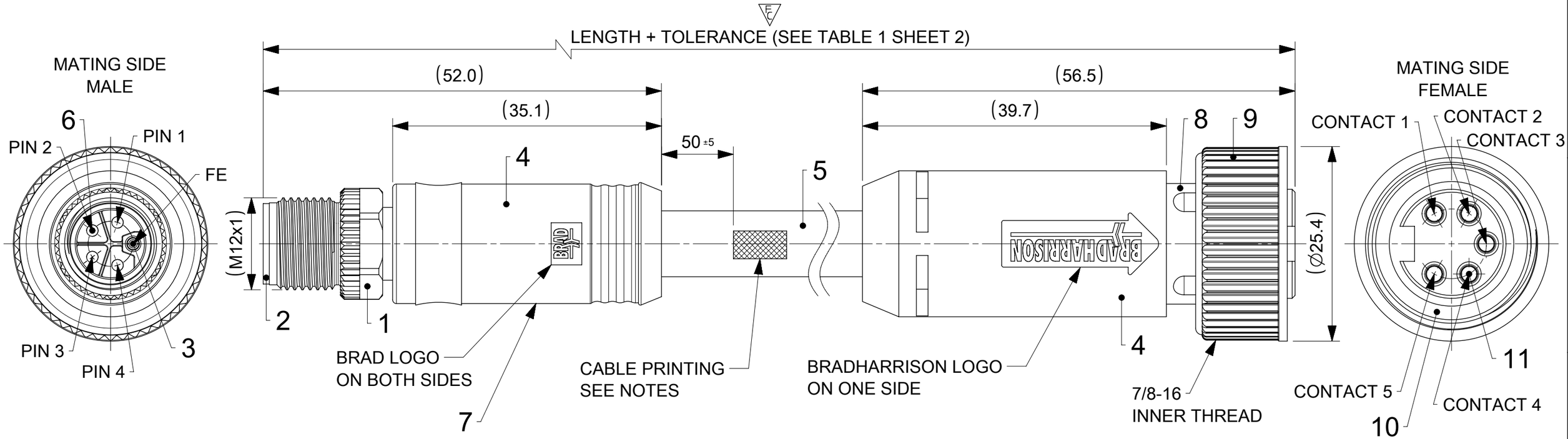
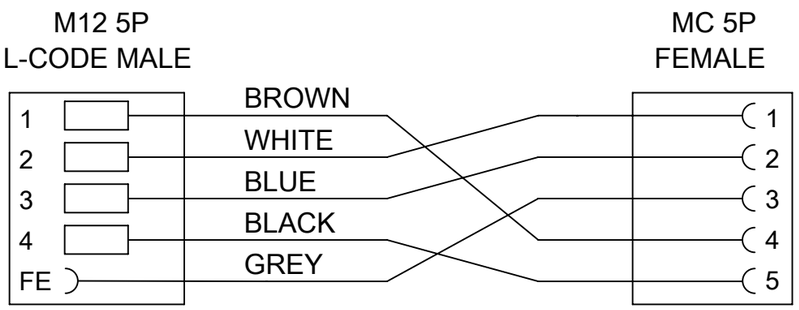
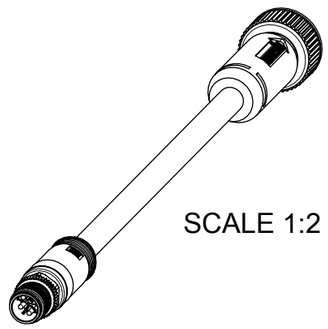


WIRING DIAGRAM





SCALE 1:2

BOM

	ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
	1	1	NUT M12 MA KNU/HEX	BRASS	Ni
	2	1	INSERT M12 MA 5P LC	PA	GREY
	3	1	CONTACT 15 FE	BRASS	Au
	4	-	OVERMOLD	TPE	BLACK
	5	1	CABLE 5XAWG16 WSOR STYLE 21215 D8.60 UNSH	PUR	GREY
	6	4	CONTACT 15 MA	BRASS	Au
	7	-	BONDING AGENT	EPOXY RESIN	-
	8	1	MC 5P FEMALE INSERT	TPC	BLACK
	9	1	MC COUPLING NUT A-SIZE	ZINC	BLACK
	10	1	FRICTION RING - A SIZE	NYLON	NATURAL
	11	5	MC SOCKET+SLEEVE ASSY, 16 AWG	BRASS / SST	Au/-
OPTIONAL	12	-	I/D CARRIER10-14x23 205/23		

