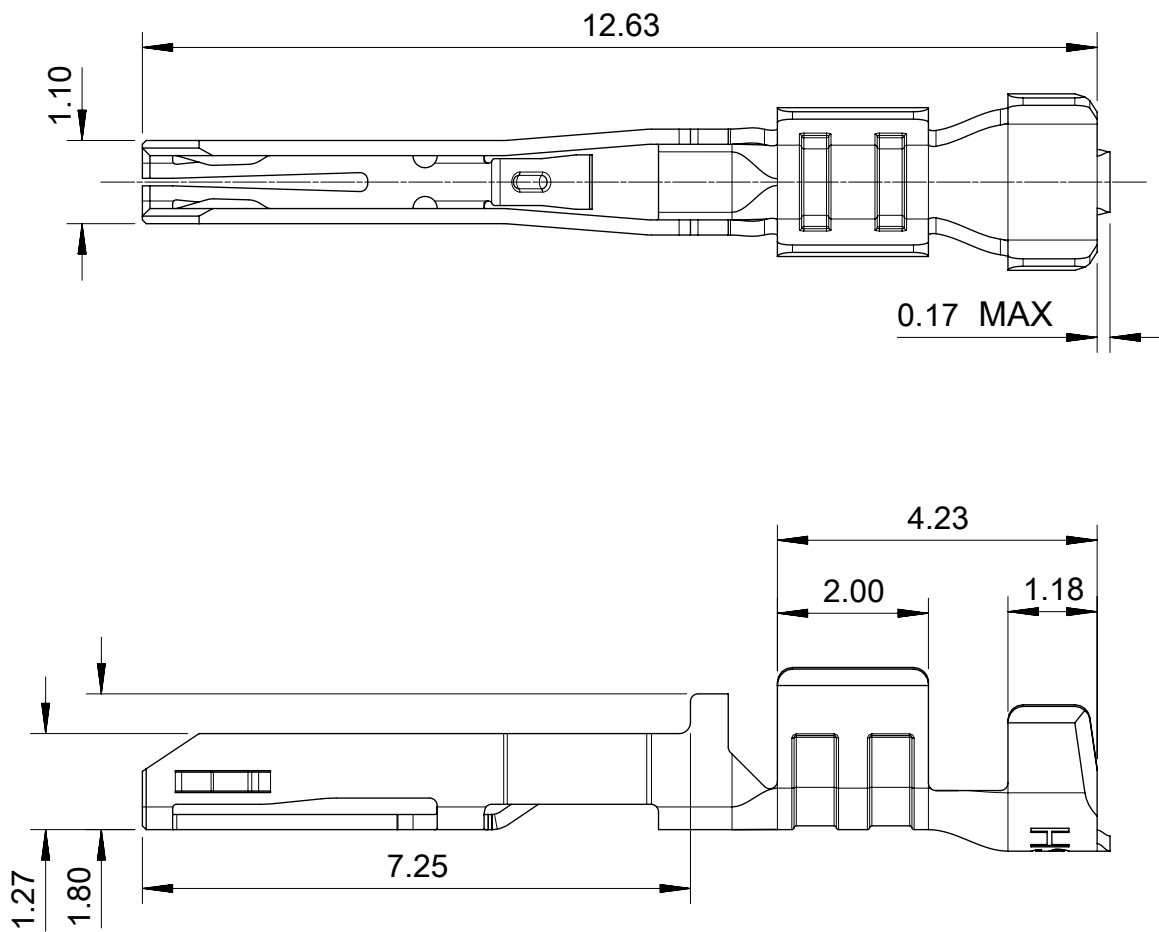
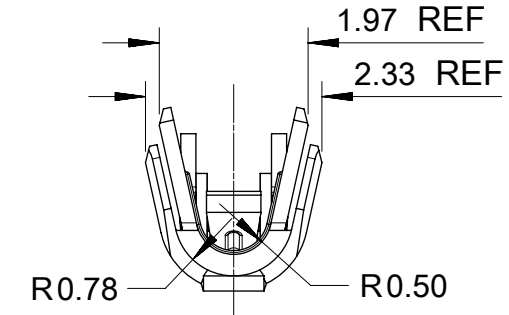
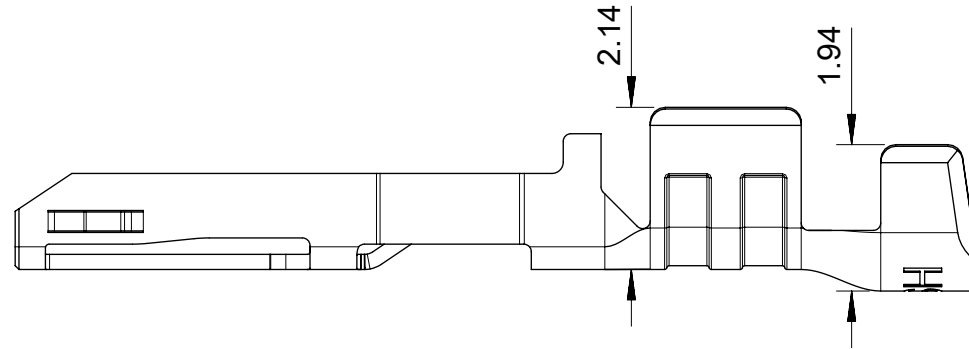


