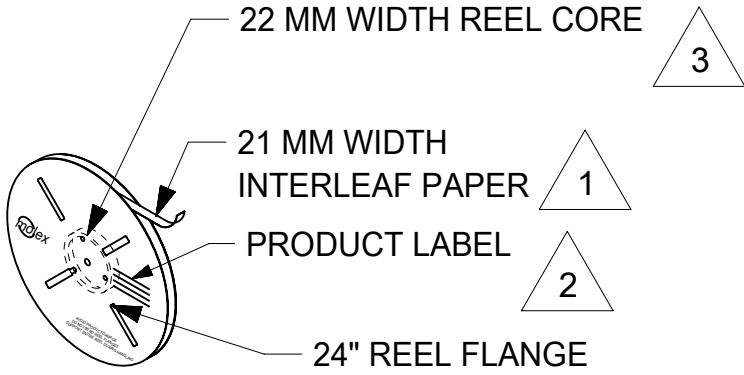


REELS PER CARTON	PACKAGING STYLE	PACKAGING MATRIAL NUMBER △ 5
4	REEL CARTON	885961370

REEL COMPONENT	PACKAGING MATERIAL NUMBER △ 5	QUANTITY
REEL CORE △ 3	30907-6481	1
REEL FLANGE	085-06-5024	2
INTERLEAF PAPER	885961467	SEE NOTE 1

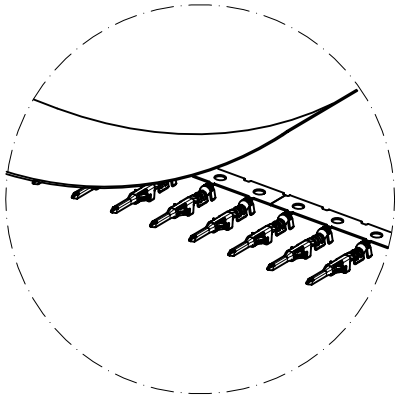
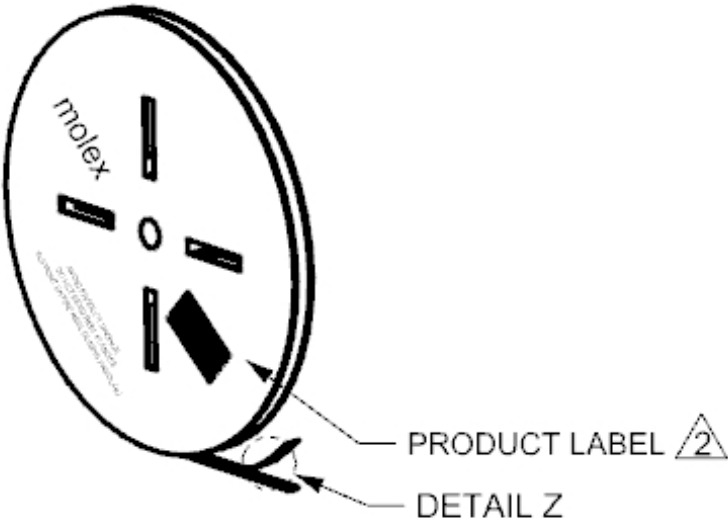


REEL ASSEMBLY

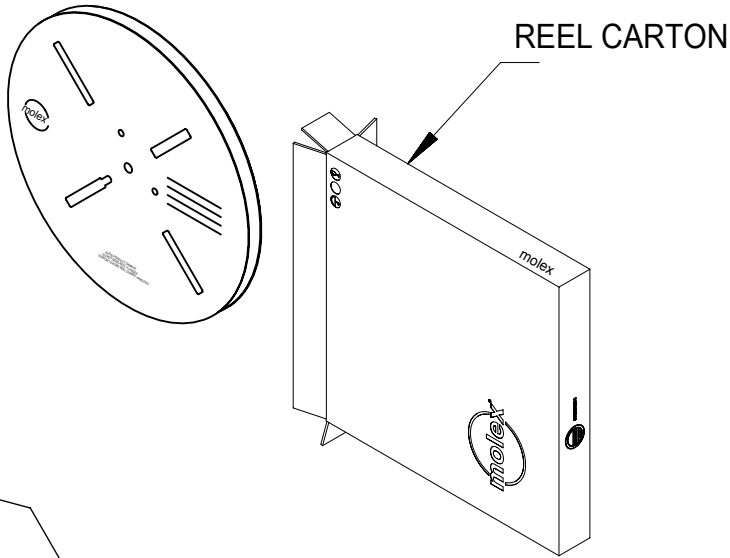
ALL DIMENSION REFERENCE

MATERIAL NUMBER	TERMINALS PER REEL	SPQ
2159530011	12000	48000
2159530021	12000	48000
2159530031	12000	48000
2159530041	10000	40000
2159530012	12000	48000
2159530022	12000	48000
2159530032	12000	48000
2159530042	10000	40000
2159530013	12000	48000
2159530023	12000	48000
2159530033	12000	48000
2159530043	10000	40000

