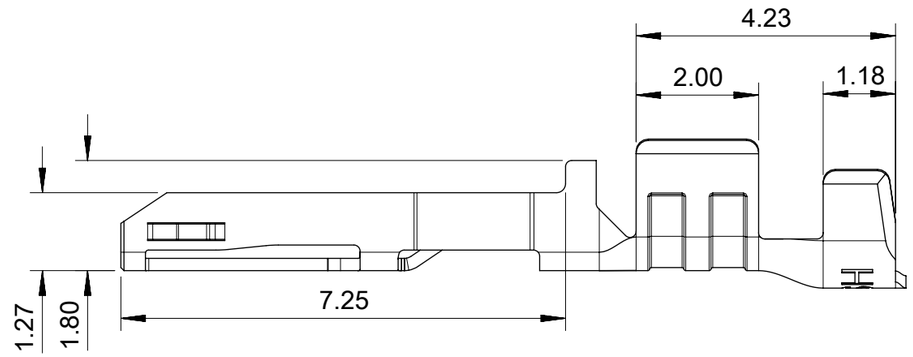
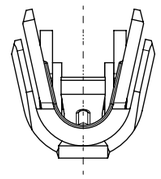






NOTES:
1. MATERIAL: HIGH CONDUCTIVITY COPPER ALLOY.
2. PLATING FINISH SEE CHART IN SHEET 3.
3. PRODUCT SPECIFICATION: PS-105300-100.
4. PACKAGE SPECIFICATION: PK-105300-100.
5. THE COMPONENT COMPLIANT TO RoHS DIRECTIVE 2011/65/EU AND ELV DIRECTIVE 2000/53/EC.
6. PRODUCT APPLY TO RECEPTACLE HOUSING OF 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.

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/25 00:11:22

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DATE: 2021/05/01

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DIMENSION UNITS	SCALE
mm	10:1

GENERAL TOLERANCES (UNLESS SPECIFIED)	
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

CURRENT REV DESC:

EC NO: 749038
DRWN: GLLI 2023/05/10
CHK'D: XQZHANG 2023/05/25
APPR: XQZHANG 2023/05/25

INITIAL REVISION:
DRWN: GLLI 2015/03/18
APPR: AYIN 2015/04/08

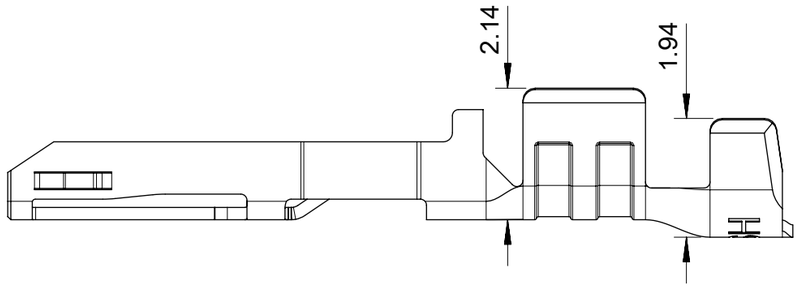
molex

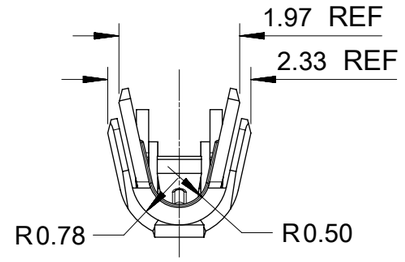
CRIMP TERMINAL OF NANO-FIT, GOLD PLATING POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

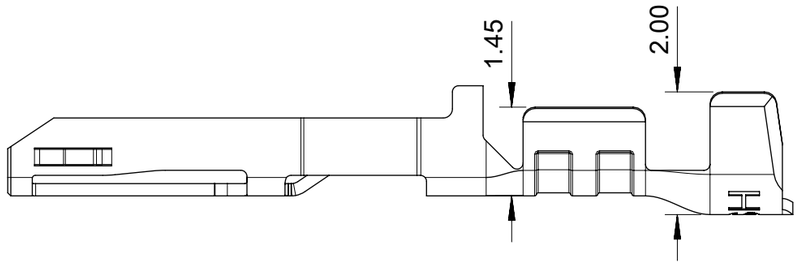
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-105300-100	PSD	000	G4