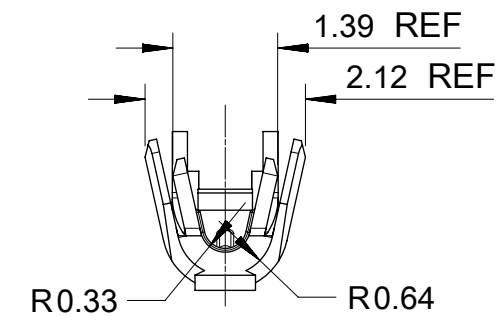
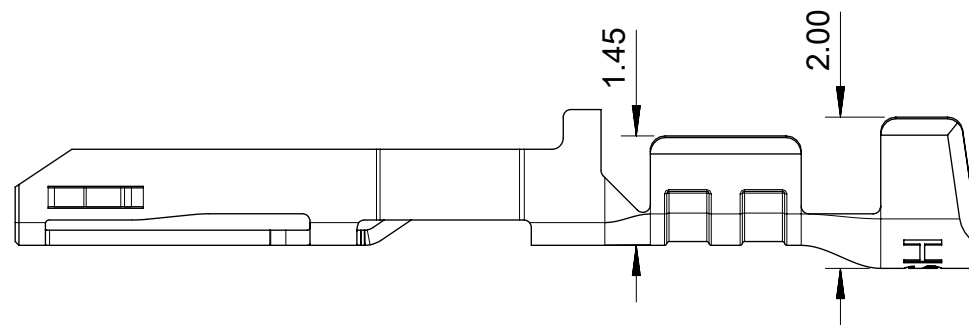
- NOTES:
1. MATERIAL: HIGH CONDUCTIVITY COPPER ALLOY.
 2. PLATING FINISH SEE CHART IN SHEET 3.
 3. PRODUCT SPECIFICATION: PS-105300-100.
 4. PACKAGE SPECIFICATION: PK-105300-100.
 5. THE COMPONENT COMPLIANT TO RoHS DIRECTIVE 2011/65/EU AND ELV DIRECTIVE 2000/53/EC.
 6. PRODUCT APPLY TO RECEPTACLE HOUSING OF 105307-**** AND 105308-****.
 7. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 8. APPLICATION SPECIFICATION: AS-105300-100.
 9. RECOMMENDED INSULATOR:
20AWG WIRE, OD 1.60MM MAX.
24AWG WIRE, OD 1.30MM MAX.

