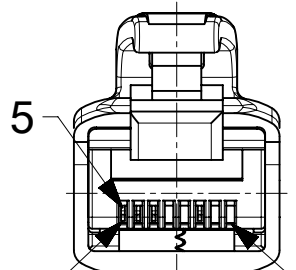
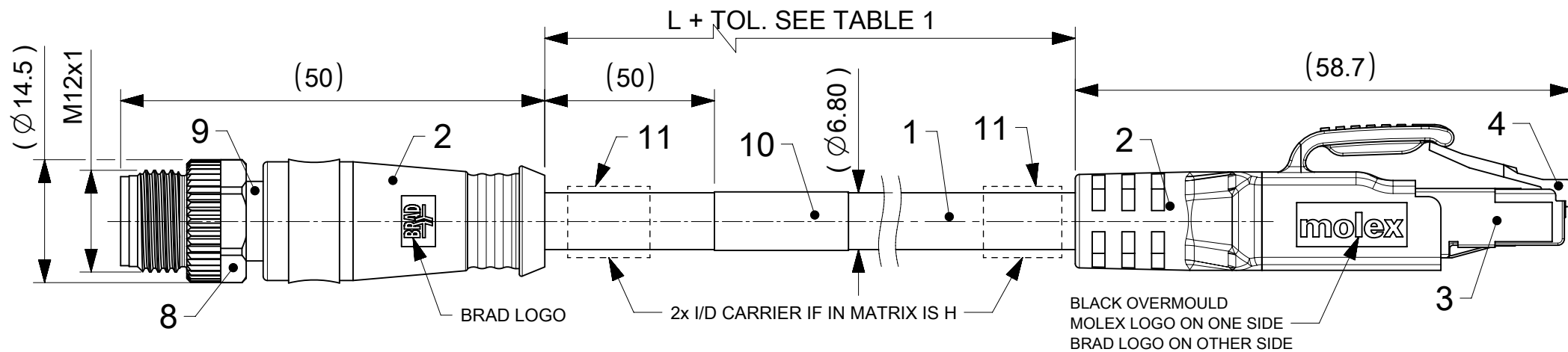
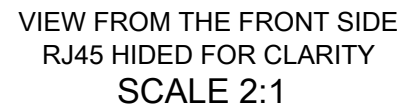
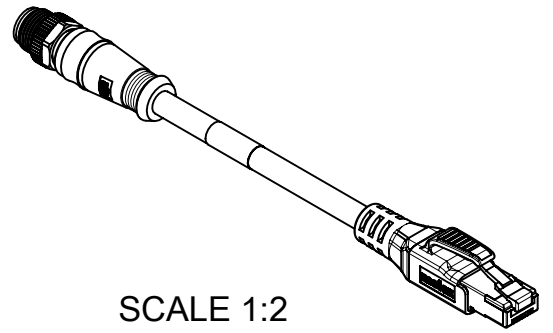


E	1	6	A	0	6	0	1	2	M	X	X	X	X
---	---	---	---	---	---	---	---	---	---	---	---	---	---

H= 2 PCS. OF I/D Carrier

SCALE 1:2



PIN 1  PIN 8

CONNECTOR PIN ASSIGNMENT
VIEW FROM THE FRONT SIDE
M12 H1ED FOR CLARITY
SCALE 2:1

WIRING DIAGRAM

M12		RJ45
1	YELLOW	1
3	ORANGE	2
2	WHITE	3
4	BLUE	6
SHIELD		

SHIELD CONNECTED TO THE HOUSING

M12 D-Coded to RJ45 CAT5e Cordset AWG22
straight green inline 360° shielded.

Transmission characteristics
ACCORDING TO ISO 11801 CATEGORY 5e
PATCH CORD PROFINET TYPE C

Packaging :
The cordsets are packed in a polybag.

* NOTE : ID CARRIER APPLICABLE, IF ENGINEERING No. HAS "H" (SEE TABLE1)

11	2	ID CARRIER	PVC	TRANSPARENT
10	1	LABEL 2.0X1.75	VINYL	YELLOW
9	1	M12 M STR SHLD	BRASS	Ni-PLATED
8	1	NUT M12 MALE	BRASS	Ni-PLATED
7	1	INSERT 4P M12 MALE	PUR	BLACK
6	4	CONTACT 10 MALE	Cu/Ni2	GOLD OVER NICKEL
5	4	CONTACT RJ45	PHOSPHOR BRONZE	SELECTIVE GOLD
4	1	PLUG RJ45 TRANSPARENT	PC	-
3	1	SHIELD	BRASS	TIN
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE 2x2x22AWG SHIELD	TPU	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															
DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: NEW P/N ADDED			molex									
	mm		3:2														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 731492 DRWN: RSCHIEBER 2022/12/08 CHK'D: RSILLER 2022/12/09 APPR: RSILLER 2022/12/09			CSE M12 ETH 4P DC MA STR WSOR RJ45 XM DE SHLD D6.8 GN									
	ANGULAR TOL ± °																
	4 PLACES		±														
	3 PLACES		±														
2 PLACES		±		PRODUCT CUSTOMER DRAWING													
1 PLACE		±															
0 PLACES		±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		120108		1201080521		PSD		000		A3	
										SEE TABLE 1		GENERAL MARKET				1 OF 2	