TERMINALS SHOWN WITH
BARREL/CRIMPS FACING DOWN

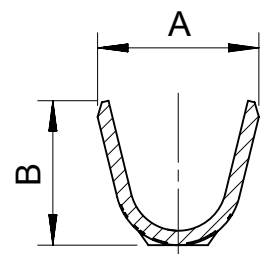
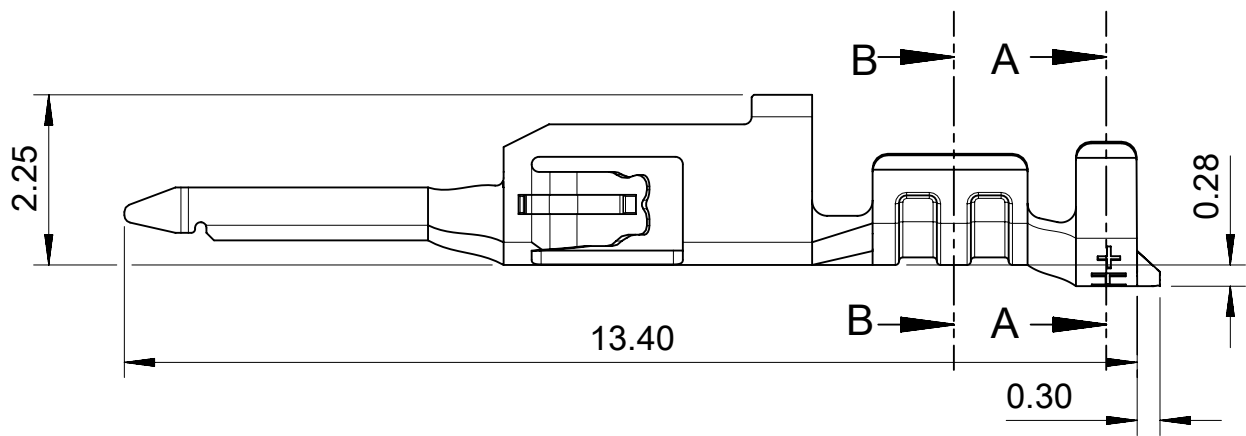


DETAIL Z
TERMINAL ORIENTATION

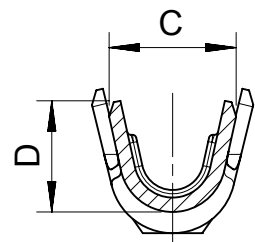


- NOTES:
- INTERLEAF PAPER SHOULD BE USED FOR THE ENTIRE REEL. (REF. ES-40000-7005)
 - PRODUCT LABEL TO BE ATTACHED AT THIS APPROXIMATE LOCATION. (REF. ES-40000-7012)
 - REEL CORE IS CUT TO WIDTH AS INDICATED.
 - REELS ARE SHIPPED IN PACKAGING THAT MATCHES PRESCRIBED ORDER QUANTITIES.
 - PREFERRED PACKAGING COMPONENT MATERIAL NUMBERS.
ENGINEERING APPROVED EQUIVALENTS MAY BE SUBSTITUTED AS REQUIRED.

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FE = 0 DIVISIONAL 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 PACKING DRAWING OF MICRO-FIT WTW TML			
	DIMENSION UNITS		SCALE	EC NO: 683725				
	mm		1:1	DRWN: GLLI 2021/10/28				
	GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		3 PLACES		CHK'D: XQZHANG 2021/11/15	
	4 PLACES		±		0		APPR: XQZHANG 2021/11/15	
	3 PLACES		±		0.1		INITIAL REVISION:	
	2 PLACES		±		0.3		DRWN: GLLI 2021/10/28	
1 PLACE		±		0.5		APPR: XQZHANG 2021/11/15		
0 PLACES		±		0		THIRD ANGLE PROJECTION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING		SERIES		MATERIAL NUMBER		
		A3-SIZE		215953		CUSTOMER		
						SHEET NUMBER		
						1 OF 1		

