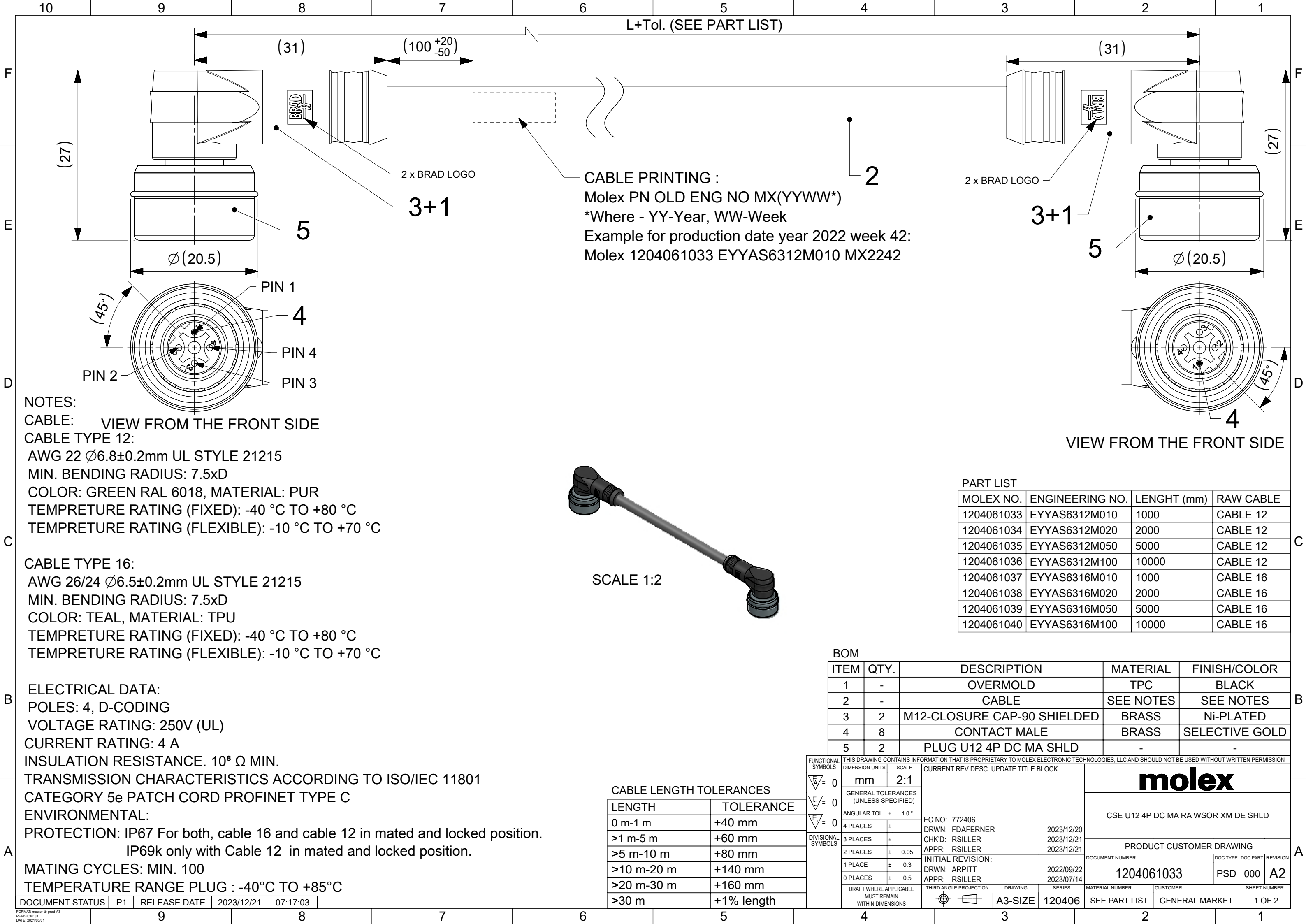




NOTES:
CABLE: VIEW FROM THE FRONT SIDE
CABLE TYPE 12:
AWG 22 Ø6.8±0.2mm UL STYLE 21215
MIN. BENDING RADIUS: 7.5xD
COLOR: GREEN RAL 6018, MATERIAL: PUR
TEMPRETURE RATING (FIXED): -40 °C TO +80 °C
TEMPRETURE RATING (FLEXIBLE): -10 °C TO +70 °C

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

PART LIST			
MOLEX NO.	ENGINEERING NO.	LENGHT (mm)	RAW CABLE
1204061033	EYYAS6312M010	1000	CABLE 12
1204061034	EYYAS6312M020	2000	CABLE 12
1204061035	EYYAS6312M050	5000	CABLE 12
1204061036	EYYAS6312M100	10000	CABLE 12
1204061037	EYYAS6316M010	1000	CABLE 16
1204061038	EYYAS6316M020	2000	CABLE 16
1204061039	EYYAS6316M050	5000	CABLE 16
1204061040	EYYAS6316M100	10000	CABLE 16

