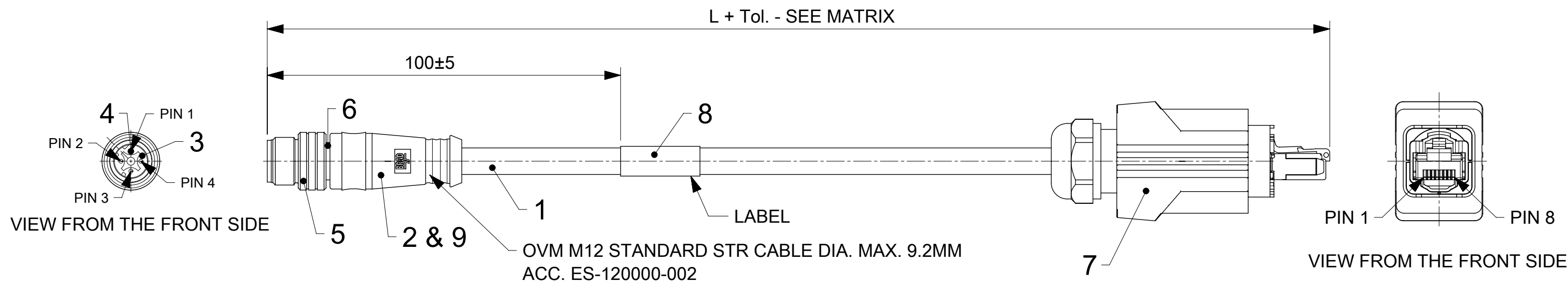
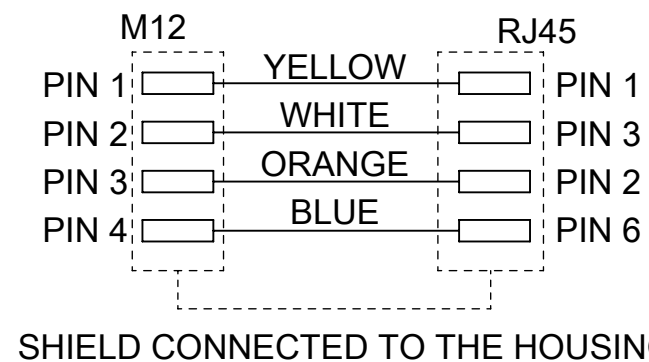


PART No MATRIX

The diagram shows a 14-character cable code: E 1 7 A 0 6 0 1 1 M X X X X. Each character is in a box. Brackets below group the characters into fields with descriptions:

- E**: =ETHERNET
- 1 7**: HEADS: 1=M12 D-Coding, 7=RJ45 PUSH/PULL PLUG
- A 0 6 0**: HEADS STYLE: 060= MALE STR / MALE STR
- 1 1**: WIRING TYPE: A=4 Pole (STRAIGHT WIRED)
- M**: CABLE TYPE
- X X**: UNITS: M= METER, T=10x METER
- X X**: LENGTH EXAMPLES: 005=0.5, 010=1, 150=15
- X**: H= 2 PCS. OF I/D Carrier

WIRING DIAGRAM



NOTES:

- 1) MATERIAL : SEE TABLE
- 2) FINISHES : SEE TABLE
- 3) CABLE : #22x2x2 SHIELDED PUR
- 4) ELECTRICAL DATA:
 ACCORDING TO ETHERNET STANDARD
 MAX. VOLTAGE : 30V
 MAX. CURRENT : 1.5A
- 5) ENVIRONMENTAL :
 PROTECTION CLASS RJ45 : IP20
 PROTECTION CLASS M12 : IP67 in mated and locked position
 OPERATING TEMPERATURE : -25°C TO +85°C
- 6) WRAP LABEL IS MARKED WITH P/N DATE CODE,
 VOLTAGE & AMPERAGE.
- 7) ASSEMBLY IS RoHS COMPLIANT.

BOM

8	1	LABEL WRAP	VINYL	YELLOW
7	1	RJ45 Push Pull Plug Connector	-	-
6	1	M12 SHIELD SLEEVE	BRASS	NICKEL PLATED
5	1	COUPLING NUT M12 MA	BRASS	NICKEL PLATED
4	4	CONTACT 10 MA	BRONZE	GOLD OVER NICKEL PLATED
3	1	INSERT M12 MA 4P DC	PUR	BLACK
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE 2x2x22AWG	PUR	GREEN
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR

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

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: CABLE AND STDS UPDATED				molex M12-4P(D)-MM-ST/PUSHPULL RJ XM									
	mm		1:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 672185 DRWN: MDHARMANTI 2021/07/22 CHK'D: RSILLER 2021/09/20 APPR: RSILLER 2021/09/20													
ANGULAR TOL ± 0.5 °																		
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: MDHARMANTI 2021/07/22 APPR: RSILLER 2021/09/20				PRODUCT CUSTOMER DRAWING									
	3 PLACES		±						DOCUMENT NUMBER				DOC TYPE		DOC PART		REVIS	
	2 PLACES		± 0.13						1201080204				PSD		000		A	
	1 PLACE		± 0.25															
	0 PLACES		±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
								A3-SIZE		120108		SEE MATRIX		GENERAL MARKET		1 OF 2		

DOCUMENT STATUS	P1	RELEASE DATE	2021/09/20	12:58:23
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