

1. ELECTRICAL DATA:
VOLTAGE RATING: 125V
CURRENT RATING: 1.5A
INSULATION RESISTANCE: $10^8 \Omega$ 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

M12 (4 PIN) TO RJ45 STRAIGHT THRU WIRING

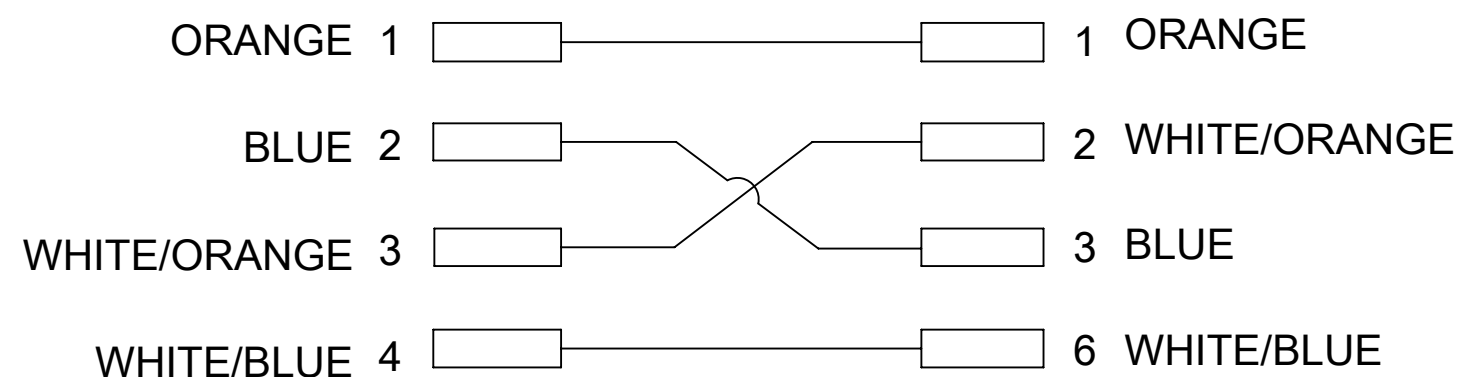
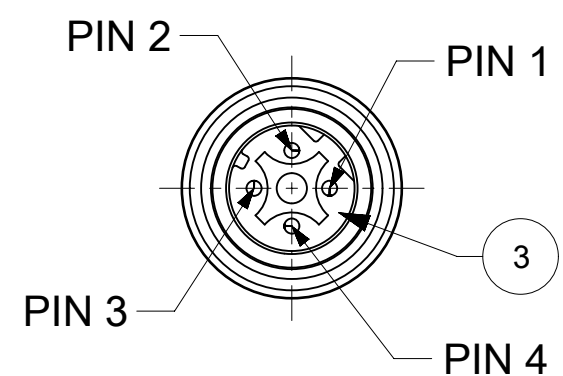
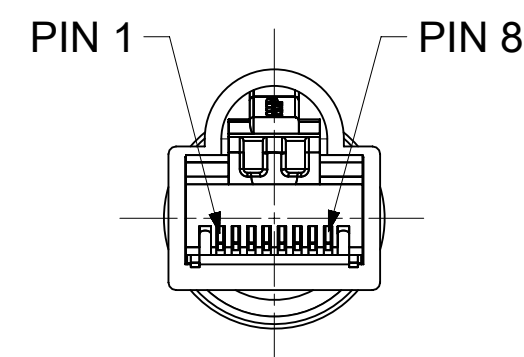
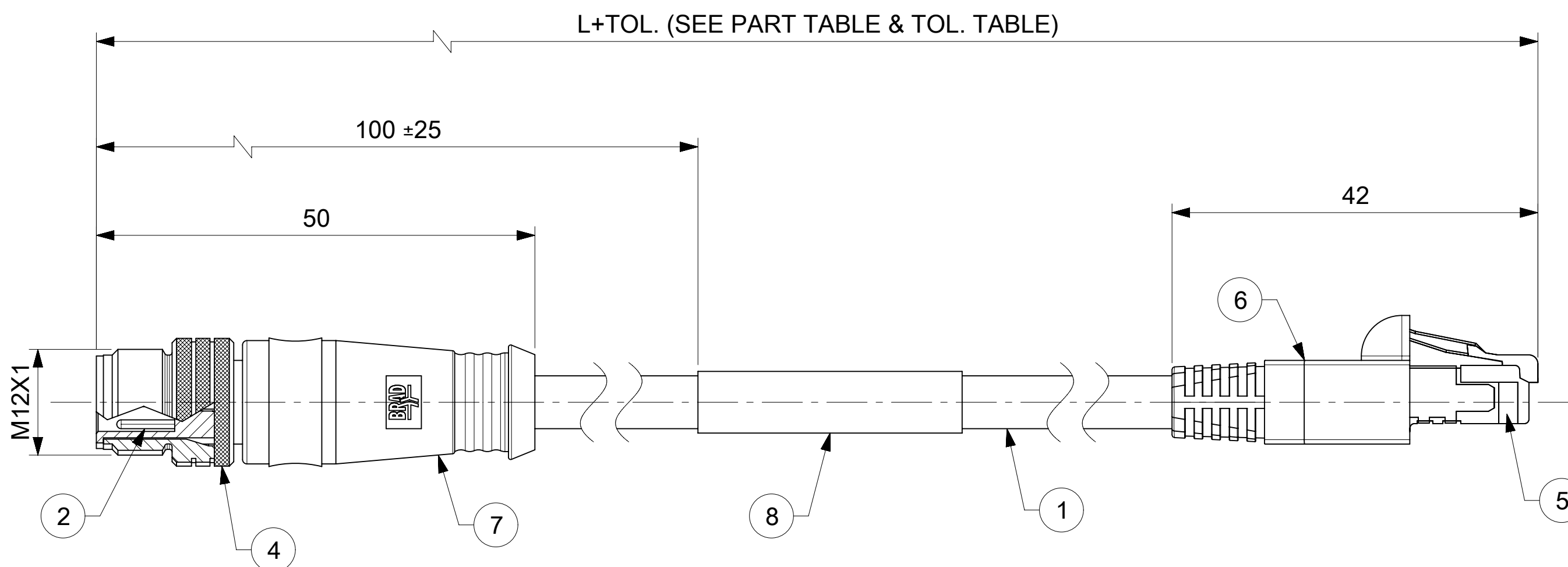


TABLE OF LENGTH TOLERANCES		
OVER	UP TO AND INCLUDING	TOLERANCE
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF LENGTH



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

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		2:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± °									
	4 PLACES		±					EC NO: 769239		
	3 PLACES		±					DRWN: AKABADI		

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

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						
= 0	mm		1:1										
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 769239 DRWN: AKABADI2023/11/08 CHK'D: RSILLER2023/11/17 APPR: RSILLER2023/11/17		CSE M12 RJ45 4P DC MALE STR PVC XM DE UNSH						
= 0	ANGULAR TOL ± °												
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: VHANDI2023/04/19 APPR: RSILLER2023/05/24		PRODUCT CUSTOMER DRAWING						
	3 PLACES		±				DOCUMENT NUMBER						
	2 PLACES		±				1300480015						
	1 PLACE		±				DOC TYPE		DOC PART		REVISION		
	0 PLACES		±				PSD		000		B		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER
				A3-SIZE		130048		SEE TABLE		GENERAL MARKET		2 OF 2	