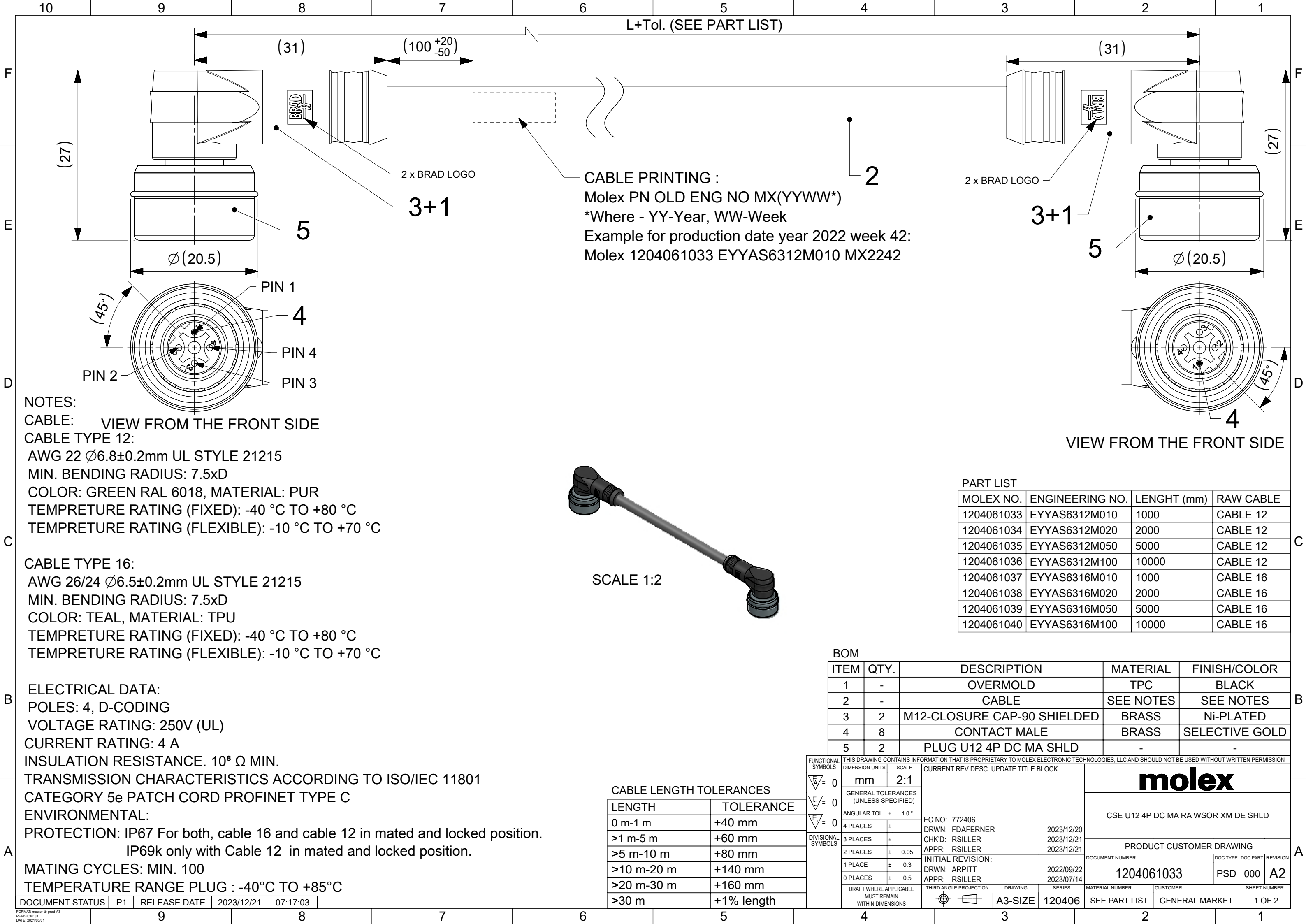




NOTES:
CABLE: VIEW FROM THE FRONT SIDE
CABLE TYPE 12:
AWG 22 Ø6.8±0.2mm UL STYLE 21215
MIN. BENDING RADIUS: 7.5xD
COLOR: GREEN RAL 6018, MATERIAL: PUR
TEMPRETURE RATING (FIXED): -40 °C TO +80 °C
TEMPRETURE RATING (FLEXIBLE): -10 °C TO +70 °C

