

E	W	6	A	0	6	1	0	2	M	X	X	X
---	---	---	---	---	---	---	---	---	---	---	---	---

HEADS:
W=M12 4-Pole Ultra Lock
D-Coding
6=RJ45

CABLE TYPE :

LENGTH EXAMPLES:
005=0.5m
010=1m
150=15m

L + TOL. = SEE MATRIX

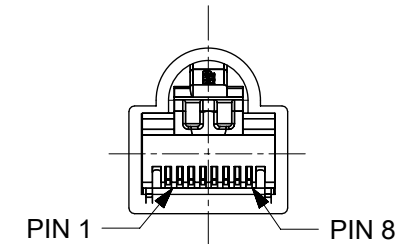


Diagram illustrating the rear view of the connector. The diagram shows the circular rear face with five pins labeled PIN 1, PIN 2, PIN 3, PIN 4, and PIN 5. A curved arrow indicates a rotation of 225°.

WIRING DIAGRAM

M12U		RJ 45
PIN 1	WHITE-ORANGE	PIN 1
PIN 2	WHITE-BLUE	PIN 3
PIN 3	ORANGE	PIN 2
PIN 4	BLUE	PIN 6

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
1	-	CABLE ETHERNET CAT5E	PVC	TEAL
2	4	CONTACT MALE	BRONZE	GOLD OVER Ni-PLATED
3	1	MIC 3P MALE ULOCK ASSEMBLY	-	-
4	-	MOULDING MATERIAL	PUR	BLACK
5	1	RJ45-PLUG	-	-
6	1	STRAIN RELIEF BOOT	PVC	BLACK
7	1	WRAP LABEL	VINYL	YELLOW

SL. NO	MOLEX PN	ENGINEERING NO.	LENGTH (mm)
1	1201080336	EW6A06102M020	2000
2	1201080338	EW6A06102M060	6000
3	1201080339	EW6A06102M100	10000
4	1201080337	EW6A06102M150	15000
5	1201080340	EW6A06102M200	20000
6	1201080341	EW6A06102M300	30000
7	1201080342	EW6A06102M400	40000
8	1201080343	EW6A06102M500	50000
9	1201088202	EW6A06102M900	90000
10	1201088203	EW6A06102T100	100000

ENVIRONMENTAL :
PROTECTION CLASS RJ45 : IP20
PROTECTION CLASS M12 : IP67/IP68/IP69K IN
MATED AND
LOCKED POSITION

TABLE OF LENGHT TOLERANCES (mm)		
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

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 EC NO: 769239 DRWN: AKABADI 2023/11/09 CHK'D: RSILLER 2023/11/17 APPR: RSILLER 2023/11/17 INITIAL REVISION: DRWN: MDHARMANTI 2022/01/19 APPR: RSILLER 2022/02/15					molex CSE U12 4P AC MA RA PVC RJ45 CAT5E								
	mm		3:2															
	GENERAL TOLERANCES (UNLESS SPECIFIED)									PRODUCT CUSTOMER DRAWING								
	ANGULAR TOL ± 0.5 °																	
	4 PLACES ±		DOCUMENT NUMBER 1201080336							DOC TYPE PSD		DOC PART 000		REVISION B				
	3 PLACES ±																	
	2 PLACES ± 0.13		MATERIAL NUMBER SEE PART LIST							CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1						
	1 PLACE ± 0.25																	
0 PLACES ±																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 120108										