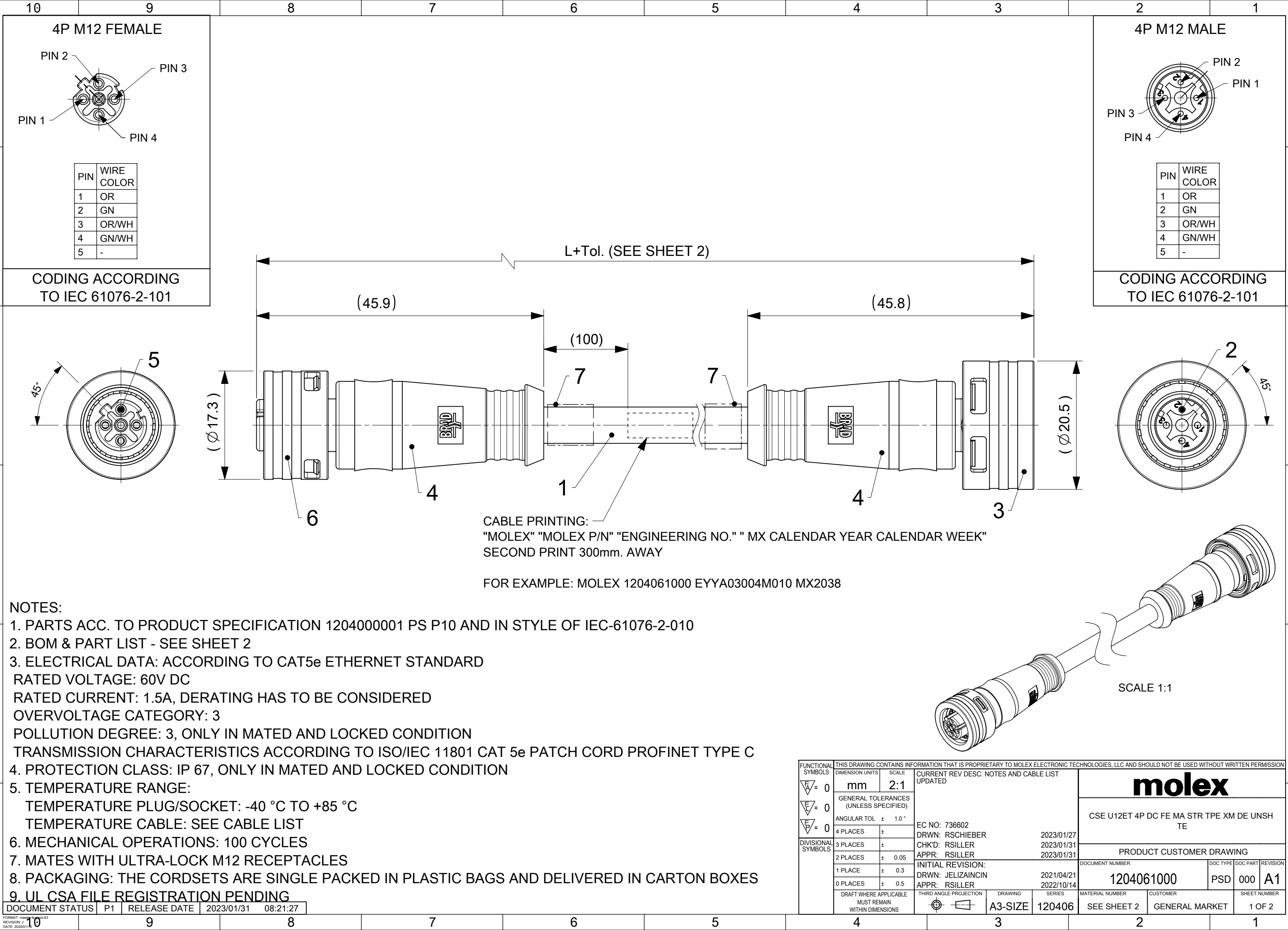




4P M12 FEMALE

PIN 2

PIN 3

PIN 1

PIN 4

PIN	WIRE COLOR
1	OR
2	GN
3	OR/WH
4	GN/WH
5	-

CODING ACCORDING TO IEC 61076-2-101

4P M12 MALE

PIN 2

PIN 1

PIN 3

PIN 4

PIN	WIRE COLOR
1	OR
2	GN
3	OR/WH
4	GN/WH
5	-

CODING ACCORDING TO IEC 61076-2-101

NOTES:

1. PARTS ACC. TO PRODUCT SPECIFICATION 1204000001 PS P10 AND IN STYLE OF IEC-61076-2-010

2. BOM & PART LIST - SEE SHEET 2

3. ELECTRICAL DATA: ACCORDING TO CAT5e ETHERNET STANDARD

RATED VOLTAGE: 60V DC

RATED CURRENT: 1.5A, DERATING HAS TO BE CONSIDERED

OVERVOLTAGE CATEGORY: 3

POLLUTION DEGREE: 3, ONLY IN MATED AND LOCKED CONDITION

TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CAT 5e PATCH CORD PROFINET TYPE C

