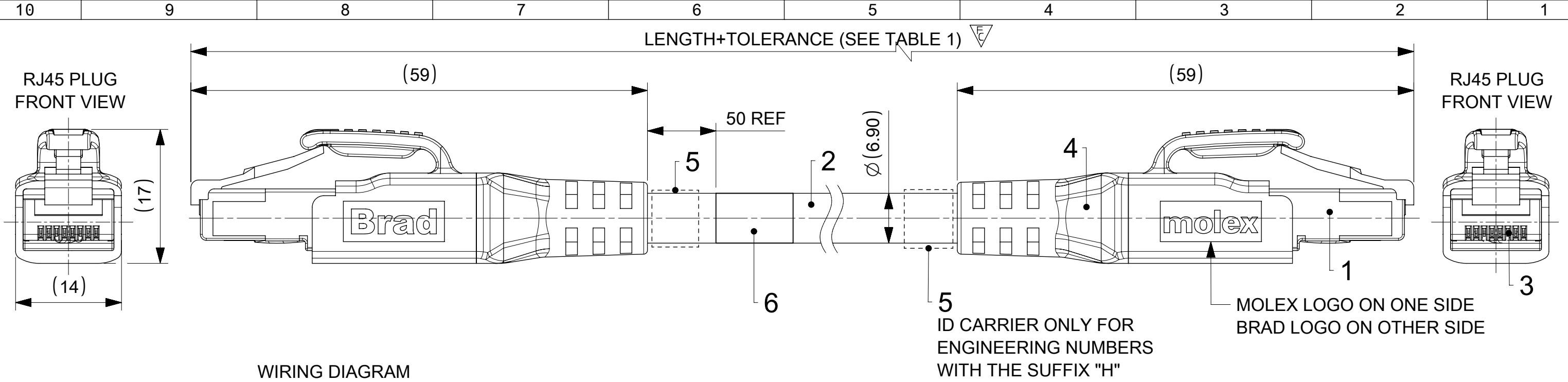
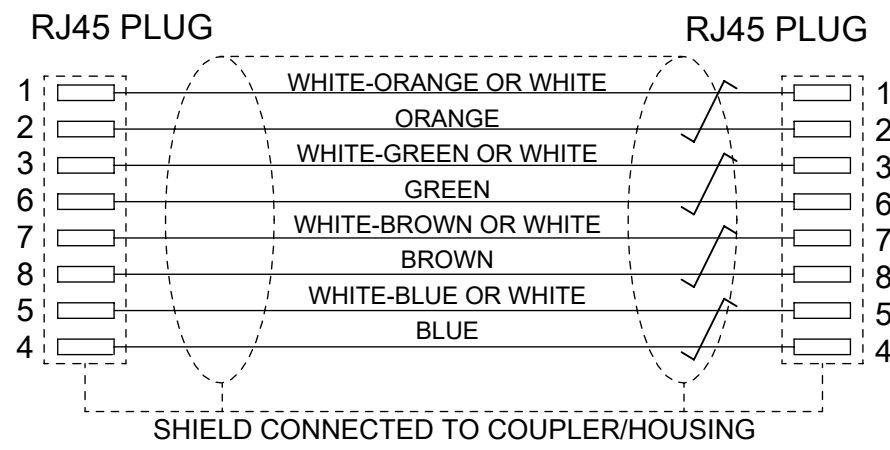
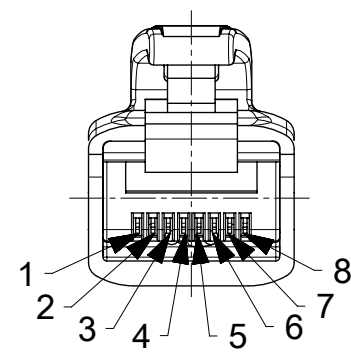




WIRING DIAGRAM



RJ45 PLUG FRONT VIEW

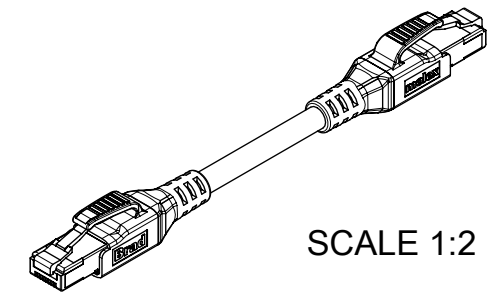


NOTES:
VOLTAGE RATING: 30 V A.C. OR 42 V D.C.
CURRENT RATING: 0.5 A
TEMPERATURE RATING:
STATIC: -40 °C TO 80 °C
DYNAMIC: -20 °C TO 80 °C
IP RATING: IP 20
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS E_A CHANNEL,
WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS <1 m OR ≥65 m
PRODUCT POE++ PERFORMANCED TESTED UP TO 65m LENGTH
PACKAGING: CORDSETS ARE PACKED IN A POLYBAG

BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	2	RJ45-PLUG 8P8C SHLD LONG BODY	-	-
2	1	CABLE 4X2X26/7AWG DIA 6.9	PUR	GREEN
3	16	CONTACT RJ45	PHOSPHOR BRONZE	SELECTIVE Au PLATED
4	-	OVERMOLD	TPU	BLACK
5	2	I/D CARRIER 6-10mmx30mm	PVC	TRANSPARENT
6	1	LABEL 2.0X1.75	VINYL	YELLOW

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/29	13:52:05
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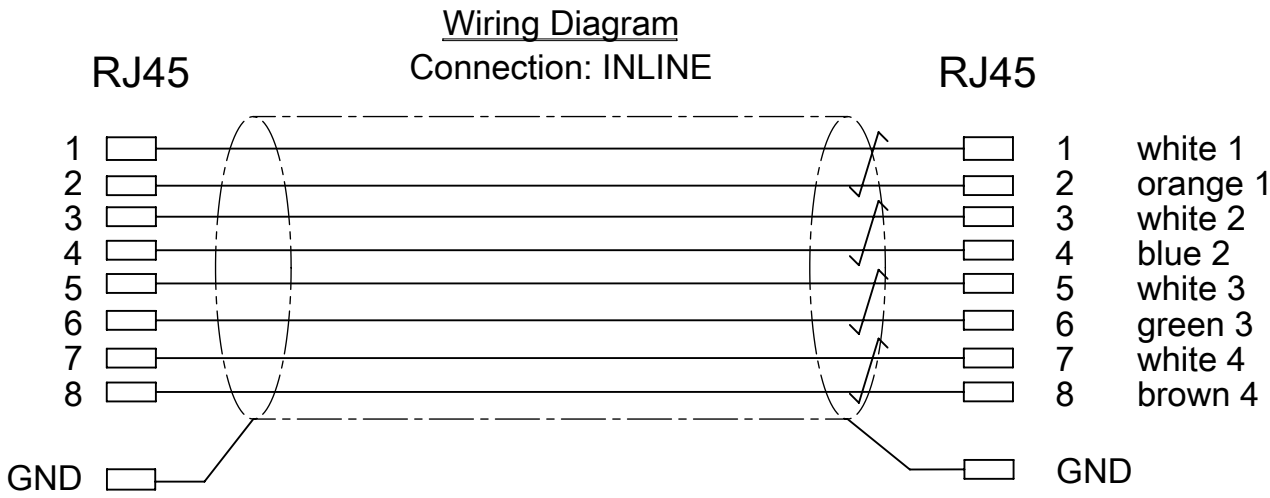


SCALE 1:2

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: ADD POE NOTE		molex			
	0	mm	2:1					
	1	GENERAL TOLERANCES (UNLESS SPECIFIED)			CSE RJ45 CAT6A 8P STR PUR XM			
	0	ANGULAR TOL	± 1.0 °		PRODUCT CUSTOMER DRAWING			
DIVISIONAL SYMBOLS	4 PLACES	±		EC NO: 760691				
	3 PLACES	±		DRWN: MBLOESER	2023/07/12			
	2 PLACES	±	0.05	CHK'D: RSILLER	2023/08/29			
	1 PLACE	±	0.3	APPR: RSILLER	2023/08/29			
		0 PLACES	±	0.5	INITIAL REVISION:			
				DRWN: MDHARMANTI	2019/10/10			
				APPR: RSILLER	2019/10/15			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
						A3-SIZE	120341	SEE TABLE 1
								CUSTOMER
								GENERAL MARKET
								SHEET NUMBER
								1 OF 2

CABLE SPECIFICATION:

CONDUCTOR:
SECTION 4x2x26AWG
JACKET:
MATERIAL: PUR
COLOR: TEAL
DIAMETER: 6.4mm
TEMPERATURE RANGE:
DINAMIC: -10°C TO +50°C
STATIC: -40°C TO +70°C
MAX. OPERATING VOLTAGE: 125V