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

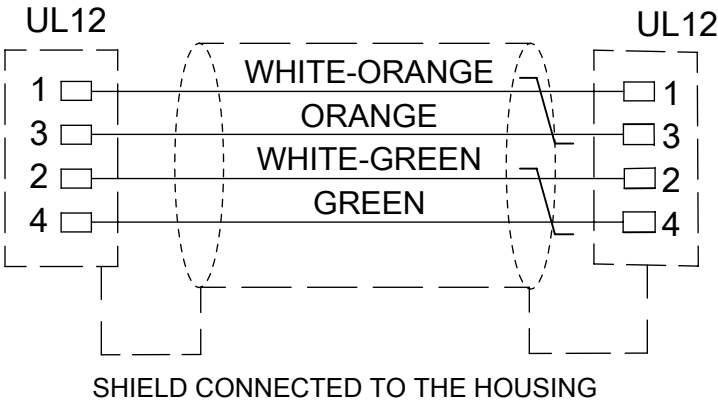
PART LIST			
MOLEX NO.	ENGINEERING NO.	LENGHT (mm)	RAW CABLE
1204061033	EYYAS6312M010	1000	CABLE 12
1204061034	EYYAS6312M020	2000	CABLE 12
1204061035	EYYAS6312M050	5000	CABLE 12
1204061036	EYYAS6312M100	10000	CABLE 12
1204061037	EYYAS6316M010	1000	CABLE 16
1204061038	EYYAS6316M020	2000	CABLE 16
1204061039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

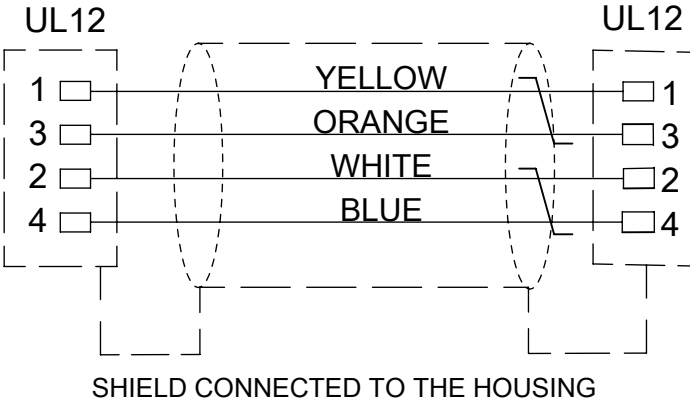
CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0 m-1 m	+40 mm
>1 m-5 m	+60 mm
>5 m-10 m	+80 mm
>10 m-20 m	+140 mm
>20 m-30 m	+160 mm
>30 m	+1% length

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: UPDATE TITLE BLOCK		SCALE		2:1	
DIMENSION UNITS		mm		GENERAL TOLERANCES (UNLESS SPECIFIED)		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	
		A3-SIZE		120406		SERIES		MATERIAL NUMBER	
		SEE PART LIST		GENERAL MARKET		SHEET NUMBER		1 OF 2	

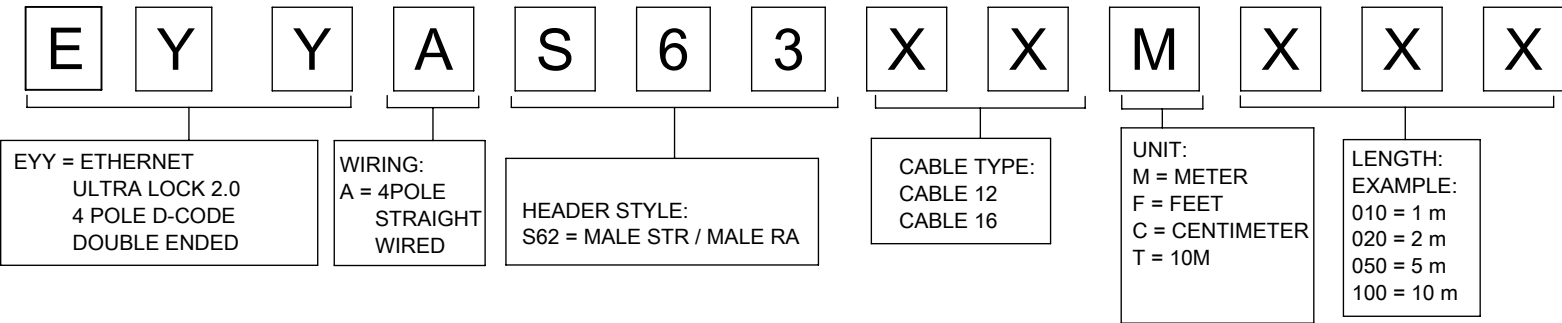
WIRING DIAGRAM (CABLE 16)



WIRING DIAGRAM (CABLE 12)



PART No MATRIX



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: UPDATE TITLE BLOCK							
		mm		1:1									
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 772406 DRWN: FDAFERNER CHK'D: RSILLER APPR: RSILLER							
		ANGULAR TOL ± 1.0 °											
		4 PLACES ±											
		3 PLACES ±				2023/12/20							
		2 PLACES ± 0.05				2023/12/21							
		1 PLACE ± 0.3				2023/12/21							
		0 PLACES ± 0.5				INITIAL REVISION:							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: ARPITT APPR: RSILLER							
		THIRD ANGLE PROJECTION		DRAWING		SERIES		2022/09/22 2023/07/14					
				A3-SIZE		120406		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								SEE TABLE 1		GENERAL MARKET		2 OF 2	