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 = 1
FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	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: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR

EC NO: 735577
DRWN: MARUTD 2023/01/12
CHK'D: RSILLER 2023/01/19
APPR: RSILLER 2023/01/19

INITIAL REVISION:
DRWN: RSCHIEBER 2022/04/28
APPR: RSILLER 2022/12/05

molex

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

PRODUCT CUSTOMER DRAWING

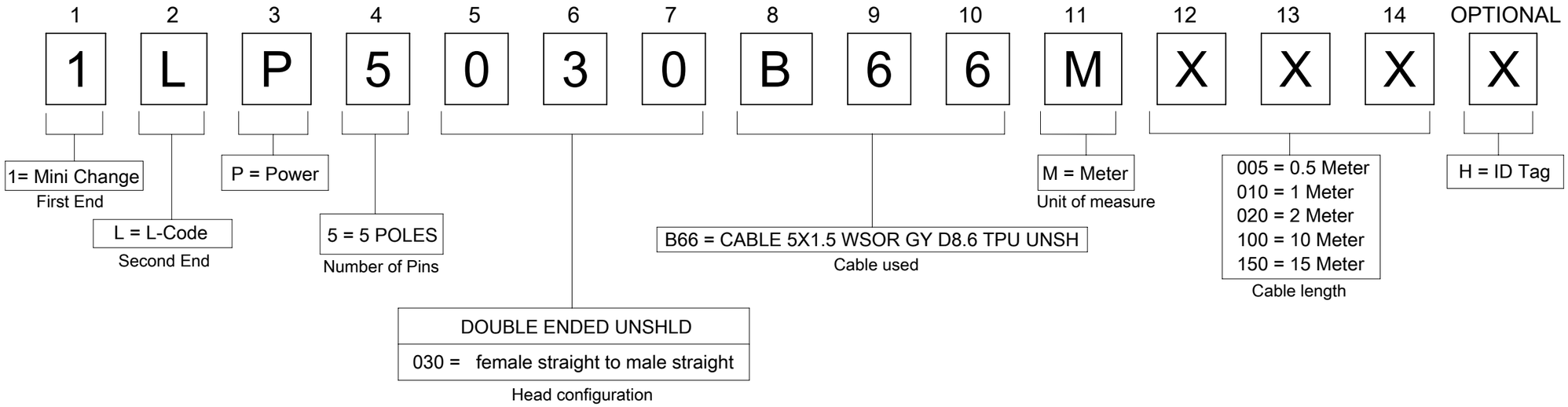
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1205050105	PSD	000	A1

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

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19 11:13:56

FORMAT: B-000A0
REVISION: J1
DATE: 2021/05/05

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



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. 1LP5030B65M020)
- MOLEX material no. (e.g. 1205050105)
- MOLEX MAX. 63 V AC/DC MAX. 10 A
- MOLEX AND DATE OF MANUFACTURING (YY=YEAR; WW=WEEK): MXYYWW
- Not for current interrupting

TABLE 1

NOMINAL SECTION 1,5mm²			
MATERIAL NO.	ENGINEERING NO.	L [mm]	TOLERANCE [mm]
1205050105	1LP5030B66M020	2000	+60
1205050106	1LP5030B66M050	5000	+60
1205050107	1LP5030B66M100	10000	+80
1205050108	1LP5030B66M150	15000	+140
1205050109	1LP5030B66M200	20000	+140

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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: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR

EC NO: 735577
DRWN: MARUTD 2023/01/12
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INITIAL REVISION:
DRWN: RSCHIEBER 2022/04/28
APPR: RSILLER 2022/12/05

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1205050105	PSD	000	A1

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

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/19 11:13:56

FORMAT: master_B_size-A3
REVISION: J1
DATE: 2021/05/05

Unikeyic Electronics

Global Electronic Components Distributor

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