

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

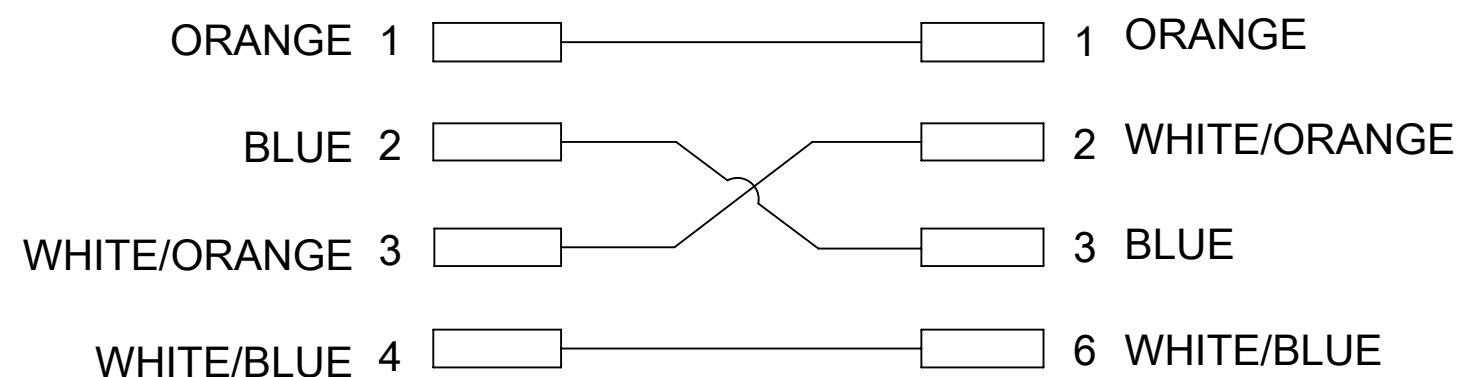
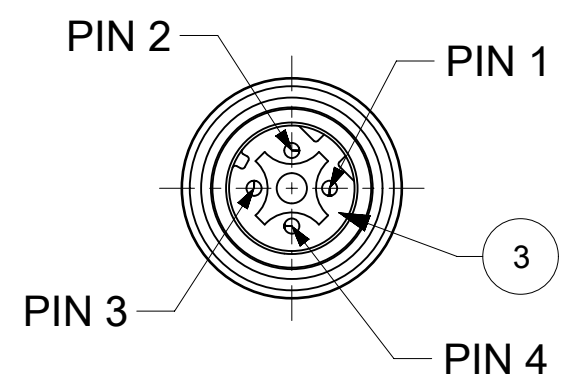
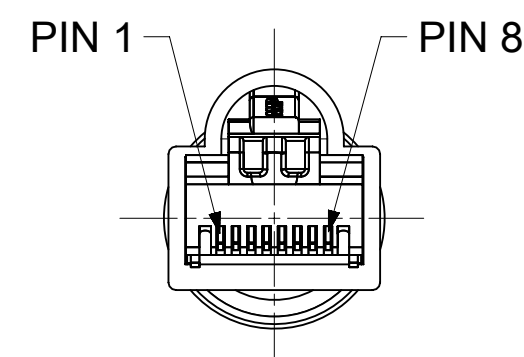
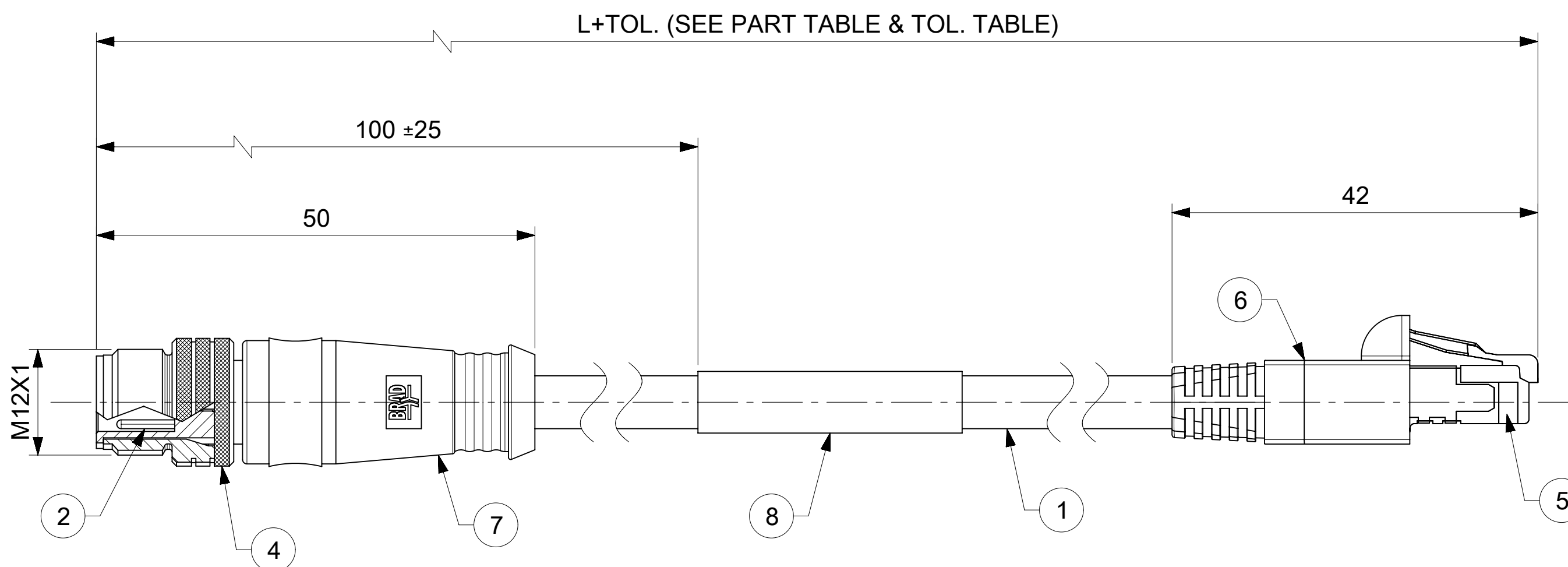


