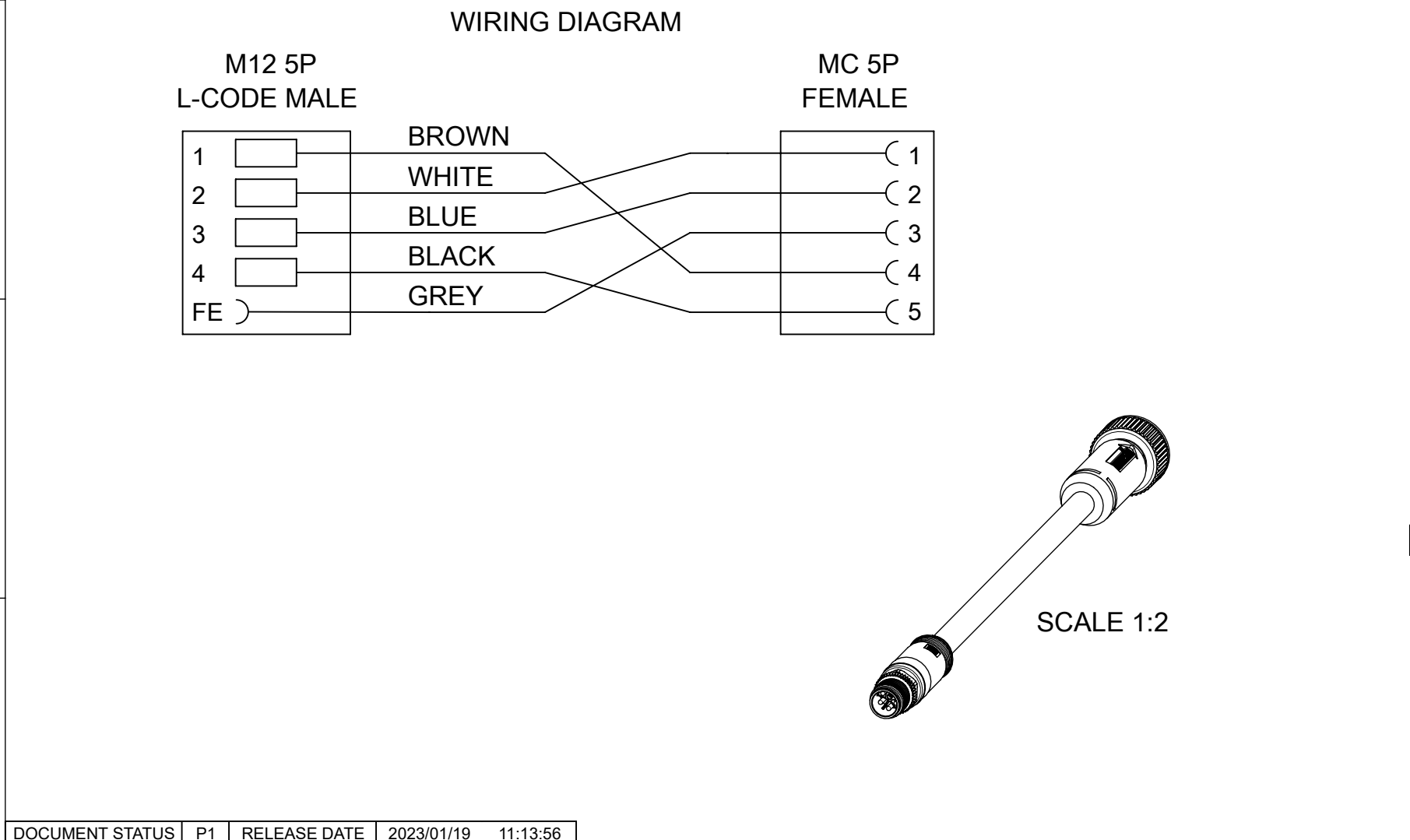
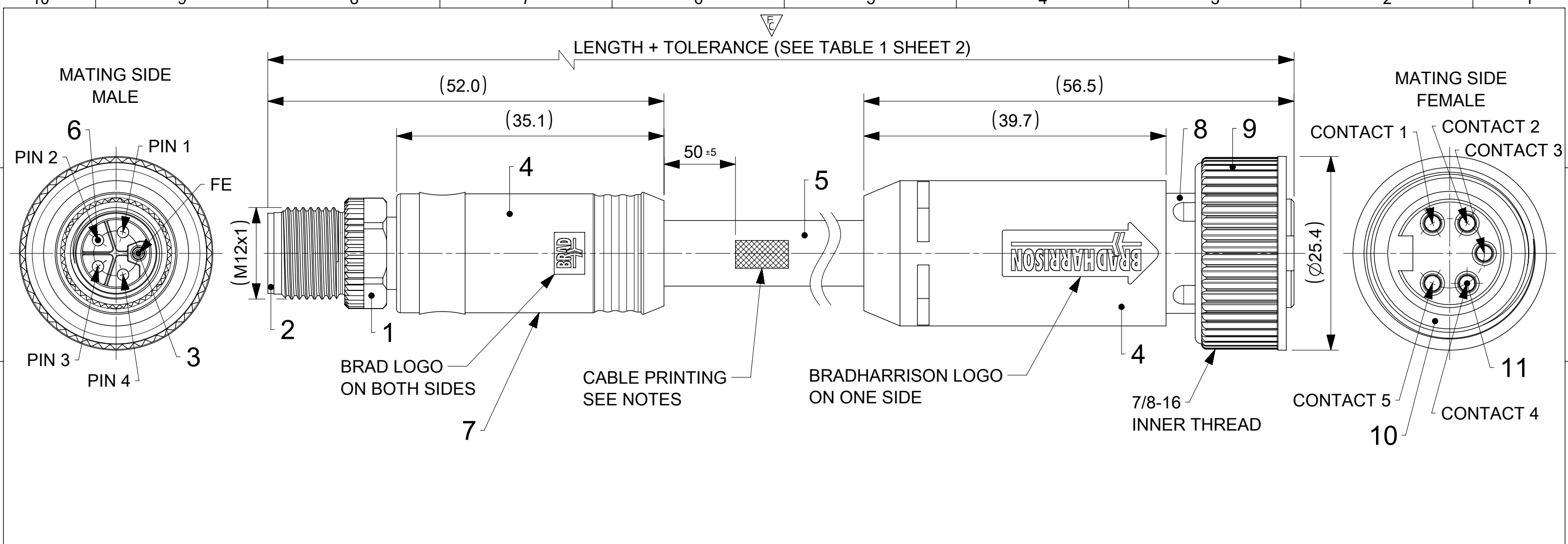
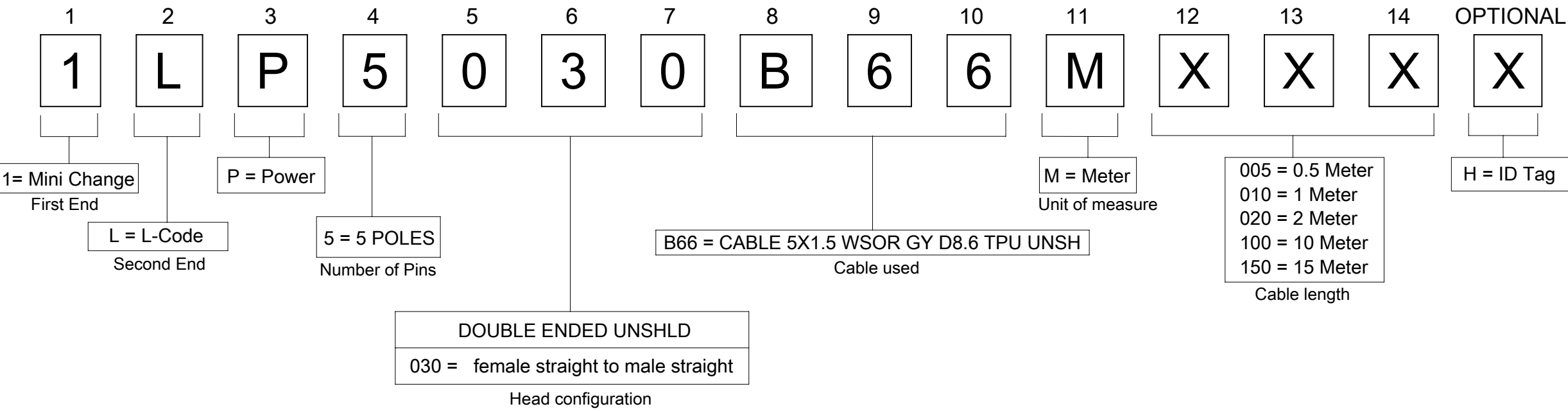