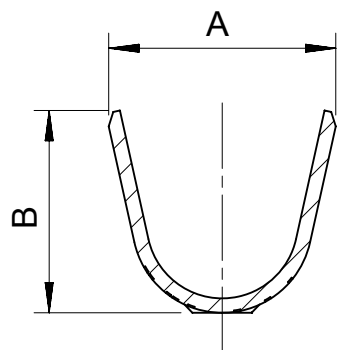
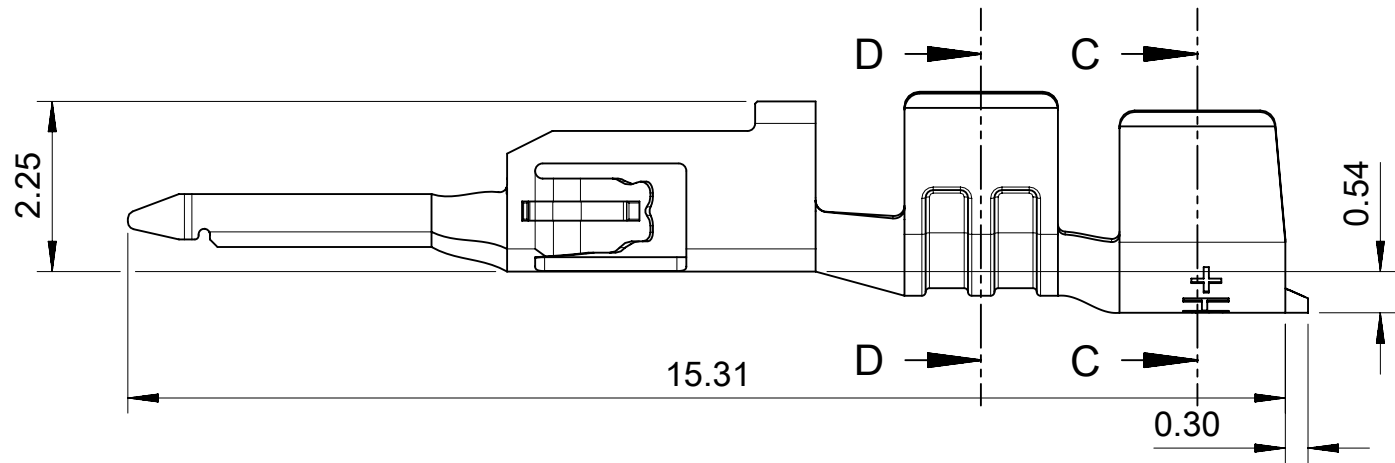


