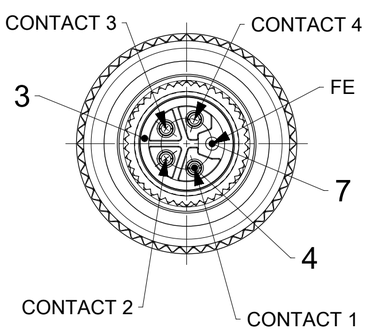
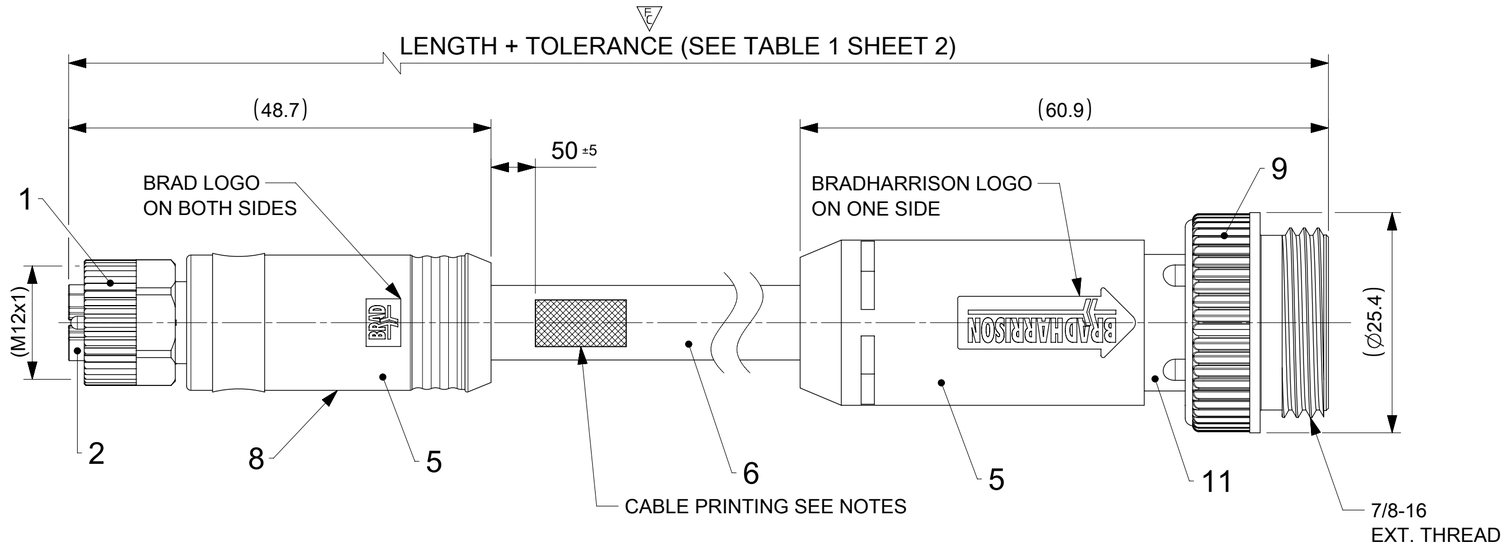
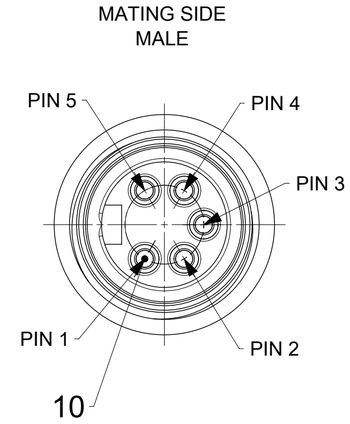
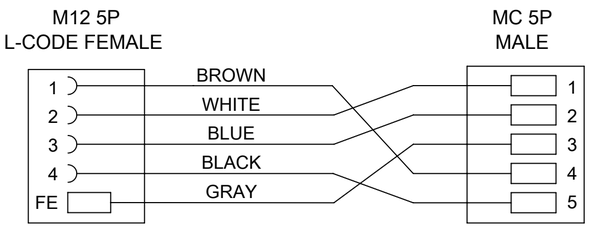






WIRING DIAGRAM

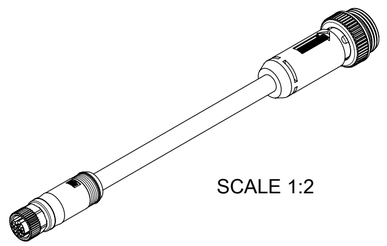


BOM

	ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
	1	1	NUT M12 FE HEX	BRASS	Ni
	2	1	INSERT M12 FE 5P LC	PA	GREY
	3	1	GASKET OR 8.2x1.25	FKM	BLACK
	4	4	CONTACT 15 FE	BRASS	Au
	5	-	OVERMOLD	TPE	BLACK
	6	1	CABLE 5XAWG16 WSOR STYLE 21215 D8.60 UNSH	PUR	GREY
	7	1	CONTACT 15 MA	BRASS	Au
	8	-	BONDING AGENT	EPOXY RESIN	-
	9	1	COUPLING NUT A-SIZE EXT MALE	ZINC	BLACK
	10	5	PIN CONTACT 16 AWG	COPPER ALLOY	Au
	11	1	MC 5P MALE INSERT	TPC	BLACK
OPTIONAL	12	-	I/D CARRIER10-14x23 205/23		

