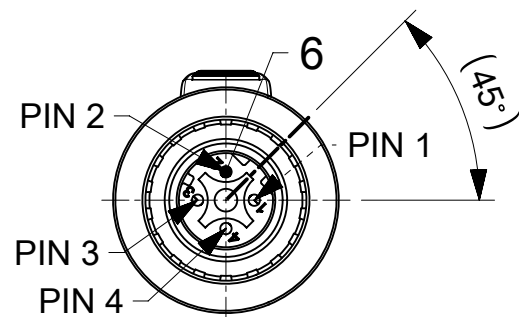
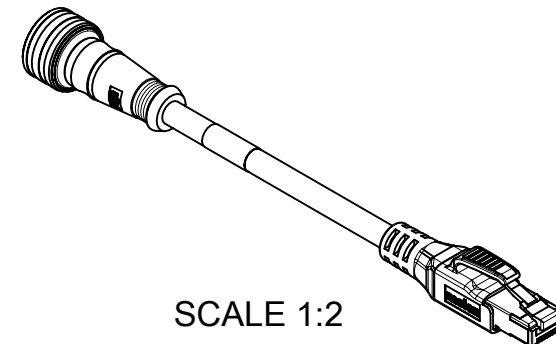


E	W	6	A	0	6	0	1	2	M	X	X	X	X
---	---	---	---	---	---	---	---	---	---	---	---	---	---

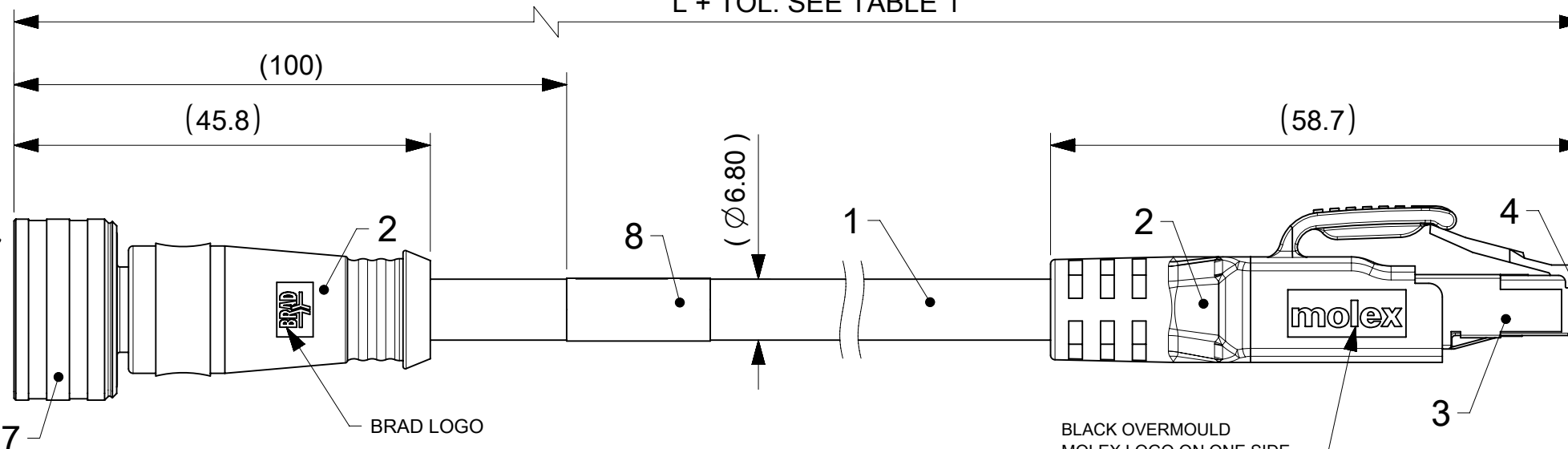
H= 2 PCS. OF I/D Carrier

L + TOL. SEE TABLE 1

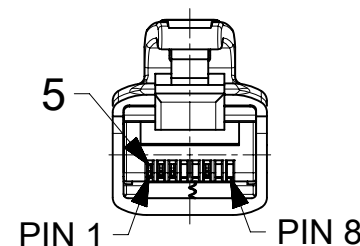
SCALE 1:2



VIEW FROM THE FRONT SIDE
RJ45 HIDDEN FOR CLARITY



BLACK OVERMOULD
MOLEX LOGO ON ONE SIDE
BRAD LOGO ON OTHER SIDE



CONNECTOR PIN ASSIGNMENT
VIEW FROM THE FRONT SIDE
M12 ULTRALOCK HIDDEN FOR CLARITY

Diagram illustrating the wiring connections for the 4-core cable:

- Yellow conductor connected to terminal 1.
- Orange conductor connected to terminal 2.
- White conductor connected to terminal 3.
- Blue conductor connected to terminal 6.
- Shield connected to the housing.

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

Temperature range : -25°C to 85°C

MOLEX PN	ENGINEERING NO	L (m)
1201080679	EW6A06012M020	2
1201080680	EW6A06012M050	5
1201080681	EW6A06012M100	10

Packaging :
The cordsets are packed in a polybag.

TABLE OF LENGHT TOLERANCES (mm)		
OVER	UP TO AND INCLUDING	TOLERANCE
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF LENGTH

8	1	LABEL	VINYL	YELLOW
7	1	ULTRALOCK ASSEMBLY	-	-
6	4	CONTACT 10 MALE	COPPER	GOLD OVER NICKEL
5	4	RJ45 CONTACT	PB	SELECTIVE GOLD
4	1	RJ45 PLUG TRANSPARENT	PC	-
3	1	RJ45 PLUG SHIELD	BRASS	TIN
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE ProfiNET 2x2x#22 WSOR GN SH	TPU	GREEN
ITEM	QTY	DESCRIPTION	MMATERIAL	FINISH/COLOR

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FA = 0 FE = 0 FE = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED			molex CSE U12 ETH 4P DC MA STR WSOR RJ45 XM DE SHLD D6.8 GN							
	mm		3:2												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 640263 DRWN: SSM 2021/04/07 CHK'D: RSILLER 2021/06/02 APPR: RSILLER 2021/06/02			PRODUCT CUSTOMER DRAWING							
	ANGULAR TOL ± °														
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		±												
1 PLACE		±		INITIAL REVISION: DRWN: MZIELINSKI 2018/04/26 APPR: BWOODMAN 2018/05/10			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
0 PLACES		±					1201080679		PSD	000	C1				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120108		SEE TABLE 1		GENERAL MARKET		1 OF 1	