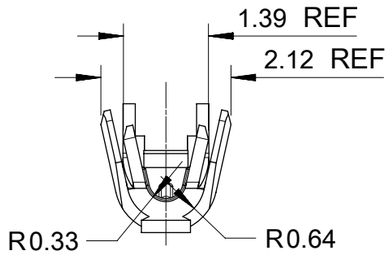
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	105300		GENERAL MARKET	1 OF 3





ONLY FOR WIRE OF AWG 20/22





ONLY FOR WIRE OF AWG 24/26

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DIMENSION UNITS	SCALE
mm	10:1

GENERAL TOLERANCES (UNLESS SPECIFIED)	
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

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CRIMP TERMINAL OF NANO-FIT, GOLD PLATING POWER CONNECTOR

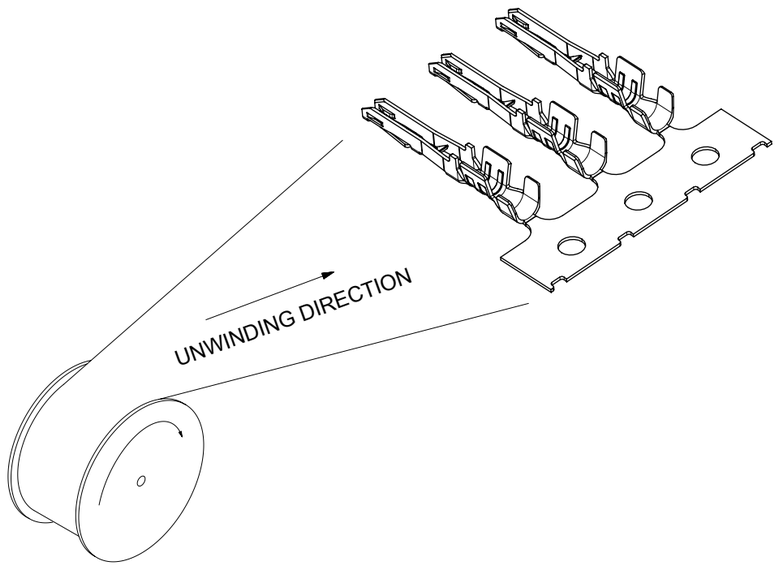
PRODUCT CUSTOMER DRAWING

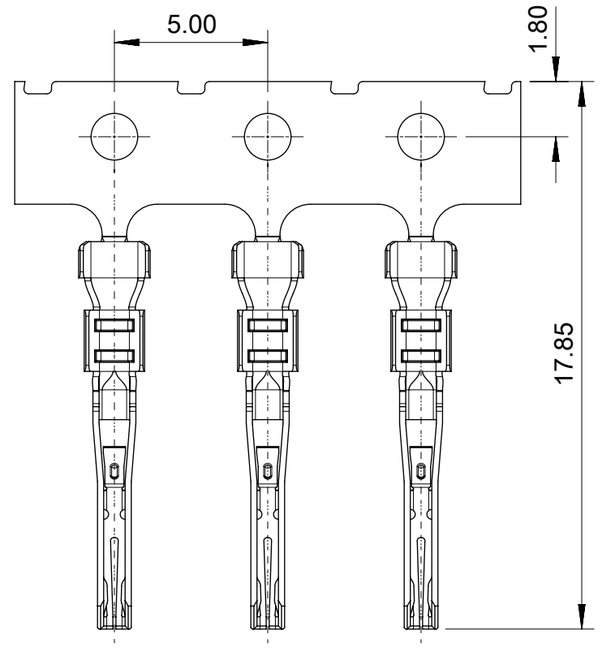
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-105300-100	PSD	000	G4

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	105300		GENERAL MARKET	2 OF 3

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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	mm
SCALE	5:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
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	

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APPR: XQZHANG 2023/05/25

INITIAL REVISION:
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CRIMP TERMINAL OF NANO-FIT, GOLD PLATING POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-105300-100	PSD	000	G4

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	105300		GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/25 00:11:22

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