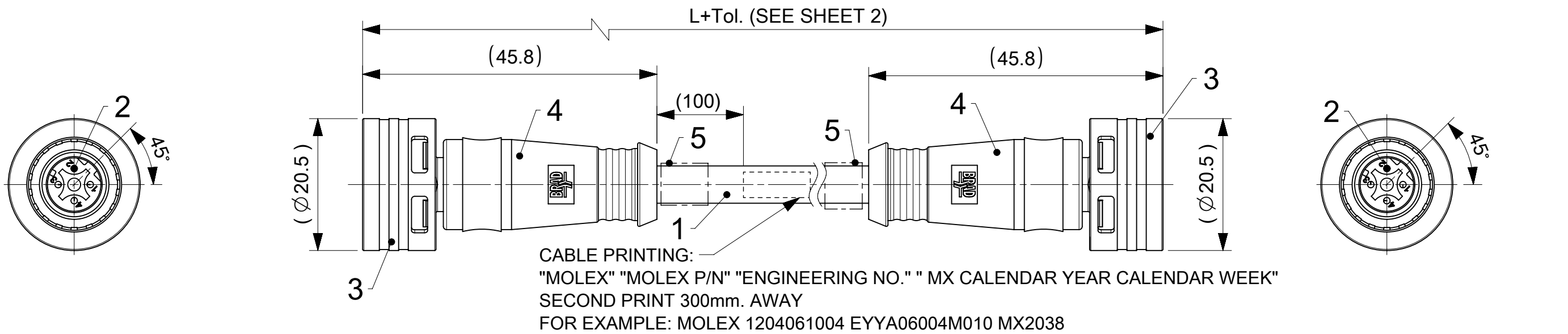
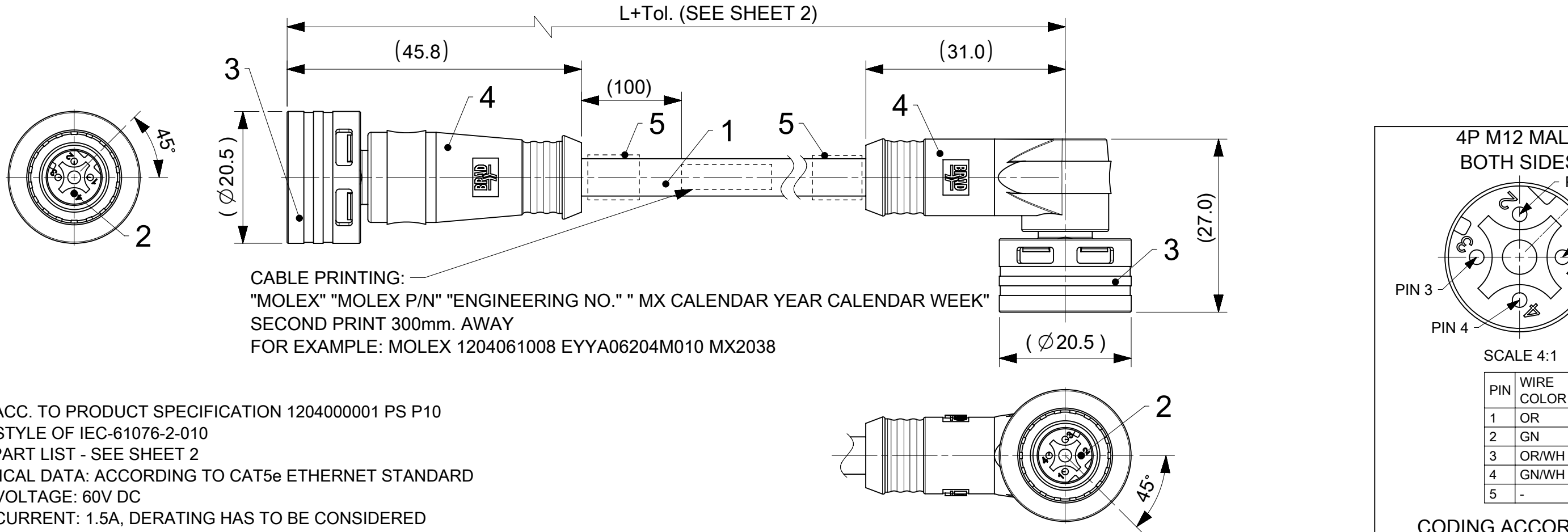


