

NOTES:

1. ELECTRICAL DATA:
- VOLTAGE RATING: 125V
- CURRENT RATING: 1.5A
- INSULATION RESISTANCE: 10⁸ Ω MIN.
- MATING CYCLES: MIN. 100
- TEMP RANGE: -25°C TO +75°C
- PROTECTION: IP67 (WHEN MATED)
- UL FILE: E200650
2. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

WIRING DIAGRAM

M12 (4 PIN) TO RJ45 STRAIGHT THRU WIRING

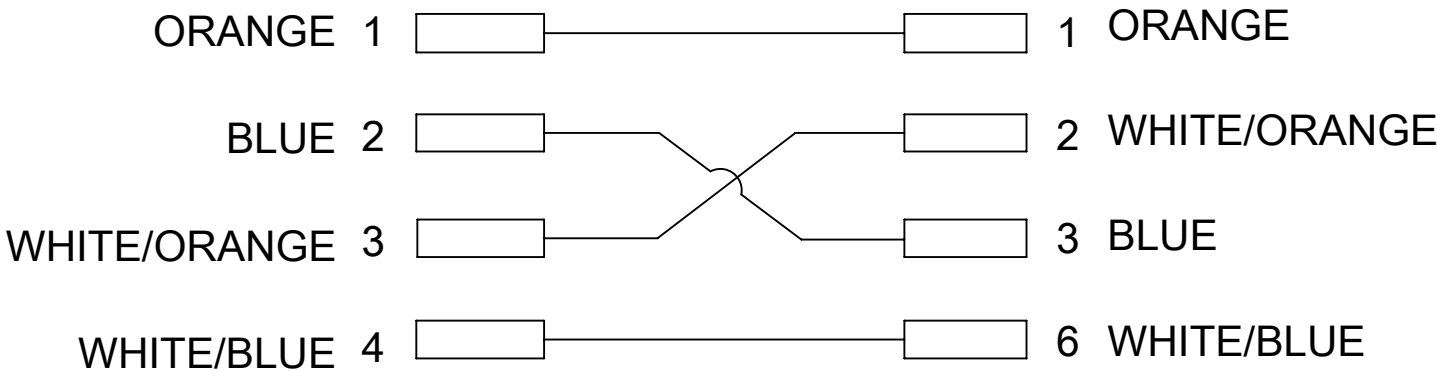
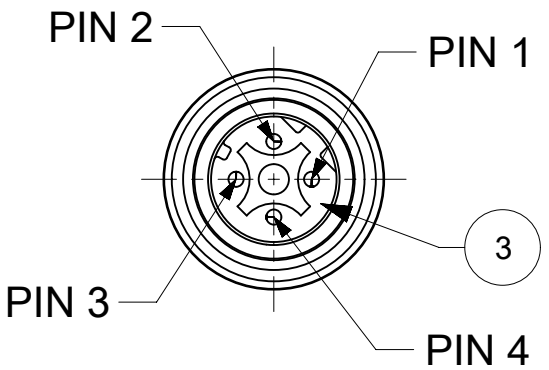
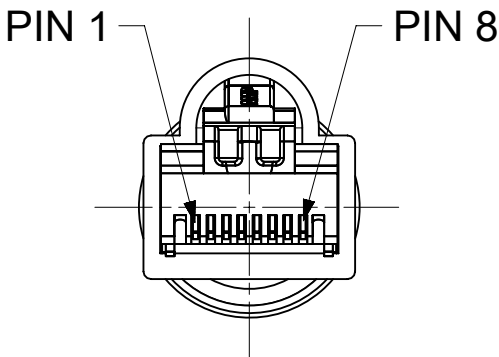
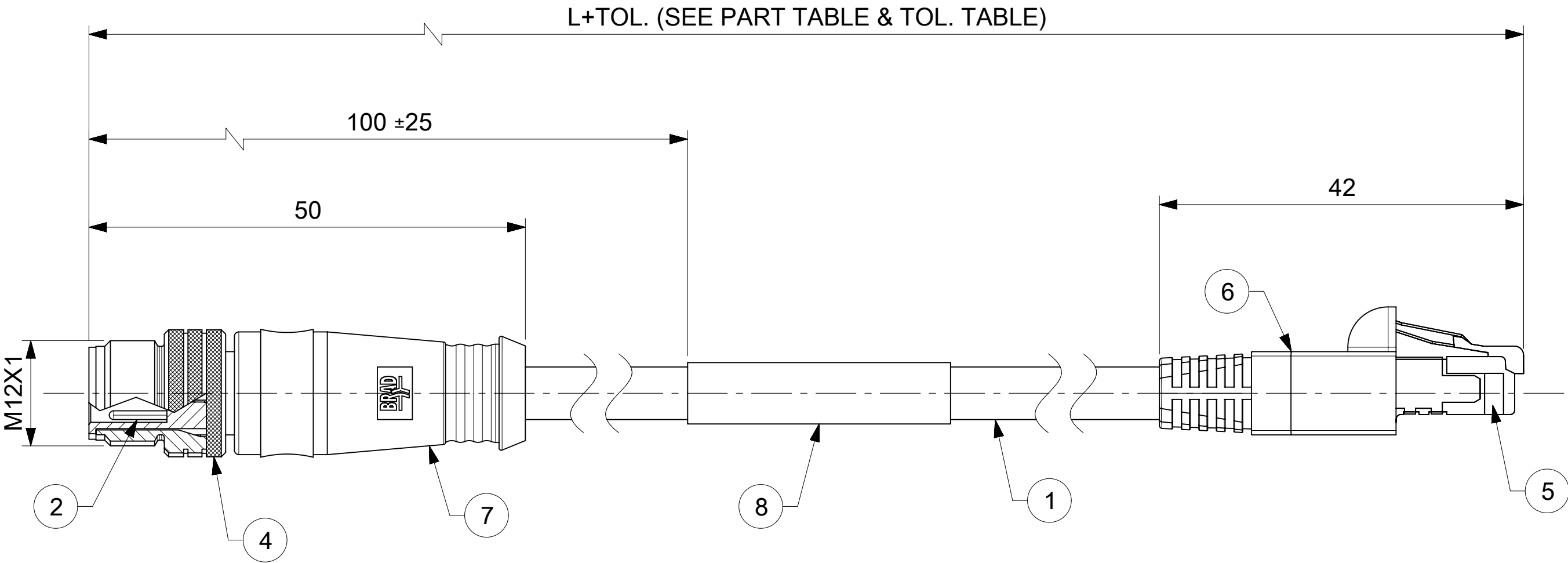