TABLE OF LENGTH TOLERANCES		
OVER	UP TO AND INCLUDING	TOLERANCE
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF LENGTH

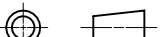


VIEW FROM FRONT SIDE
M12 4 POLE MALE



VIEW FROM FRONT SIDE
RJ45 MALE

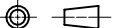
ITEM	DESCRIPTION	MATERIAL	FINISH
1	CABLE, ETHERNET, 24-4	PVC JACKET	TEAL
2	CONTACT PIN	COPPER ALLOY	GOLD PLATED
3	INSERT D-CODE 4 POLE MALE	PUR	BLACK
4	COUPLING NUT M12 MALE	BRASS	NICKEL
5	RJ45 PLUG	POLYCARBONATE	TRANSPARENT
6	RJ45 BOOT, HOODED	PVC	BLACK
7	OVERMOLD	TPU	BLACK
8	LABEL	VINYL	BLACK/WHITE

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
$\frac{F_A}{F_C} = 0$		DIMENSION UNITS mm		SCALE 2:1		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						
$\frac{F_C}{F_P} = 0$		GENERAL TOLERANCES (UNLESS SPECIFIED)												CSE M12 RJ45 4P DC MALE STR PVC XM DE UNSH		
$\frac{F_P}{F_D} = 0$		ANGULAR TOL ± °														
DIVISIONAL SYMBOLS		4 PLACES ±		EC NO: 769239												
		3 PLACES ±		DRWN: AKABADI 2023/11/08												
		2 PLACES ±		CHK'D: RSILLER 2023/11/17												
		1 PLACE ±		APPR: RSILLER 2023/11/17												
		0 PLACES ±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		
				DRWN: VHANDI 2023/04/19				1300480015		PSD		000		B		
				APPR: RSILLER 2023/05/24												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 130048		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET			SHEET NUMBER 1 OF 2	

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					
	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 ± °													
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: VHANDI 2023/04/19 APPR: RSILLER 2023/05/24			PRODUCT CUSTOMER DRAWING					
	3 PLACES		±					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 A3-SIZE	SERIES 130048	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 2		