SECTION A-A

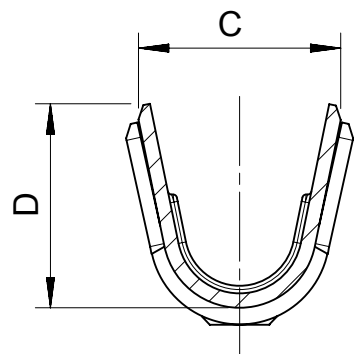


SECTION B-B

OLNY FOR AWG 18~30



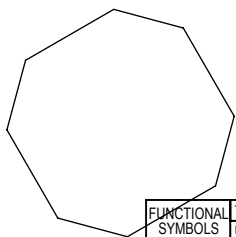
SECTION C-C



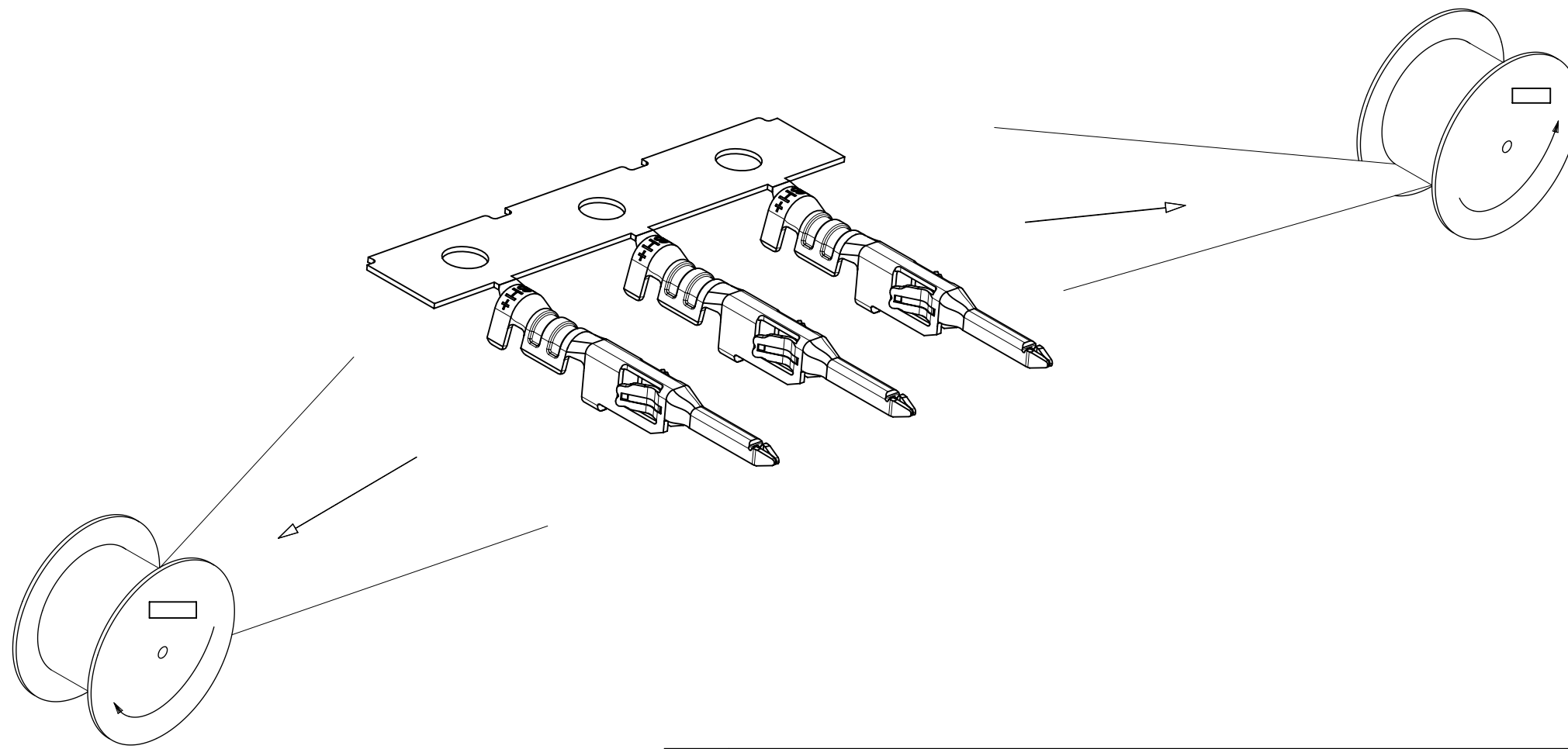
SECTION D-D

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	
$\nabla_A = 0$		mm		1:1		SALES DRAWING OF PLUG TERMINAL	
$\nabla_F = 0$		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 683725		2021/10/27	
$\nabla_P = 0$		ANGULAR TOL ± °		DRWN: GLLI		2021/11/15	
DIVISIONAL SYMBOLS		4 PLACES ±		CHK'D: XQZHANG		2021/11/15	
		3 PLACES ± 0.1		APPR: XQZHANG		INITIAL REVISION:	
		2 PLACES ± 0.2				DRWN: GLLI	
		1 PLACE ± 0.3				2021/02/01	
		0 PLACES ±				APPR: XQZHANG	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	
						SERIES	
						MATERIAL NUMBER	
						CUSTOMER	
						SHEET NUMBER	
						A3-SIZE	
						215953	
						DOCUMENT NUMBER	
						2159530000-SD	
						DOC TYPE	
						PSD	
						DOC PART	
						000	
						REVISION	
						A	
						GENERAL MARKET	
						1 OF 2	



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											
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex				
	mm		1:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 683725 DRWN: GLLI 2021/10/27 CHK'D: XQZHANG 2021/11/15 APPR: XQZHANG 2021/11/15			SALES DRAWING OF PLUG TERMINAL				
	ANGULAR TOL ± °											
	4 PLACES		±		PRODUCT CUSTOMER DRAWING							
	3 PLACES		± 0.1									
	2 PLACES		± 0.2		DOCUMENT NUMBER 2159530000-SD			DOC TYPE	DOC PART	REVISION		
	1 PLACE		± 0.3					PSD	000	A		
	0 PLACES		±		INITIAL REVISION: DRWN: GLLI 2021/02/01 APPR: XQZHANG 2021/11/15	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	GENERAL MARKET		2 OF 2	
							A3-SIZE	215953				