BOM				
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
1	1	NUT M12 MA KNU/HEX	BRASS	Ni
2	1	INSERT M12 MA 5P LC	PA	GREY
3	1	CONTACT 15 FE	BRASS	Au
4	-	OVERMOLD	TPE	BLACK
5	1	CABLE 5XAWG16 WSOR STYLE 21215 D8.60 UNSH	PUR	GREY
6	4	CONTACT 15 MA	BRASS	Au
7	-	BONDING AGENT	EPOXY RESIN	-
8	1	MC 5P FEMALE INSERT	TPC	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	

FUNCTIONAL SYMBOLS FA= 0 FC= 1 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: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR		molex CSE LC 5P MA STR MC 5P FE STR XM PRODUCT CUSTOMER DRAWING												
	DIMENSION UNITS mm	SCALE 2:1	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		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION							
	GENERAL TOLERANCES (UNLESS SPECIFIED)				1205050105											
	ANGULAR TOL ± 1.0 °				PSD											
	4 PLACES ±				000											
	3 PLACES ±				A1											
	2 PLACES ± 0.05		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 120505		MATERIAL NUMBER SEE TABLE 1		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2	
	1 PLACE ± 0.3															
	0 PLACES ± 0.5															

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): MXYWW
 - 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

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
FA = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED ATTRIBUTE TO GENERAL MARKET IN ECTR					molex								
	mm		1:1															
FE = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				CSE LC 5P MA STR MC 5P FE STR XM													
FE = 0	ANGULAR TOL ± 1.0 °																	
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 735577					2023/01/12								
	3 PLACES		±		DRWN: MARUTD													
	2 PLACES		± 0.05		CHK'D: RSILLER													
	1 PLACE		± 0.3		APPR: RSILLER					2023/01/19								
	0 PLACES		± 0.5		INITIAL REVISION:					2022/04/28								
DRWN: RSCHIEBER					2022/12/05													
APPR: RSILLER																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER			DOC TYPE		DOC PART		REVISION	
						A3-SIZE		120505		1205050105			PSD		000		A1	
										MATERIAL NUMBER			CUSTOMER			SHEET NUMBER		
										SEE TABLE 1			GENERAL MARKET			2 OF 2		