

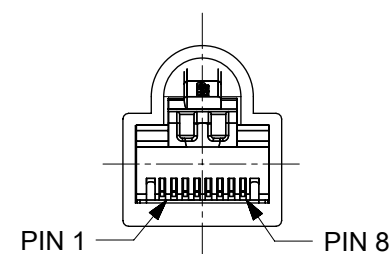
E	W	6	A	0	6	1	0	2	M	X	X	X
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HEADS:
W=M12 4-Pole Ultra Lock
D-Coding
6= RJ45

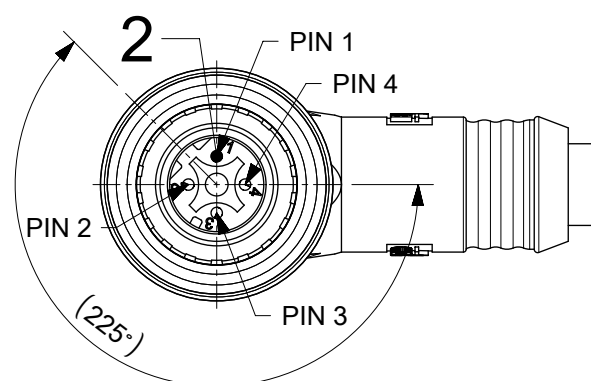
UNITS:
M= METER
T=10x METER

CABLE TYPE :

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



VIEW FROM THE FRONT SIDE



VIEW FROM THE FRONT SIDE

M12U WIRING DIAGRAM RJ 45



BOM

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

PART LIST

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

NOTES :

ELECTRICAL DATA :
 ACCORDING TO CAT5e
 VOLTAGE RATING : 30V
 AMPERAGE RATING : 1.5A
 INSULATION RESISTANCE : 10⁸Ω MIN.
 MATING CYCLES : MIN. 100

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

TABLE OF LENGTH 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													
F_A = 0 F_C = 0 F_E = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: PROTECTION CLASS UPDATED		molex CSE U12 4P AC MA RA PVC RJ45 CAT5E							
		mm		3:2											
		GENERAL TOLERANCES (UNLESS SPECIFIED)													
		ANGULAR TOL ± 0.5°						PRODUCT CUSTOMER DRAWING							
		4 PLACES		±								DOCUMENT NUMBER 1201080336		DOC TYPE PSD	
3 PLACES		±													
2 PLACES		± 0.13													
		1 PLACE		± 0.25		INITIAL REVISION: DRWN: MDHARMANTI 2022/01/19 APPR: RSILLER 2022/02/15									
		0 PLACES		±											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120108		SEE PART LIST		GENERAL MARKET		1 OF 1	