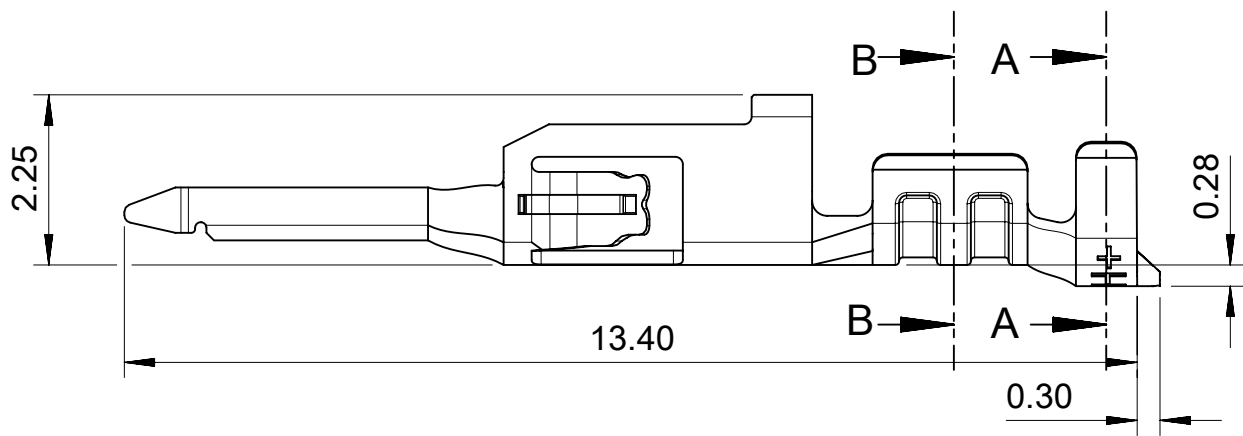
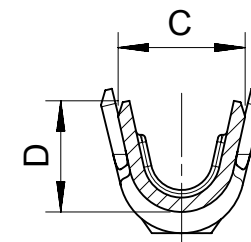
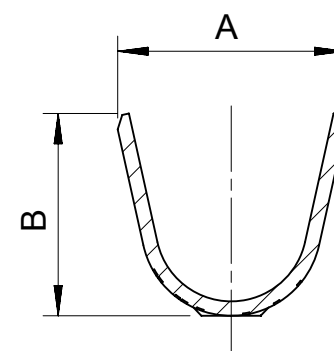
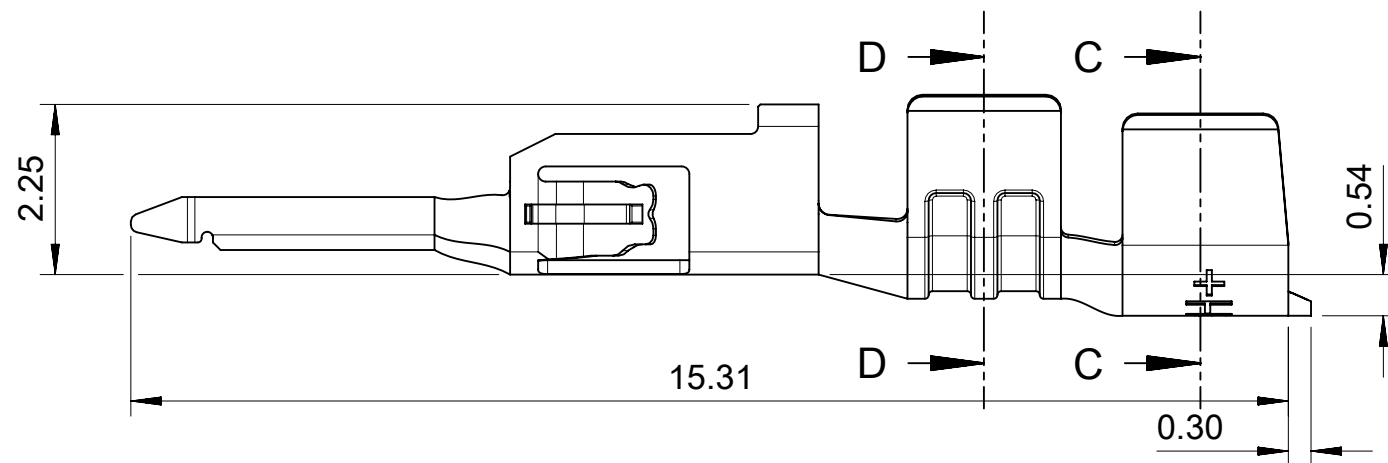