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		10:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 749038 DRWN: GLLI2023/05/10 CHK'D: XQZHANG2023/05/25 APPR: XQZHANG2023/05/25 INITIAL REVISION: DRWN: GLLI2015/03/18 APPR: AYIN2015/04/08							
ANGULAR TOL ± 3.0 °											
4 PLACES		±									
3 PLACES		±									
2 PLACES		± 0.15									
1 PLACE		± 0.2									
0 PLACES		±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		105300		CUSTOMER	
										GENERAL MARKET	
										SHEET NUMBER	
										1 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/25 00:11:22
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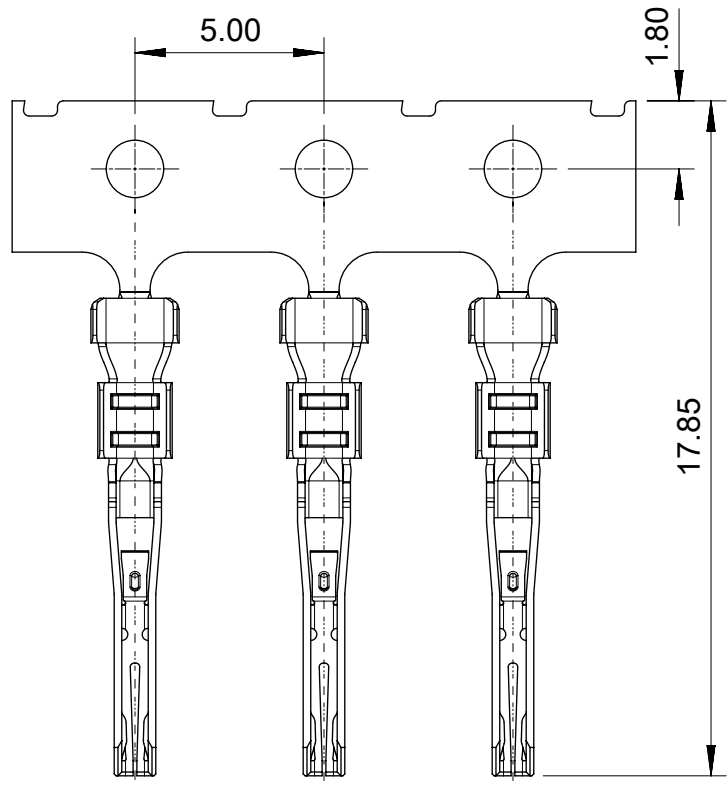
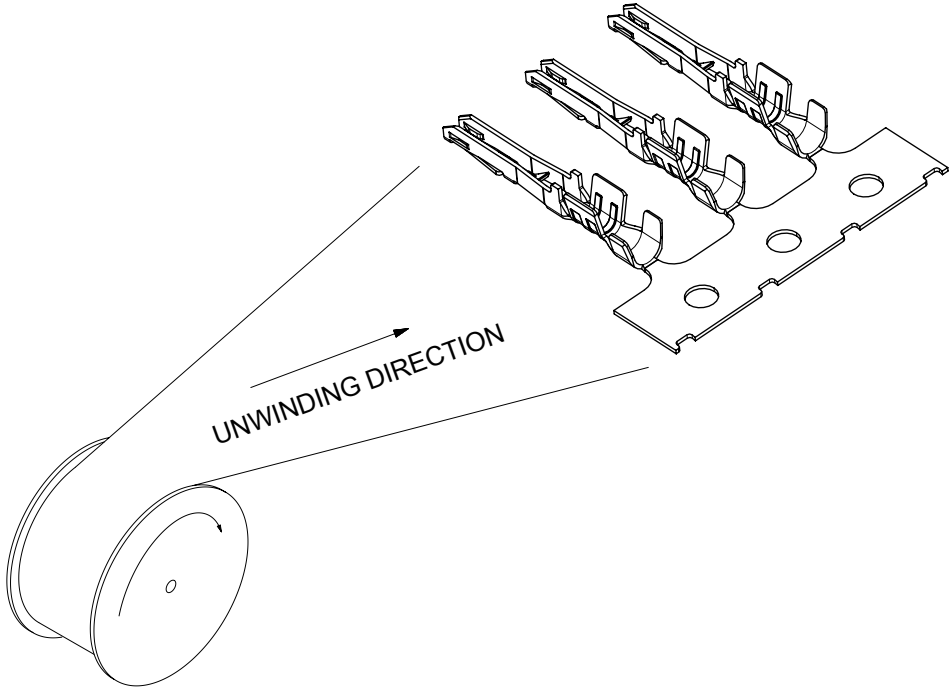
ONLY FOR WIRE OF AWG 20/22



