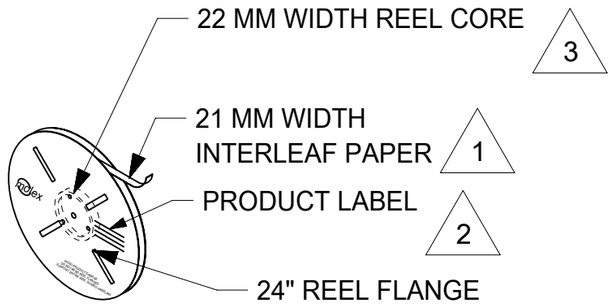
REELS PER CARTON	PACKAGING STYLE	PACKAGING MATRIAL NUMBER △5
4	REEL CARTON	885961370

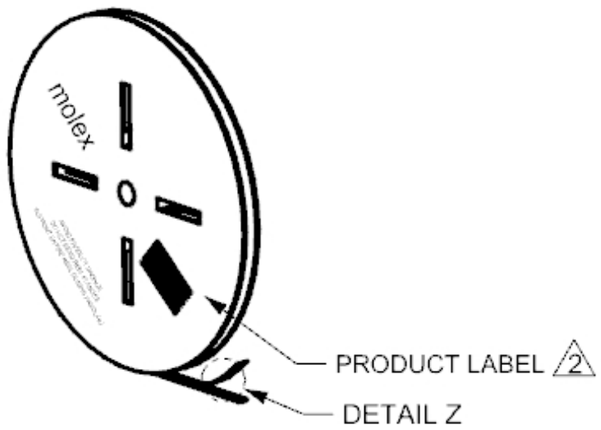
REEL COMPONENT	PACKAGING MATERIAL NUMBER △5	QUANTITY
REEL CORE △3	30907-6481	1
REEL FLANGE	085-06-5024	2
INTERLEAF PAPER	885961467	SEE NOTE 1



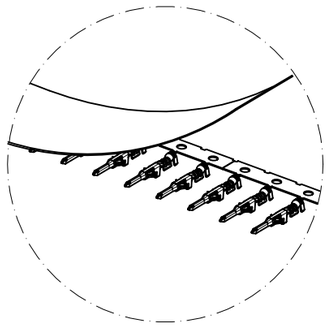
REEL ASSEMBLY

ALL DIMENSION REFERENCE

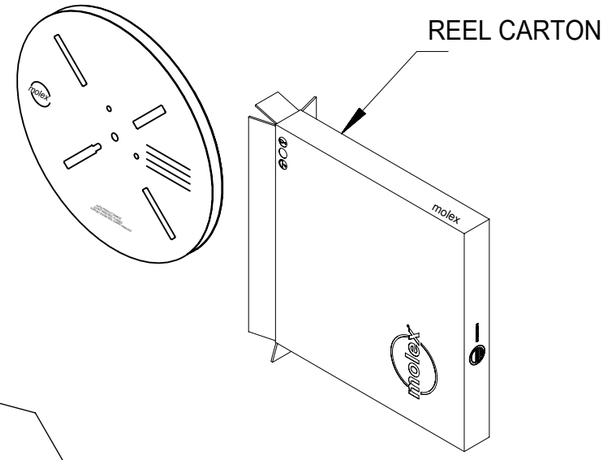
MATERIAL NUMBER	TERMINALS PER REEL	SPQ
2159530011	12000	48000
2159530021	12000	48000
2159530031	12000	48000
2159530041	10000	40000
2159530012	12000	48000
2159530022	12000	48000
2159530032	12000	48000
2159530042	10000	40000
2159530013	12000	48000
2159530023	12000	48000
2159530033	12000	48000
2159530043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



TERMINALS SHOWN WITH
BARREL/CRIMPS FACING DOWN



DETAIL Z
TERMINAL ORIENTATION



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

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FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm; SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	0.1
2 PLACES	±	0.3
1 PLACE	±	0.5
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 683725
DRWN: GLLI 2021/10/28
CHK'D: XQZHANG 2021/11/15
APPR: XQZHANG 2021/11/15