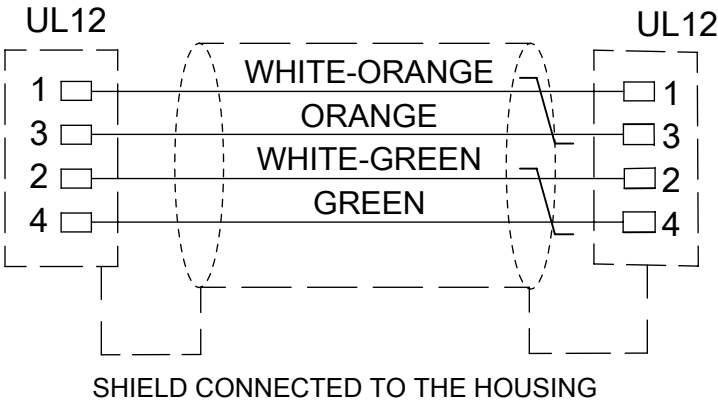
BOM				
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
1	-	OVERMOLD	TPC	BLACK
2	-	CABLE	SEE NOTES	SEE NOTES
3	2	M12-CLOSURE CAP-90 SHIELDED	BRASS	Ni-PLATED
4	8	CONTACT MALE	BRASS	SELECTIVE GOLD
5	2	PLUG U12 4P DC MA SHLD	-	-

CABLE LENGTH TOLERANCES

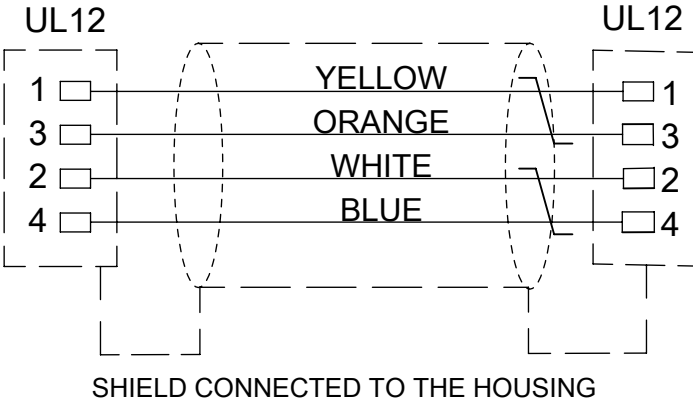
LENGTH	TOLERANCE
0 m-1 m	+40 mm
>1 m-5 m	+60 mm
>5 m-10 m	+80 mm
>10 m-20 m	+140 mm
>20 m-30 m	+160 mm
>30 m	+1% length

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATE TITLE BLOCK				molex CSE U12 4P DC MA RA WSOR XM DE SHLD									
mm		2:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL ± 1.0 °																	
FA = 0		4 PLACES		±		EC NO: 772406				2023/12/20							
FE = 0		3 PLACES		±		DRWN: FDAFERNER											
FF = 0		2 PLACES		± 0.05		CHK'D: RSILLER											
DIVISIONAL SYMBOLS		1 PLACE		± 0.3		APPR: RSILLER				2023/12/21							
		0 PLACES		± 0.5		INITIAL REVISION:				2022/09/22 2023/07/14							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES									
								A3-SIZE		120406		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
												SEE PART LIST		GENERAL MARKET		1 OF 2	

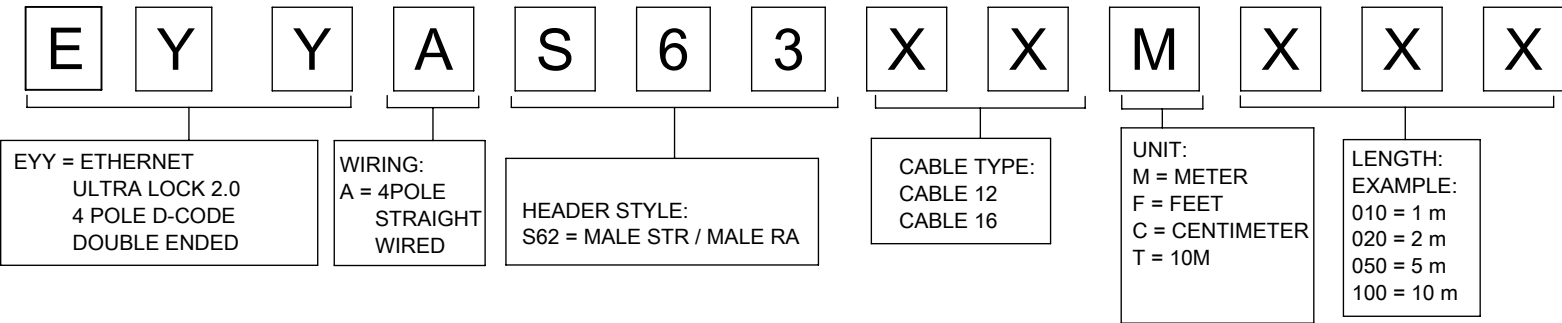
WIRING DIAGRAM (CABLE 16)



WIRING DIAGRAM (CABLE 12)



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	1:1
= 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	
CURRENT REV DESC: UPDATE TITLE BLOCK		
EC NO: 772406 DRWN: FDAFERNER CHK'D: RSILLER APPR: RSILLER		2023/12/20 2023/12/21 2023/12/21
INITIAL REVISION: DRWN: ARPITT APPR: RSILLER		2022/09/22 2023/07/14
THIRD ANGLE PROJECTION		DRAWING
SERIES		SHEET NUMBER
MATERIAL NUMBER		CUSTOMER
SEE TABLE 1		GENERAL MARKET
2 OF 2		