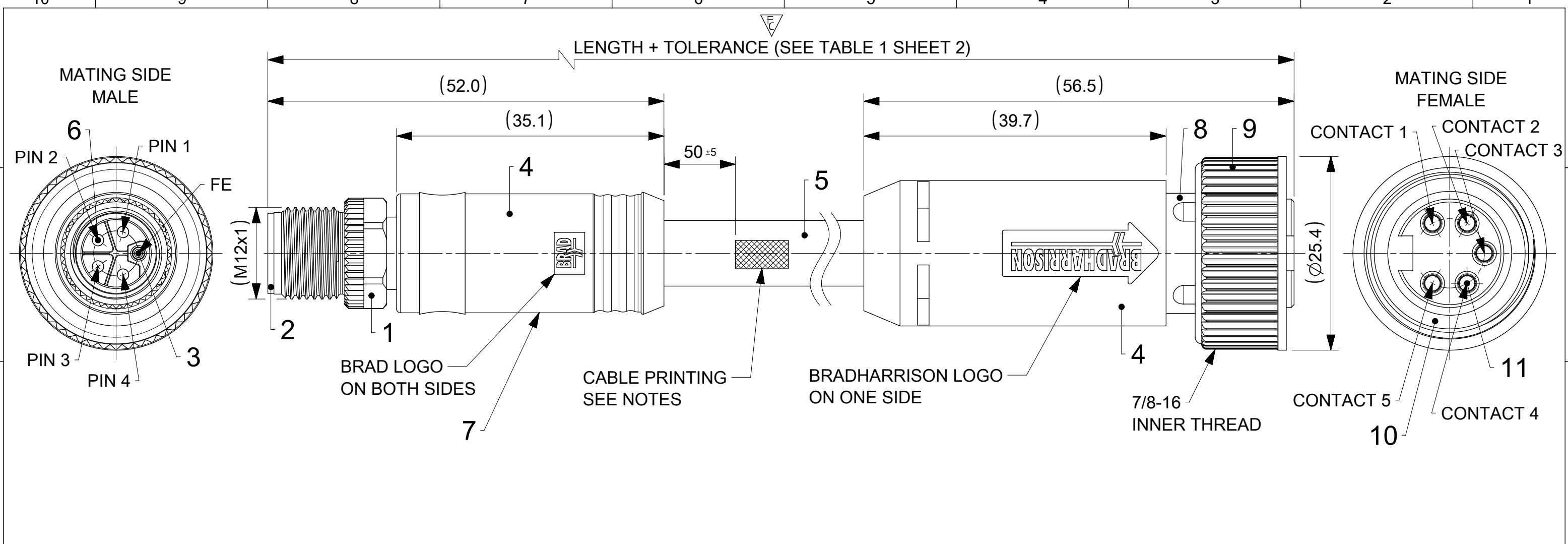


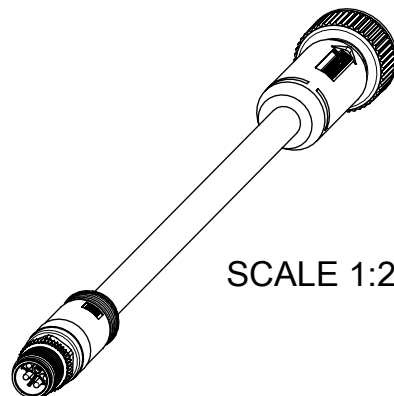


WIRING DIAGRAM				
M12 5P L-CODE MALE		MC 5P FEMALE		
1	BROWN	1		
2	WHITE	2		
3	BLUE	3		
4	BLACK	4		
FE	GREY	5		

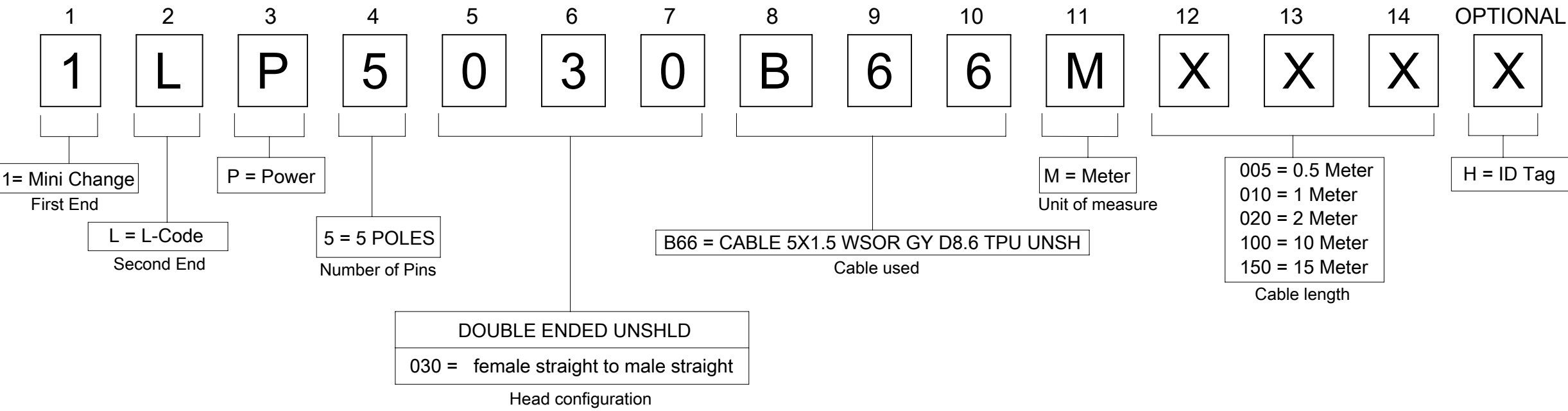
BOM				
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
1	1	NUT M12 MA KNU/HEX	BRASS	Ni
2	1	INSERT M12 MA 5P LC	PA	GREY
3	1	CONTACT 15 FE	BRASS	Au
4	-	OVERMOLD	TPE	BLACK
5	1	CABLE 5XAWG16 WSOR STYLE 21215 D8.60 UNSH	PUR	GREY
6	4	CONTACT 15 MA	BRASS	Au
7	-	BONDING AGENT	EPOXY RESIN	-
8	1	MC 5P FEMALE INSERT	TPC	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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		molex	
	FA = 0	mm 2:1		
	FE = 1	GENERAL TOLERANCES (UNLESS SPECIFIED)		
	FD = 0	ANGULAR TOL ± 1.0 °	CSE LC 5P MA STR MC 5P FE STR XM	
			PRODUCT CUSTOMER DRAWING	
DIVISIONAL SYMBOLS	4 PLACES ±		DOCUMENT NUMBER	
	3 PLACES ±		1205050105	
	2 PLACES ± 0.05		DOC TYPE	DOC PART
	1 PLACE ± 0.3		PSD	000
	0 PLACES ± 0.5		REVISION	A1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SHEET NUMBER
			A3-SIZE	1 OF 2

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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

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