SECTION A-A

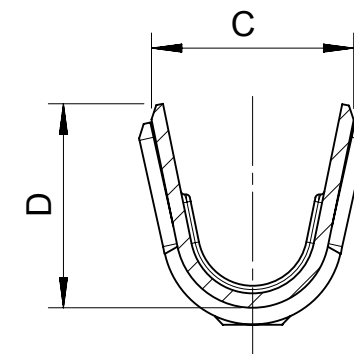


SECTION B-B

OLNY FOR AWG 18~30



SECTION C-C

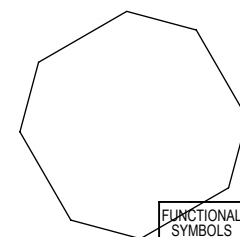


SECTION D-D

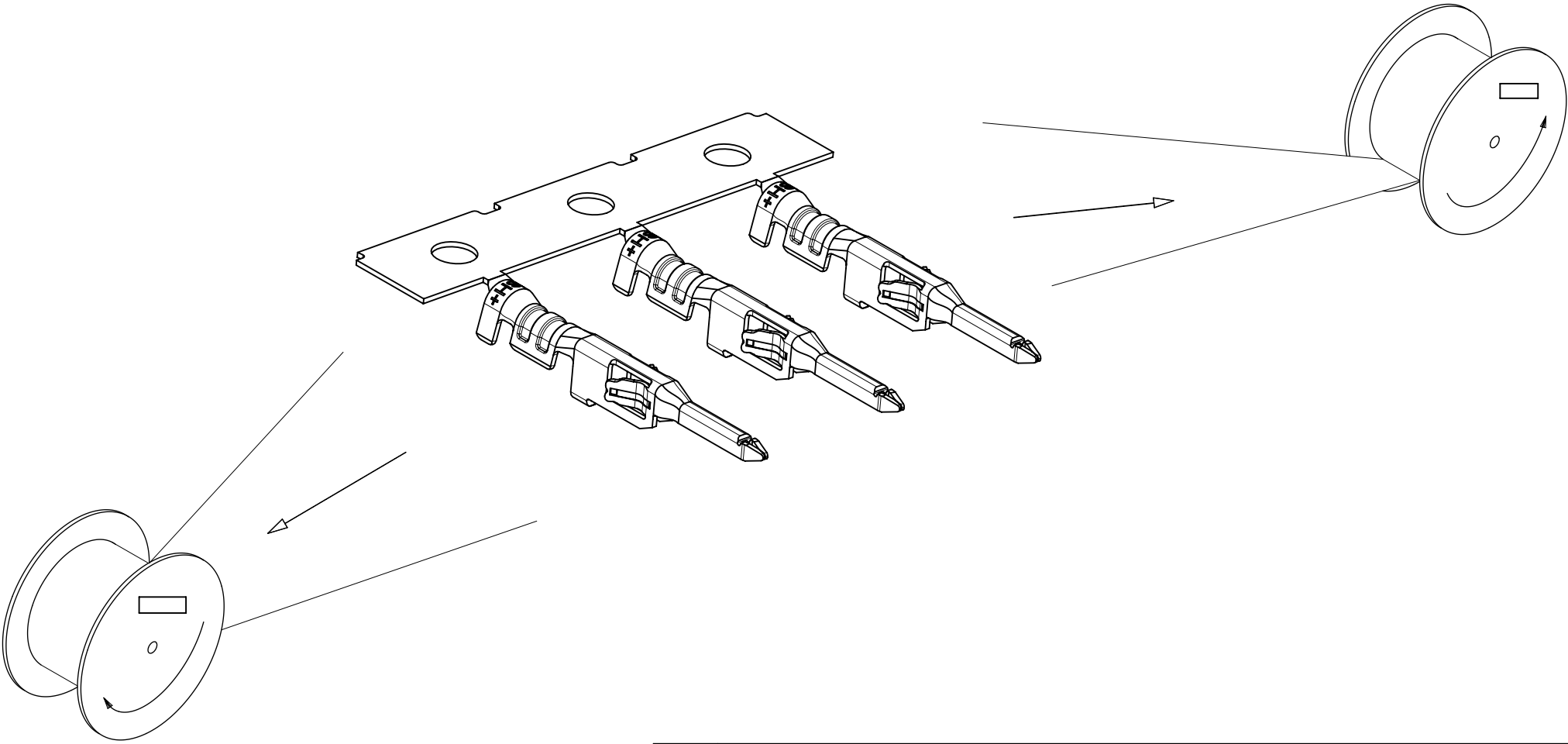
OLNY FOR AWG 16

NOTES:

1. MATERIAL: HIGH CONDUCTIVITY COPPER ALLOY.
2. PLATING FINISH SEE CHART IN SHEET 3.
3. PRODUCT SPECIFICATION: 2159530000-PS.
4. PACKAGE SPECIFICATION: 2159530000-PK.
5. PLATING SPEC SEE CHART IN SHEET 3.
7. THIS PART TO BE USED WITH MOLEX PLUG 215922-****
8. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

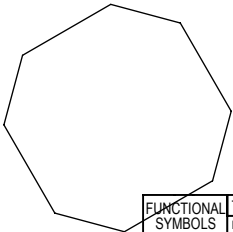


FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex	
DIMENSION UNITS		SCALE		GENERAL TOLERANCES (UNLESS SPECIFIED)		SALES DRAWING OF PLUG TERMINAL	
ANGULAR TOL		± °		4 PLACES ±		EC NO: 683725	
3 PLACES ± 0.1		2 PLACES ± 0.2		1 PLACE ± 0.3		0 PLACES ±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES	
215953		A3-SIZE		215953		2159530000-SD	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		1 OF 2	
GENERAL MARKET		PSD		000		A	



PLATING	
A	REFLOW MATTE TIN OVER ALL(1.5 MICRONS MINIMUM BEFORE REFLOW), UNDER NICKEL PLATING 1.25~2.5 MICRONS MINIMUM OVERALL.
B	GOLD PLATING 0.38 MICRONS MINIMUM ON CONTACT AREA, MATTE TIN PLATING 2.5 MICRONS MINIMUM ON CRIMP AREA, UNDER NICKEL PLATING 1.25~2.5 MICRONS MINIMUM OVERALL.
C	GOLD PLATING 0.76 MICRONS MINIMUM ON CONTACT AREA, MATTE TIN PLATING 2.5 MICRONS MINIMUM ON CRIMP AREA, UNDER NICKEL PLATING 1.25~2.5 MICRONS MINIMUM OVERALL.

PART NUMBER	PLATING	WIRE SIZE	LUBE	DIMENSION			
				A	B	C	D
215953-0011	A	26-30 AWG	YES	2.10	1.91	1.65	1.47
215953-0021	A	20-24 AWG	YES	2.51	2.31	2.08	1.91
215953-0031	A	18 AWG	YES	2.51	2.31	2.39	2.18
215953-0041	A	16 AWG	YES	2.97	2.67	2.70	2.70
215953-0012	B	26-30 AWG	NO	2.10	1.91	1.65	1.47
215953-0022	B	20-24 AWG	NO	2.51	2.31	2.08	1.91
215953-0032	B	18 AWG	NO	2.51	2.31	2.39	2.18
215953-0042	B	16 AWG	NO	2.97	2.67	2.70	2.70
215953-0013	C	26-30 AWG	NO	2.10	1.91	1.65	1.47
215953-0023	C	20-24 AWG	NO	2.51	2.31	2.08	1.91
215953-0033	C	18 AWG	NO	2.51	2.31	2.39	2.18
215953-0043	C	16 AWG	NO	2.97	2.67	2.70	2.70
RELEASE STATUS	P1	RELEASE DATE	2021/11/15	00:11:13			



FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 683725 DRWN: GLLI 2021/10/27 CHK'D: XQZHANG 2021/11/15 APPR: XQZHANG 2021/11/15 INITIAL REVISION: DRWN: GLLI 2021/02/01 APPR: XQZHANG 2021/11/15									
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± °														
DIVISIONAL SYMBOLS	0	4 PLACES		±		SALES DRAWING OF PLUG TERMINAL									
		3 PLACES		± 0.1											
		2 PLACES		± 0.2											
		1 PLACE		± 0.3											
		0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				A3-SIZE		215953		2159530000-SD		PSD		000		A	
								MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										GENERAL MARKET				2 OF 2	