PAIRS OF WIRES

PAIR 1: WHITE 1 - ORANGE 1
PAIR 2: WHITE 2 - GREEN 2
PAIR 3: WHITE 3 - BROWN 3
PAIR 4: WHITE 4 - BLUE 4

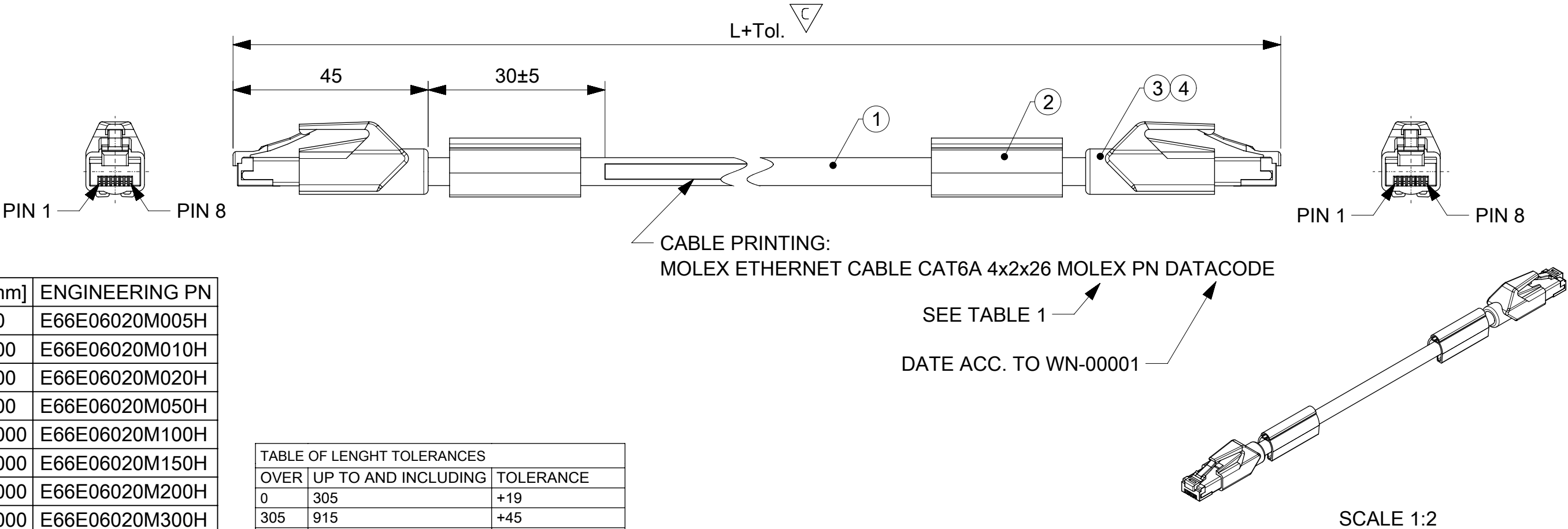


TABLE 1

MOLEX PN	L[mm]	ENGINEERING PN
1203410608	500	E66E06020M005H
1203410609	1000	E66E06020M010H
1203410610	2000	E66E06020M020H
1203410611	5000	E66E06020M050H
1203410612	10000	E66E06020M100H
1203410613	15000	E66E06020M150H
1203410620	20000	E66E06020M200H
1203410621	30000	E66E06020M300H
1203410622	40000	E66E06020M400H
1203410623	50000	E66E06020M500H
1203410624	60000	E66E06020M600H
1203410625	70000	E66E06020M700H

TABLE OF LENGHT TOLERANCES		
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

BILL OF MATERIALS

4	-	TAPE	COPPER	-
3	2	PLUG RJ45	-	-
2	2	ID CARRIER	-	-
1	-	CABLE 26AWG D6.4	PUR	-
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

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 FF=0		DIMENSION UNITS		SCALE		CURRENT REV DESC:									
		mm		1:1											
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				molex									
		ANGULAR TOL ± °													
		4 PLACES		±		CSE RJ45 CAT6A 8P 0C FE STR PUR XM-ID									
		3 PLACES		±											
		2 PLACES		±		PRODUCT CUSTOMER DRAWING									
		1 PLACE		±											
0 PLACES		±		DOCUMENT NUMBER											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120341		SEE TABLE 1		GENERAL MARKET		1 OF 1	
				EC NO: 634425		DRWN: MKOWALCZYK01		2020/03/20							
				CHK'D: DSTACHOWIAK		2020/03/23									
				APPR: DSTACHOWIAK		2020/03/23									
				INITIAL REVISION:				DRWN: DSTACHOWIAK		2017/05/29		1203410608			
				APPR: MIWASIECZKO				2017/06/05							
										DOC TYPE		DOC PART		REVISION	
										PSD		000		B	