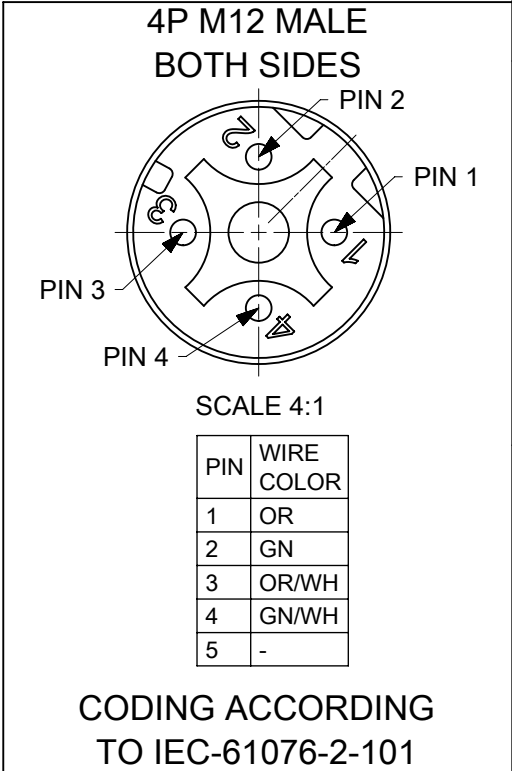
CSE U12ET 4P DC MA STR MA STR TPE XM DE UNSH TE :



CSE U12ET 4P DC MA STR MA RA TPE XM DE UNSH TE :