NOTES:

RATED VOLTAGE: 63 V AC/DC
RATED CURRENT: Max. 10 A at 40°C
IP RATING: IP67 (mated and locked condition)
TEMPERATURE RANGE: -25°C TO +85°C
PENDING: UL Listed to UL2238 E152210
CABLE PRINTING: (sequence as shown below):
- MOLEX engineering no. (e.g. L1P5030B65M020)
- MOLEX material no. (e.g. 1205050100)
- MOLEX MAX. 63 V AC/DC MAX. 10 A
- MOLEX AND DATE OF MANUFACTURING (YY=YEAR; WW=WEEK): MXYYWW
- Not for current interrupting



SCALE 1:2

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

FUNCTIONAL SYMBOLS: EA = 0; EC = 1; EP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm | SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.05
1 PLACE	± 0.3
0 PLACES	± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: WIRING CHANGED

EC NO: 756830
DRWN: RSCHIEBER 2023/07/17
CHK'D: RSILLER 2023/07/17
APPR: RSILLER 2023/07/17

INITIAL REVISION:
DRWN: RSCHIEBER 2022/04/22
APPR: RSILLER 2022/12/05

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 120505 | MATERIAL NUMBER: SEE TABLE 1 | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 2

molex

CSE LC 5P FE STR MC 5P MA STR XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1205050100	PSD	000	A3

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/17 13:45:03

FORMAT: master-lib-prod-A2
REVISION: 21
DATE: 2021/05/01

ENGINEERING NO - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

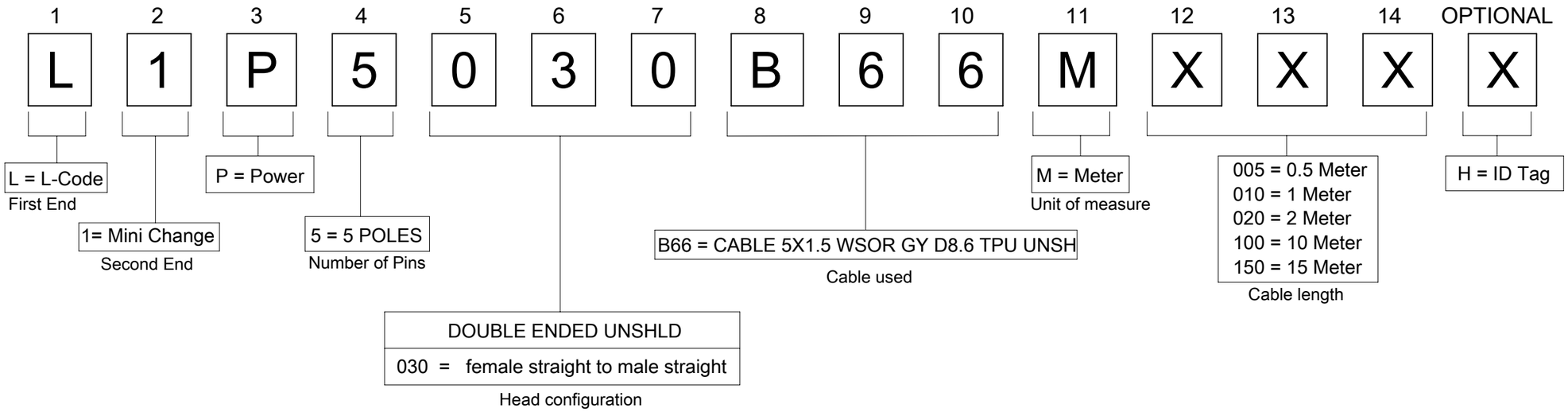


TABLE 1

NOMINAL SECTION 1,5mm²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205050100	L1P5030B66M020	2000	+60
1205050101	L1P5030B66M050	5000	+60
1205050102	L1P5030B66M100	10000	+80
1205050103	L1P5030B66M150	15000	+140
1205050104	L1P5030B66M200	20000	+140
1205050110	L1P5030B66M003	300	+40

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/17 13:45:03

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.05
1 PLACE	± 0.3
0 PLACES	± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: WIRING CHANGED

EC NO: 756830
DRWN: RSCHIEBER 2023/07/17
CHK'D: RSILLER 2023/07/17
APPR: RSILLER 2023/07/17

INITIAL REVISION:
DRWN: RSCHIEBER 2022/04/22
APPR: RSILLER 2022/12/05

molex

CSE LC 5P FE STR MC 5P MA STR XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1205050100	PSD	000	A3

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	120505	SEE TABLE 1	GENERAL MARKET	2 OF 2

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

502584-1060 528520870 347928042 0477256010 197134001 347072012 348242245 502584-0870 528061110 528523070 0351510214 194270031 194290039 351820290 464373005 5023860371 502585-0370 34708-2028 349672001 459850483 0194360214 0464363133 347910140 348268126 357470310 503988100 194290026 197054301 355240920 502380-0800