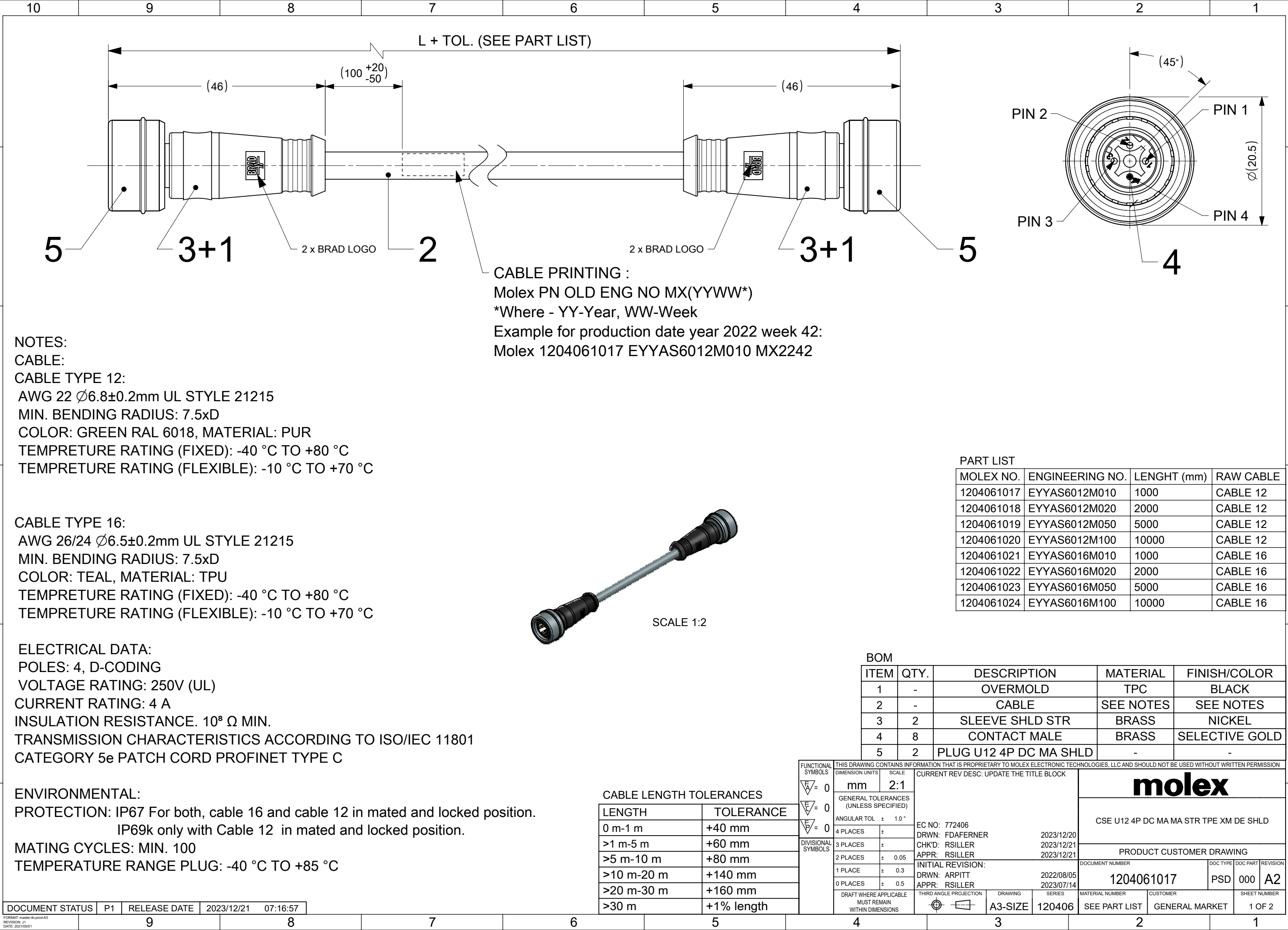




NOTES:
CABLE:
CABLE TYPE 12:
AWG 22 Ø6.8±0.2mm UL STYLE 21215
MIN. BENDING RADIUS: 7.5xD
COLOR: GREEN RAL 6018, MATERIAL: PUR
TEMPRETURE RATING (FIXED): -40 °C TO +80 °C
TEMPRETURE RATING (FLEXIBLE): -10 °C TO +70 °C