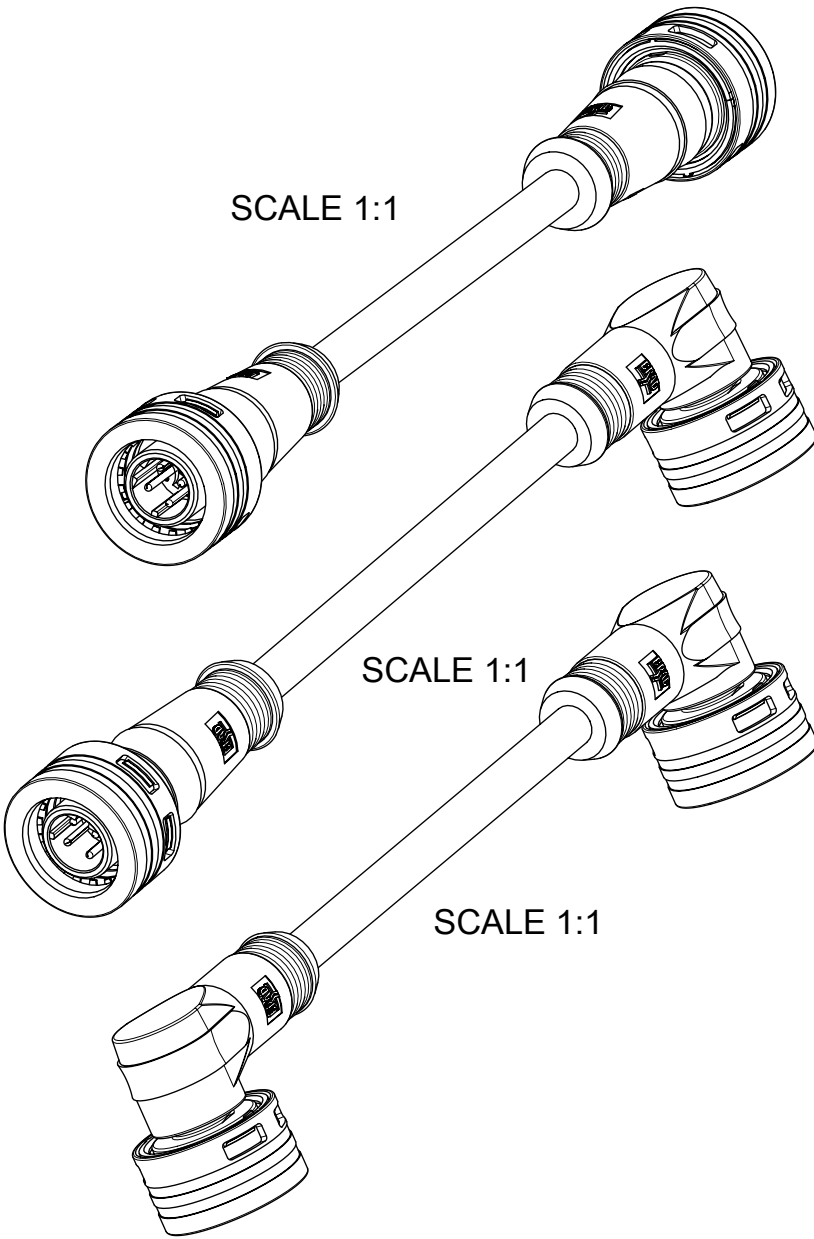
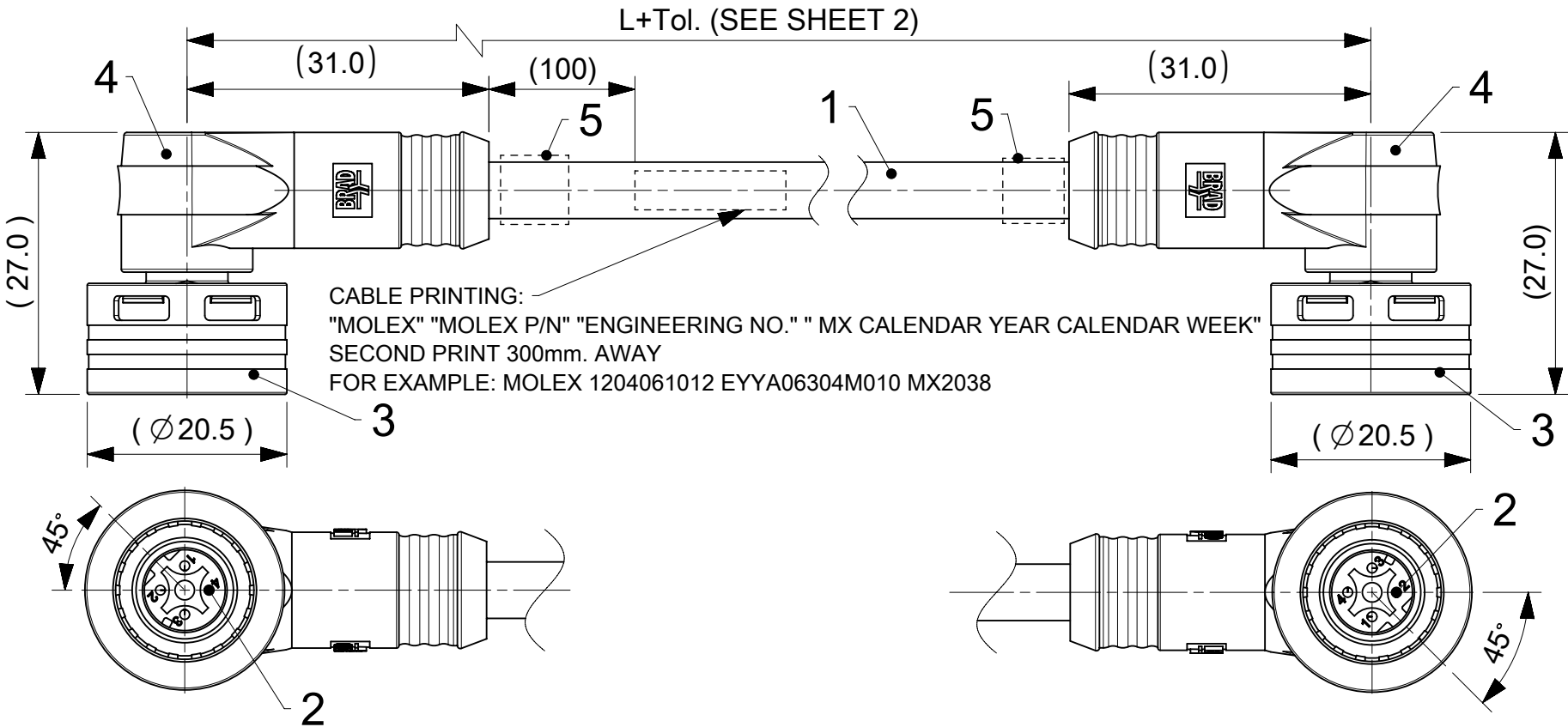


