

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

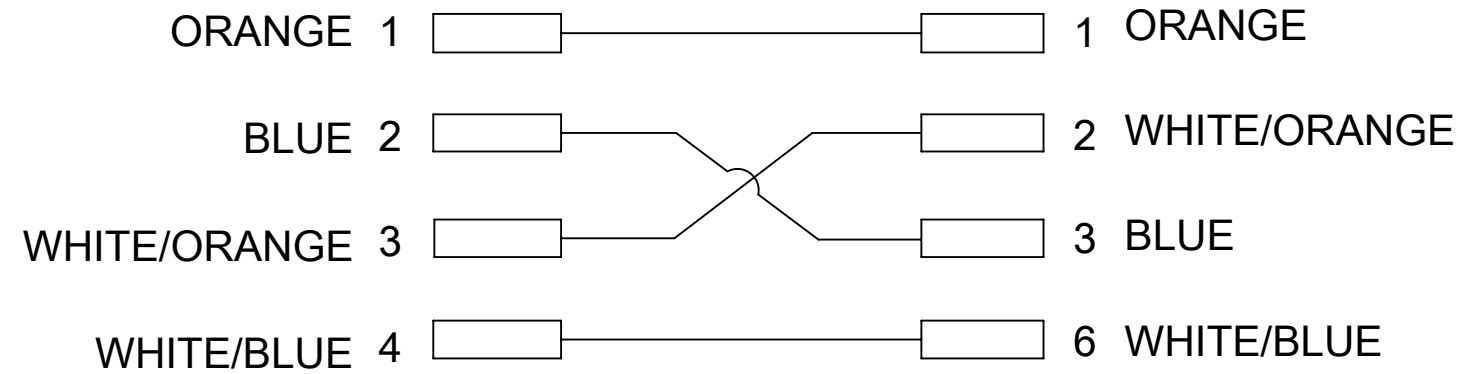
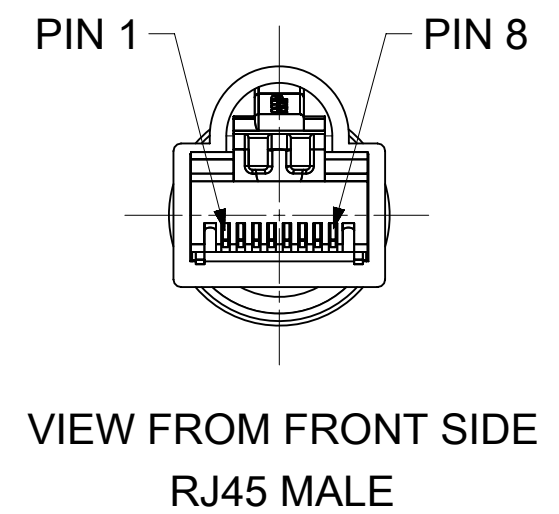
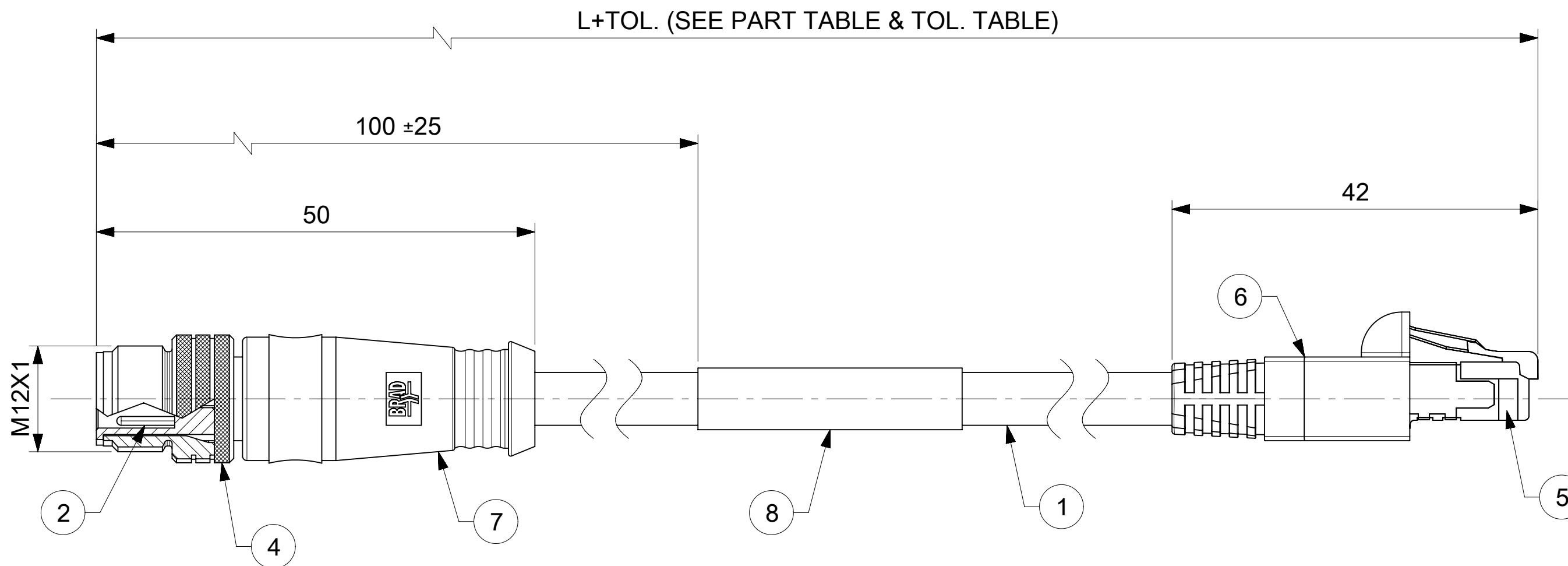
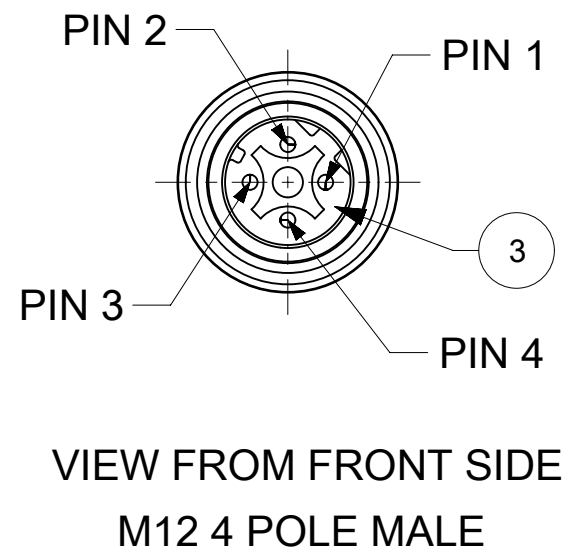


TABLE OF LENGTH TOLERANCES		
OVER	UP TO AND INCLUDING	TOLERANCE
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF LENGTH



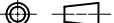
ITEM	DESCRIPTION	MATERIAL	FINISH
1	CABLE, ETHERNET, 24-4	PVC JACKET	TEAL
2	CONTACT PIN	COPPER ALLOY	GOLD PLATED
3	INSERT D-CODE 4 POLE MALE	PUR	BLACK
4	COUPLING NUT M12 MALE	BRASS	NICKEL
5	RJ45 PLUG	POLYCARBONATE	TRANSPARENT
6	RJ45 BOOT, HOODED	PVC	BLACK
7	OVERMOLD	TPU	BLACK
8	LABEL	VINYL	BLACK/WHITE

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