

PIN	WIRE COLOR
1	OG
2	BU
3	OG-WH
4	BU-WH

E	W	W	A	0	6	3	0	3	M	X	X	X
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LENGTH EXAMPLES:
005=0.5
010=1
150=15

L + Tol.[mm]
SEE PART LIST



PIN	WIRE COLOR
1	OG
2	BU
3	OG-WH
4	BU-WH

MOLEX PN	ENGINEERING No	L+Tol. [mm]
1201080081	EWWA06303M006	600 +45
1201080082	EWWA06303M010	1000 +56
1201080083	EWWA06303M020	2000 +89

5	1	WRAP LABEL	VINYL	WHITE
4	-	MOULDING MATERIAL	TPU	BLACK
3	2	ULTRA M12 4P ASSEMBLY	-	-
2	8	CONTACT 10 MALE	BRASS	Au OVER Ni
1	-	ETHERNET CABLE-CAT5E	PVC	TEAL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR

DOCUMENT STATUS	P1	RELEASE DATE	2022/04/22	06:35:57
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TEMPERATURE RANGE : -20°C TO +75°C

FUNCTIONAL SYMBOLS DIVISIONAL 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:				molex MIC 4P M/MP ULOCK 90/90 XM			
	mm		3:2									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± 1.0°		4 PLACES ±						PRODUCT CUSTOMER DRAWING			
	3 PLACES ±		CHK'D: RSILLER 2022/04/22									
	2 PLACES ± 0.05		APPR: RSILLER 2022/04/22		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION	
	1 PLACE ± 0.3		INITIAL REVISION:		1201080082				PSD	000	A	
	0 PLACES ± 0.5		DRWN: SSM 2022/03/29 APPR: RSILLER 2022/04/22									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	
						A3-SIZE	120108	SEE PART LIST		GENERAL MARKET		1 OF 1

molex

MIC 4P M/MP ULOCK 90/90 XM

PRODUCT CUSTOMER DRAWING

1201080082

DOC TYPE	DOC PART	REVISION
PSD	000	A

MATERIAL NUMBER	
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CUSTOMER

SHEET NUMBER

SEE PART LIST

GENERAL MARKET

1 OF 1

9

8

7

6

5

4

3

6

5

4

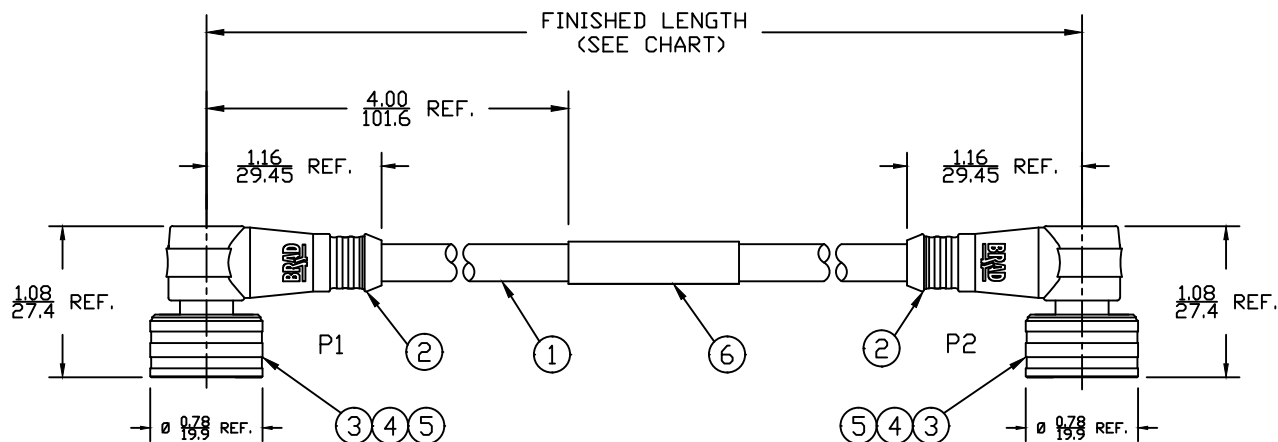
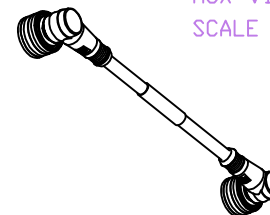
3

2

1

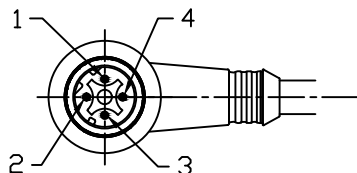
PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE
1201080082	EWWA06303M010	3' 3" +2.19"/-0" [1M +55.6/-0 mm]
1201080084	EWWA06303M050	16' 4" +6.5"/-0" [5M +165.0/-0 mm]
1201080085	EWWA06303M100	32' 10" +6.5"/-0" [10M +317.5/-0 mm]

(B)

AUX VIEW
SCALE 1:4

NOTES:

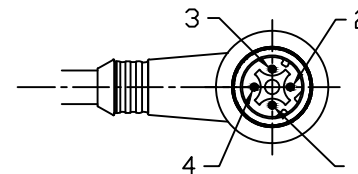
- 1) MATERIAL: SEE TABLE
- 2) FINISHES: SEE TABLE
- 3) CABLE: #24/4 UNSHIELDED PVC
- 4) ELECTRICAL DATA:
ACCORDING TO CAT5e ETHERNET STANDARD
MAX. VOLTAGE: 30V
MAX. CURRENT: 1.5A
- 5) ENVIRONMENTAL:
PROTECTION IP67
TEMPERATURE RANGE: -20°C TO 75°C
- 6) WRAP LABEL IS MARKED WITH P/N, DATE CODE,
VOLTAGE & AMPERAGE.
- 7) ASSEMBLY IS RoHS COMPLIANT.



MALE- FACE VIEW

P1		P2
1	ORANGE	1
2	BLUE	2
3	ORG/WHITE	3
4	BLUE/WHITE	4

WIRING DIAGRAM



MALE- FACE VIEW

6	1	LABEL	PLASTIC FILM	BLACK/YELLOW
5	2	INSERT	PUR	BLACK
4	8	PIN CONTACT	COPPER ALLOY	GOLD PLATED
3	2	M12 ULTRA-LOCK HEAD ASSY	BRASS	NICKEL
2	2	OVERMOLD	PUR	BLACK
1	1	ETHERNET CABLE-CAT5E	PVC JACKET	TEAL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

ADD P/N 1201080085	5/6/13
EC NO: IGC2013-1710	DRWN: RSTONE
CHKD: K JOZWIK	APPR: BWOODMAN
REV	DESCRIPTION

QUALITY
SYMBOLS
=0
=0GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±.005
2 PLACES	±---	±.010
1 PLACE	±---	±.020

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
IN/MM

DRAWN BY	DATE
VOU	2009/07/07
CHECKED BY	DATE
BWOODMAN	2009/07/31
APPROVED BY	DATE
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SCALE
3:4DESIGN UNITS
INCHTHIRD ANGLE
PROJECTIONTITLE
M12 ULOCK CABLE ASSY
4P M/MP 90/90 D-CODE
#24/4 UNSHIELDED PVC

MOLEX INCORPORATED

MATERIAL NO.
SEE CHARTDOCUMENT NO.
SD-120108-008SHEET NO.
1 OF 1

6

5

4

3

2

1