- NOTES:
1. PARTS ACC. TO PRODUCT SPECIFICATION 1204000001 PS P10 AND IN STYLE OF IEC-61076-2-010
 2. BOM & PART LIST - SEE SHEET 2
 3. ELECTRICAL DATA: ACCORDING TO CAT5e ETHERNET STANDARD
RATED VOLTAGE: 60V DC
RATED CURRENT: 1.5A, DERATING HAS TO BE CONSIDERED
OVERVOLTAGE CATEGORY: 3
POLLUTION DEGREE: 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 FEMALE 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									
	mm		1.5:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL		±					1.0°		CSE U12ET 4P DC MA MA TPE XM DE UNSH TE							
	4 PLACES		±														
	3 PLACES		±														
	2 PLACES		±		0.05		PRODUCT CUSTOMER DRAWING										
	1 PLACE		±		0.3												
	0 PLACES		±		0.5												
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		120406		1204061004		PSD		000		A1	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
												GENERAL MARKET				1 OF 2	

CSE U12ET 4P DC MA RA MA RA TPE XM DE UNSH TE :



PART No MATRIX

E	Y	Y	A	X	X	X	X	X	X	X	X	X	X	X
EYY=ETHERNET ULTRA LOCK 2.0 4 POLE D-CODE DOUBLE ENDED			WIRING: A = 4POLE STRAIGHT WIRED	HEADER : 060 = MALE STRAIGHT - MALE STRAIGHT 062 = MALE STRAIGHT - MALE RIGHT ANGLE 063 = MALE RIGHT ANGLE - MALE RIGHT ANGLE			CABLE: 04 - ETHERNET CAT-5E 2x2x24AWG TPE TEAL		UNIT: M = METER F = FEET C = CENTIMETER T = 10M		LENGTH: EXAMPLE: 010 = 1 m 050 = 5 m 100 = 10 m		OVERMOLD: BLANK = A = GREY E = RED G = BLACK Y = YELLOW H = STD. COLOUR WITH TWO ID-TAG CARRIERS	

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.

BILL OF MATERIAL

MA STR	MA STR	MA RA	ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
-MA STR	-MA RA	-MA RA					
X	X	X	1	-	CABLE	SEE CABLE LIST	SEE CABLE LIST
X	X	X	2	8	CONTACT 10 MA STA NI	COPPER ALLOY	GOLD OVER NICKEL PLATED
X	X	X	3	2	PLG U12 4P DC MA PA UNSH WT	-	-
X	X	X	4	2	OVERMOLD	TPC	SEE MATRIX
IF "H" IS IN MATRIX-END			5	2	I/D CARRIER DIA 4-7MMX30MM	PVC	TRANSPARENT

DOCUMENT STATUS P1 RELEASE DATE 2023/01/31 08:21:28

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

PART LIST

MOLEX NO.	ENGINEERING NO.	LENGHT (mm)
1204061004	EYYA06004M010	1000
1204061005	EYYA06004M020	2000
1204061006	EYYA06004M050	5000
1204061007	EYYA06004M100	10000
1204061008	EYYA06204M010	1000
1204061009	EYYA06204M020	2000
1204061010	EYYA06204M050	5000
1204061011	EYYA06204M100	10000
1204061012	EYYA06304M010	1000
1204061013	EYYA06304M020	2000
1204061014	EYYA06304M050	5000
1204061015	EYYA06304M100	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		1.5:1																
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 736602 DRWN: RSCHIEBER CHK'D: RSILLER APPR: RSILLER INITIAL REVISION: DRWN: JELIZAINCIN APPR: RSILLER			CSE U12ET 4P DC MA MA TPE XM DE UNSH TE													
	ANGULAR TOL ± 1.0 °																		
	4 PLACES	±							2023/01/27										
	3 PLACES	±							2023/01/31										
	2 PLACES	± 0.05							2023/01/31										
	DIVISIONAL SYMBOLS	1 PLACE	± 0.3			PRODUCT CUSTOMER DRAWING			DOCUMENT NUMBER 1204061004			DOC TYPE PSD	DOC PART 000	REVISION A1					
		0 PLACES	± 0.5																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER								CUSTOMER		SHEET NUMBER		
					A3-SIZE	120406	SEE PART LIST								GENERAL MARKET		2 OF 2		