CABLE TYPE 16:
AWG 26/24 Ø6.5±0.2mm UL STYLE 21215
MIN. BENDING RADIUS: 7.5xD
COLOR: TEAL, MATERIAL: TPU
TEMPRETURE RATING (FIXED): -40 °C TO +80 °C
TEMPRETURE RATING (FLEXIBLE): -10 °C TO +70 °C

ELECTRICAL DATA:
POLES: 4, D-CODING
VOLTAGE RATING: 250V (UL)
CURRENT RATING: 4 A
INSULATION RESISTANCE. 10⁸ Ω MIN.
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801
CATEGORY 5e PATCH CORD PROFINET TYPE C

ENVIRONMENTAL:
PROTECTION: IP67 For both, cable 16 and cable 12 in mated and locked position.
IP69k only with Cable 12 in mated and locked position.
MATING CYCLES: MIN. 100
TEMPERATURE RANGE PLUG: -40 °C TO +85 °C

CABLE PRINTING :
Molex PN OLD ENG NO MX(YYWW*)
*Where - YY-Year, WW-Week
Example for production date year 2022 week 42:
Molex 1204061017 EYYAS6012M010 MX2242

PART LIST			
MOLEX NO.	ENGINEERING NO.	LENGHT (mm)	RAW CABLE
1204061017	EYYAS6012M010	1000	CABLE 12
1204061018	EYYAS6012M020	2000	CABLE 12
1204061019	EYYAS6012M050	5000	CABLE 12
1204061020	EYYAS6012M100	10000	CABLE 12
1204061021	EYYAS6016M010	1000	CABLE 16
1204061022	EYYAS6016M020	2000	CABLE 16
1204061023	EYYAS6016M050	5000	CABLE 16
1204061024	EYYAS6016M100	10000	CABLE 16

BOM				
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
1	-	OVERMOLD	TPC	BLACK
2	-	CABLE	SEE NOTES	SEE NOTES
3	2	SLEEVE SHLD STR	BRASS	NICKEL
4	8	CONTACT MALE	BRASS	SELECTIVE GOLD
5	2	PLUG U12 4P DC MA SHLD	-	-

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

FUNCTIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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

DIVISIONAL SYMBOLS

THIRD ANGLE PROJECTION

A3-SIZE

120406

CURRENT REV DESC: UPDATE THE TITLE BLOCK

EC NO: 772406

DRWN: FDAFERNER

CHK'D: RSILLER

APPR: RSILLER

2023/12/20

2023/12/21

2023/12/21

2023/07/14

INITIAL REVISION:

DRWN: ARPITT

APPR: RSILLER

2022/08/05

2023/07/14

DOCUMENT NUMBER

1204061017

DOC TYPE

PSD

DOC PART

000

REVISION

A2

MATERIAL NUMBER

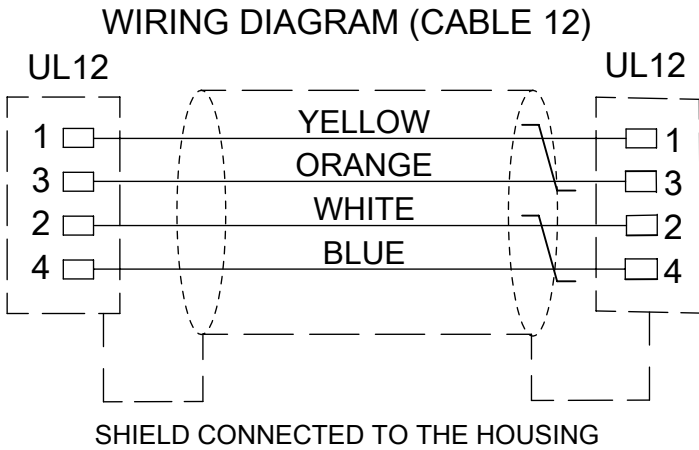
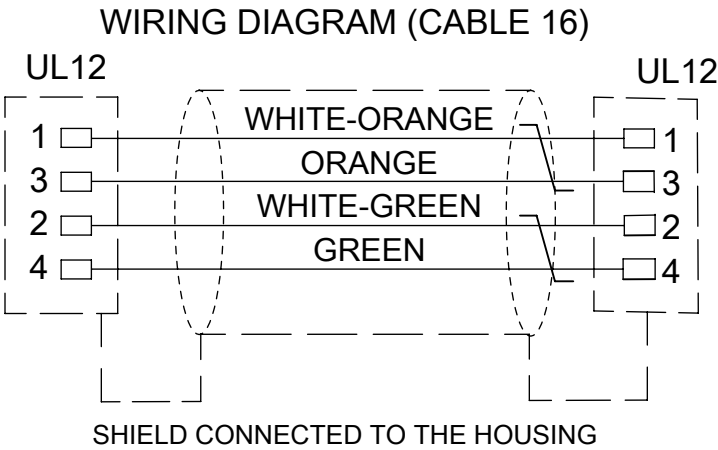
SEE PART LIST

CUSTOMER

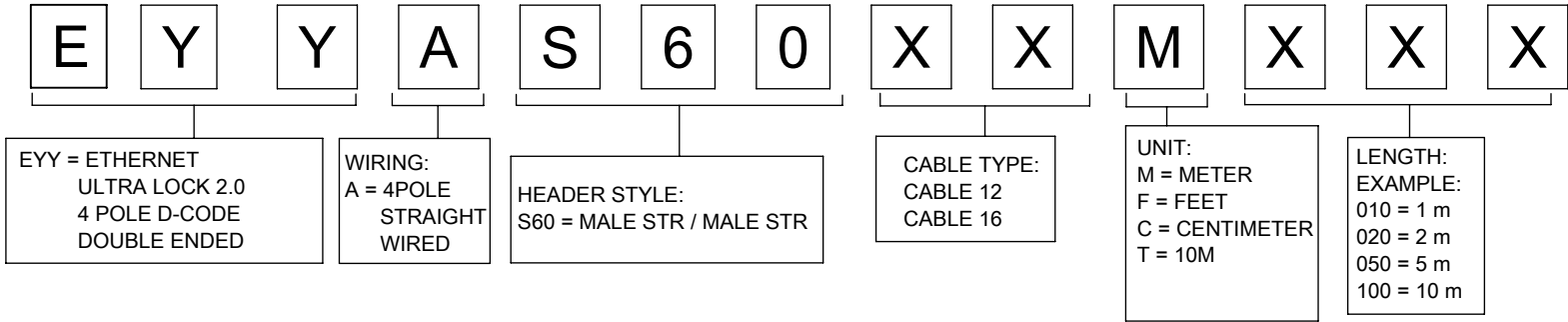
GENERAL MARKET

SHEET NUMBER

1 OF 2



PART No MATRIX



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
= 0	mm	2:1
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
= 0	ANGULAR TOL	± 1.0 °
DIVISIONAL SYMBOLS	4 PLACES	±
	3 PLACES	±
	2 PLACES	± 0.05
	1 PLACE	± 0.3
	0 PLACES	± 0.5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION
		DRAWING
		SERIES
		MATERIAL NUMBER
		CUSTOMER
		SHEET NUMBER

EC NO: 772406	2023/12/20
DRWN: FDAFERNER	2023/12/21
CHK'D: RSILLER	2023/12/21
APPR: RSILLER	2023/12/21
INITIAL REVISION:	
DRWN: ARPITT	2022/08/05
APPR: RSILLER	2023/07/14

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1204061017	PSD	000	A2

SEE PART LIST	GENERAL MARKET	2 OF 2
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