4. PROTECTION CLASS: IP 67, ONLY IN MATED AND LOCKED CONDITION

5. TEMPERATURE RANGE:

TEMPERATURE PLUG/SOCKET: -40 °C TO +85 °C

TEMPERATURE CABLE: SEE CABLE LIST

6. MECHANICAL OPERATIONS: 100 CYCLES

7. MATES WITH ULTRA-LOCK M12 RECEPTACLES

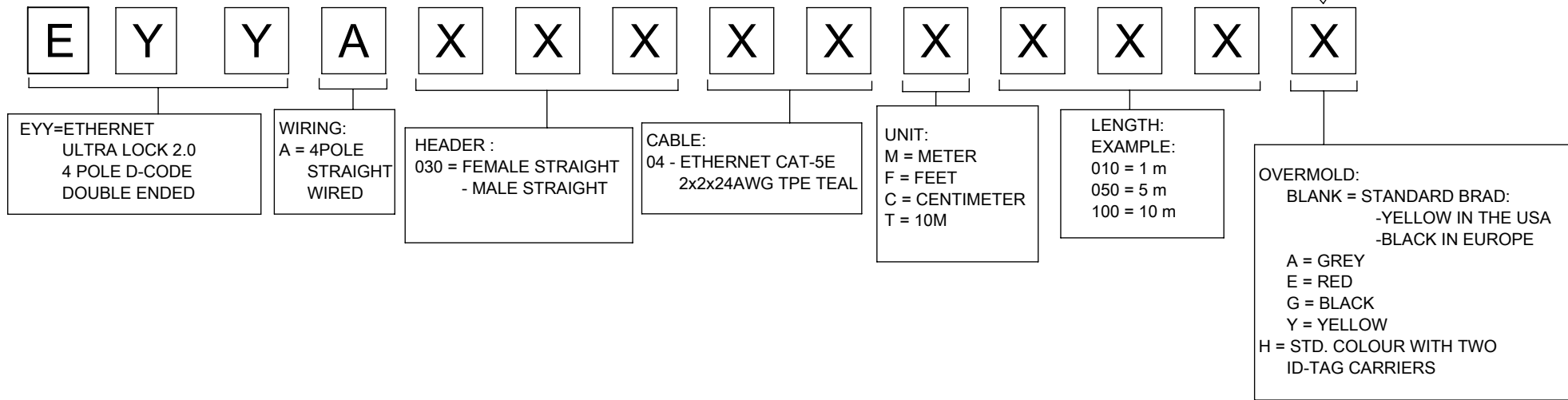
8. PACKAGING: THE CORDSETS ARE SINGLE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES

9. UL CSA FILE REGISTRATION PENDING

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	DIMENSION UNITS		SCALE		CURRENT REV DESC: NOTES AND CABLE LIST UPDATED			molex CSE U12ET 4P DC FE MA STR TPE XM DE UNSH TE					
	mm		2:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL ± 1.0 °													
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 736602			PRODUCT CUSTOMER DRAWING					
	3 PLACES		±		DRWN: RSCHIEBER 2023/01/27								
	2 PLACES		± 0.05		CHK'D: RSILLER 2023/01/31								
	1 PLACE		± 0.3		APPR: RSILLER 2023/01/31								
	0 PLACES		± 0.5		INITIAL REVISION:								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
									1204061000		PSD	000	A1
				A3-SIZE		120406		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								SEE SHEET 2		GENERAL MARKET		1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/31	08:21:27
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PART No MATRIX



CABLE LIST

4P	CABLE TYPE	DESCRIPTION	MATERIAL	FINISH/COLOR	FIXED INSTALLATION *		FLEXIBLE INSTALLATION **		DRAG CHAIN	
					MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
X	04	CABLE ETHERNET CAT-5E TPE TEAL 2X2X24AWG D6.5	TPE	TEAL	-20°C	+75°C	-5°C	+75°C	-	-

* FIXED POSITION WITHOUT ACCIDENTAL CRUSHING OF VIBRATION.

** FREE MOTION WITHOUT PERIODIC RECURRENCE OR FORCED GUIDANCE.

CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

BILL OF MATERIAL

4P	5P	ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
X		1	-	CABLE	SEE CABLE LIST	SEE CABLE LIST
X		2	4	CONTACT 10 MA STA NI AU	COPPER ALLOY	GOLD OVER NICKEL PLATED
X		3	1	PLG U12 4P DC MA PA UNSH WT	-	-
				PLG U12 5P DC MA PA UNSH WT		
X		4	2	OVERMOLD	TPC	SEE MATRIX
X		5	4	CONTACT 10 FE STA AU	BRASS	GOLD OVER NICKEL PLATED
X		6	1	PLG U12 4P DC FE PA UNSH	-	-
				PLG U12 5P DC FE PA UNSH		
IF "H" IS IN MATRIX-END		7	2	I/D CARRIER DIA 4-7MMX30MM	PVC	TRANSPARENT
DOCUMENT STATUS	P1	RELEASE DATE		2023/01/31 08:21:27		

PART LIST

MOLEX NO.	ENGINEERING NO.	LENGHT (mm)
1204061000	EYYA03004M010	1000
1204061001	EYYA03004M020	2000
1204061002	EYYA03004M050	5000
1204061003	EYYA03004M100	10000

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS		SCALE		CURRENT REV DESC: NOTES AND CABLE LIST UPDATED				molex					
	mm		2:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)								ANGULAR TOL ± 1.0 °				CSE U12ET 4P DC FE MA STR TPE XM DE UNSH TE	
$\nabla_A = 0$		4 PLACES ±		EC NO: 736602 DRWN: RSCHIEBER 2023/01/27 CHK'D: RSILLER 2023/01/31 APPR: RSILLER 2023/01/31										
$\nabla_E = 0$		3 PLACES ±												
$\nabla_F = 0$		2 PLACES ± 0.05												
DIVISIONAL SYMBOLS	1 PLACE ± 0.3		INITIAL REVISION:		DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
	0 PLACES ± 0.5		DRWN: JELIZAINCIN 2021/04/21		1204061000				PSD		000		A1	
			APPR: RSILLER 2022/10/14											
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 120406		MATERIAL NUMBER SEE PART LIST		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 2	