ONLY FOR WIRE OF AWG 24/26

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		10:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				CRIMP TERMINAL OF NANO-FIT, GOLD PLATING POWER CONNECTOR											
ANGULAR TOL ± 3.0 °															
4 PLACES		±		EC NO: 749038			PRODUCT CUSTOMER DRAWING								
3 PLACES		±		DRWN: GLLI 2023/05/10											
2 PLACES		± 0.15		CHK'D: XQZHANG 2023/05/25											
INITIAL REVISION:				DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION	
1 PLACE		± 0.2													
0 PLACES		±		DRWN: GLLI 2015/03/18			SD-105300-100			PSD		000		G4	
APPR: AYIN 2015/04/08				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															
				A3-SIZE		105300				GENERAL MARKET		2 OF 3			

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/25	00:11:22
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	PART NUMBER (WITH LUBE)	PART NUMBER (WITHOUT LUBE)	PLATING TYPE	WIRE SIZE(AWG)	REMARK
CHAIN	N/A	105300-1200	B	24/26	GENERAL MARKET
	105300-1400	105300-1300	C		
	N/A	105300-1810	D		
	N/A	105300-2200	B	20/22	
	105300-2400	105300-2300	C		
	N/A	105300-1900	D		
LOOSE*	N/A	105300-1600	B	24/26	ONLY BE SOLD BY MOLEX FRANCHISED DISTRIBUTORS
	105300-1800	105300-1700	C		
	N/A	105300-1820	D		
	N/A	105300-2600	B	20/22	
	105300-2800	105300-2700	C		
	N/A	105300-1920	D		
*DISTRIBUTORS MUST PURCHASE CHAIN PART NUMBER AND CREATE LOOSE PIECE PRODUCT.					

PLATING SPECIFICATION	
B	GOLD PLATING 0.38 MICRONS MINIMUM ON CONTACT AREA, MATTE TIN 1.25 MICRONS MINIMUM ON CRIMP AREA, UNDER NICKEL PLATING 1.25 MICRONS MINIMUM OVERALL.
C	GOLD PLATING 0.76 MICRONS MINIMUM ON CONTACT AREA, MATTE TIN 1.25 MICRONS MINIMUM ON CRIMP AREA, UNDER NICKEL PLATING 1.25 MICRONS MINIMUM OVERALL.
D	GOLD PLATING 0.025 MICRONS MINIMUM ON CONTACT AREA, MATTE TIN 1.25 MICRONS MINIMUM ON CRIMP AREA, UNDER NICKEL PLATING 1.25 MICRONS MINIMUM OVERALL.

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DIMENSION UNITS	SCALE	CURRENT REV DESC:			molex				
mm	5:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 749038 DRWN: GLLI CHK'D: XQZHANG APPR: XQZHANG INITIAL REVISION: DRWN: GLLI APPR: AYIN			CRIMP TERMINAL OF NANO-FIT, GOLD PLATING POWER CONNECTOR				
ANGULAR TOL	± 3.0 °				PRODUCT CUSTOMER DRAWING				
4 PLACES	±				2023/05/10				
3 PLACES	±				2023/05/25				
2 PLACES	± 0.15				2023/05/25				
1 PLACE	± 0.2				2015/03/18				
0 PLACES	±	2015/04/08			2015/04/08				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
			A3-SIZE	105300		GENERAL MARKET	3 OF 3		

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