INITIAL REVISION:
DRWN: GLLI 2021/10/28
APPR: XQZHANG 2021/11/15

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 215953

molex

PACKING DRAWING OF MICRO-FIT WTW TML

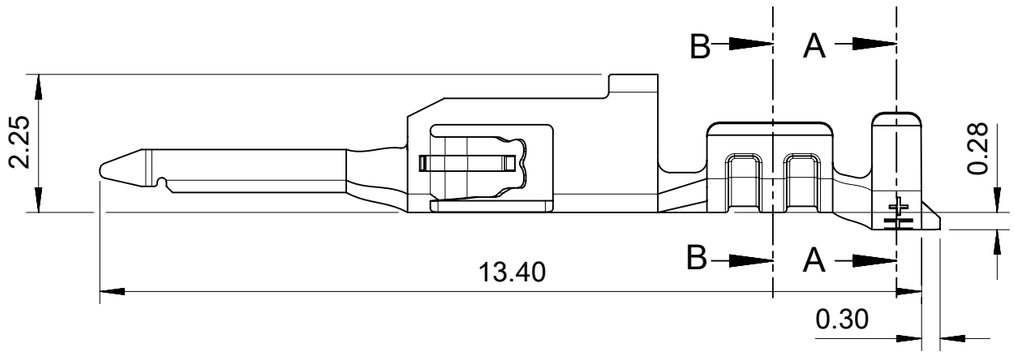
PRODUCT CUSTOMER DRAWING

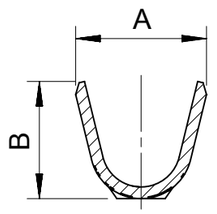
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159530000-PK	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		1 OF 1

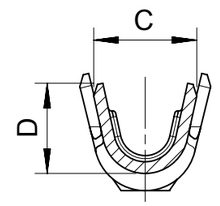
RELEASE STATUS	P1	RELEASE DATE	2021/11/15 00:11:13

FORMAT: master_drw-A3
REVISION: J1
DATE: 2021/05/06



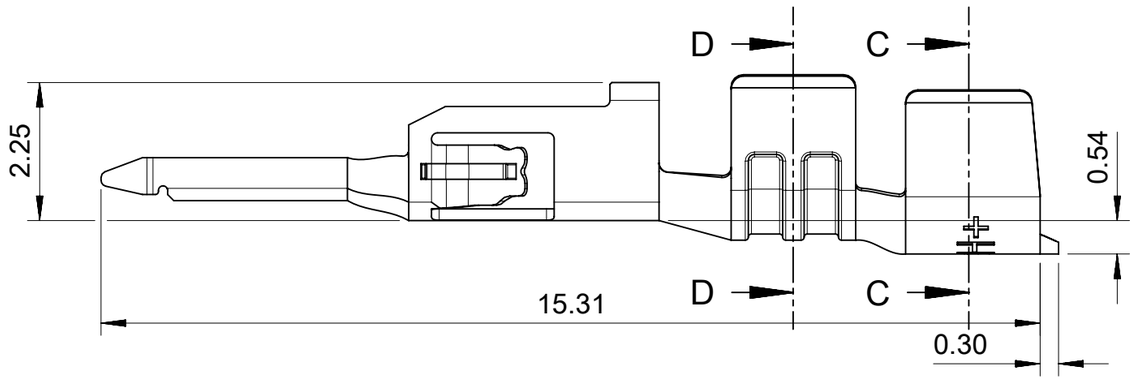


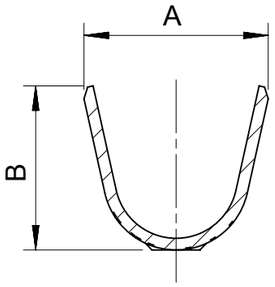
SECTION A-A



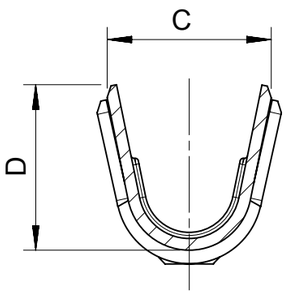
SECTION B-B

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.