TABLE OF LENGTH TOLERANCES		
OVER	UP TO AND INCLUDING	TOLERANCE
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF LENGTH



VIEW FROM FRONT SIDE
M12 4 POLE MALE



VIEW FROM FRONT SIDE
RJ45 MALE

ITEM	DESCRIPTION	MATERIAL	FINISH
1	CABLE, ETHERNET, 24-4	PVC JACKET	TEAL
2	CONTACT PIN	COPPER ALLOY	GOLD PLATED
3	INSERT D-CODE 4 POLE MALE	PUR	BLACK
4	COUPLING NUT M12 MALE	BRASS	NICKEL
5	RJ45 PLUG	POLYCARBONATE	TRANSPARENT
6	RJ45 BOOT, HOODED	PVC	BLACK
7	OVERMOLD	TPU	BLACK
8	LABEL	VINYL	BLACK/WHITE

DOCUMENT STATUS	P1	RELEASE DATE	2023/11/17	13:49:55
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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: AS PER THE PCN-514377 REPLACED THE RJ45 BOOT FROM P/N 1302328002 TO P/N 1301980188 IN ASSEMBLY AND UPDATED THE DRAWING				molex CSE M12 RJ45 4P DC MALE STR PVC XM DE UNSH				
	mm		2:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± °												
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 769239				PRODUCT CUSTOMER DRAWING				
	3 PLACES		±		DRWN: AKABADI								

molex

CSE M12 RJ45 4P DC MALE
STR PVC XM DE UNSH

PRODUCT CUSTOMER DRAWING

1300480015

PSD

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B

E	1	6	A	0	6	0	0	2	M	X	X	X	X
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LENGTH EXAMPLES
005=0.5
010=1
150=15

SCALE 1:1

SCALE 1:1

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: AS PER THE PCN-514377 REPLACED THE RJ45 BOOT FROM P/N 1302328002 TO P/N 1301980188 IN ASSEMBLY AND UPDATED THE DRAWING			molex					
	mm		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 769239 DRWN: AKABADI 2023/11/08 CHK'D: RSILLER 2023/11/17 APPR: RSILLER 2023/11/17			CSE M12 RJ45 4P DC MALE STR PVC XM DE UNSH		
ANGULAR TOL ± °													
4 PLACES		±											
DIVISIONAL SYMBOLS	3 PLACES		±		INITIAL REVISION: DRWN: VHANDI 2023/04/19 APPR: RSILLER 2023/05/24			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	2 PLACES		±					1300480015		PSD	000	B	
	1 PLACE		±										
	0 PLACES		±										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
							A3-SIZE	130048	SEE TABLE		GENERAL MARKET		2 OF 2