RELEASE STATUS	P1	RELEASE DATE	2021/11/15 00:11:13

FORMAT: master_sheet-A3
REVISION: J
DATE: 2020/01/14

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0
DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	0.1
2 PLACES	±	0.2
1 PLACE	±	0.3
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 215953

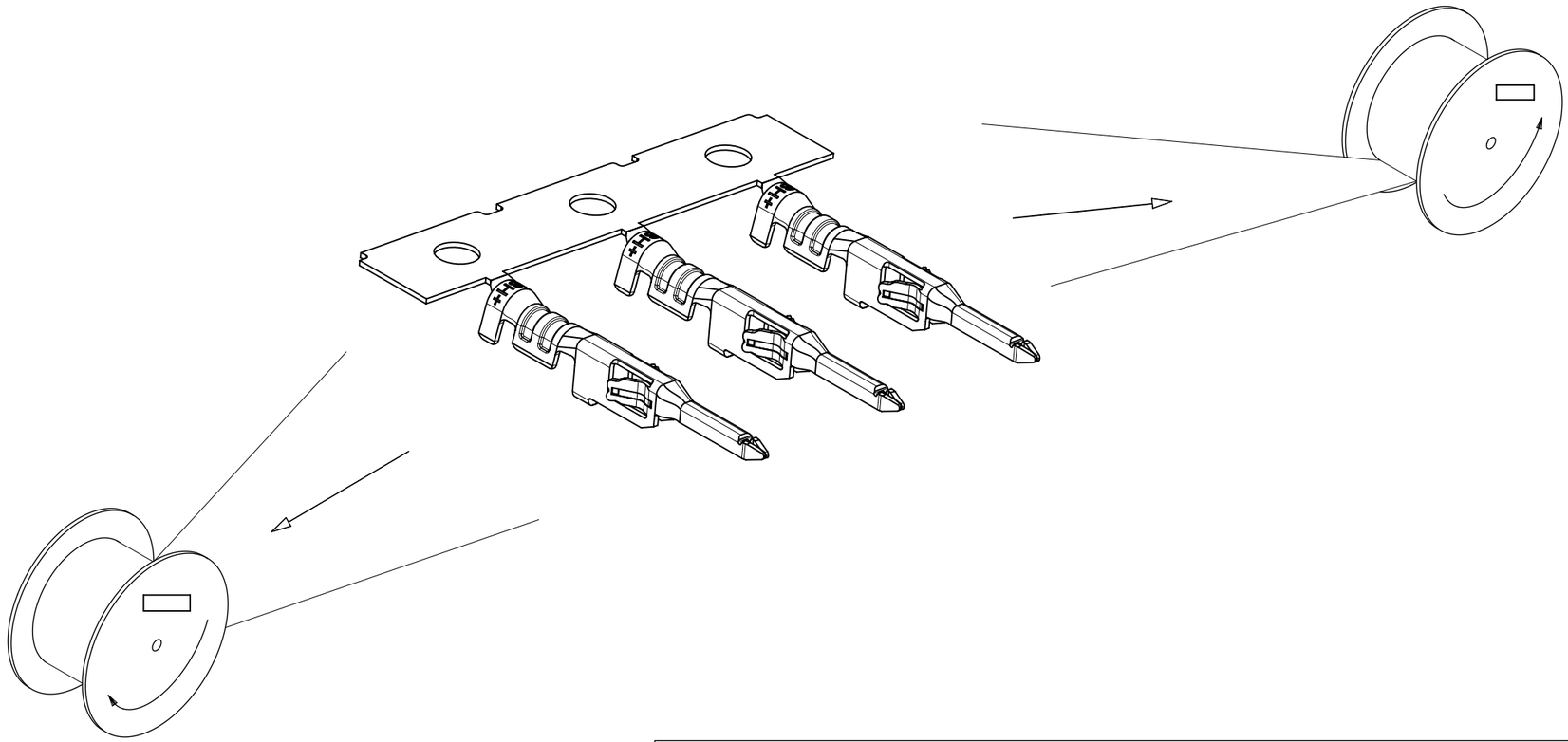
molex

SALES DRAWING OF PLUG TERMINAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159530000-SD	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	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
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	± 0.1
2 PLACES	± 0.2
1 PLACE	± 0.3
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 683725
DRWN: GLLI 2021/10/27
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INITIAL REVISION:
DRWN: GLLI 2021/02/01
APPR: XQZHANG 2021/11/15

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 215953

molex

SALES DRAWING OF PLUG TERMINAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159530000-SD	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 2

FORMAT: master-Sheet-A3
REVISION: J
DATE: 2020/01/14