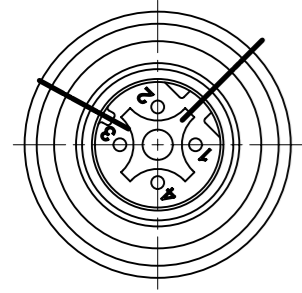


M12 4 POLE MALE



VIEW FROM THE FRONT SIDE

Pin	Wire color
1	WH/OG
2	WH/GN
3	OG
4	GN

PART No. MATRIX

**E W W A 0 6 3 1 5 M X X X**

E=ETHERNET

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

HEADS STYLE:  
063=MALE RA / MALE RA

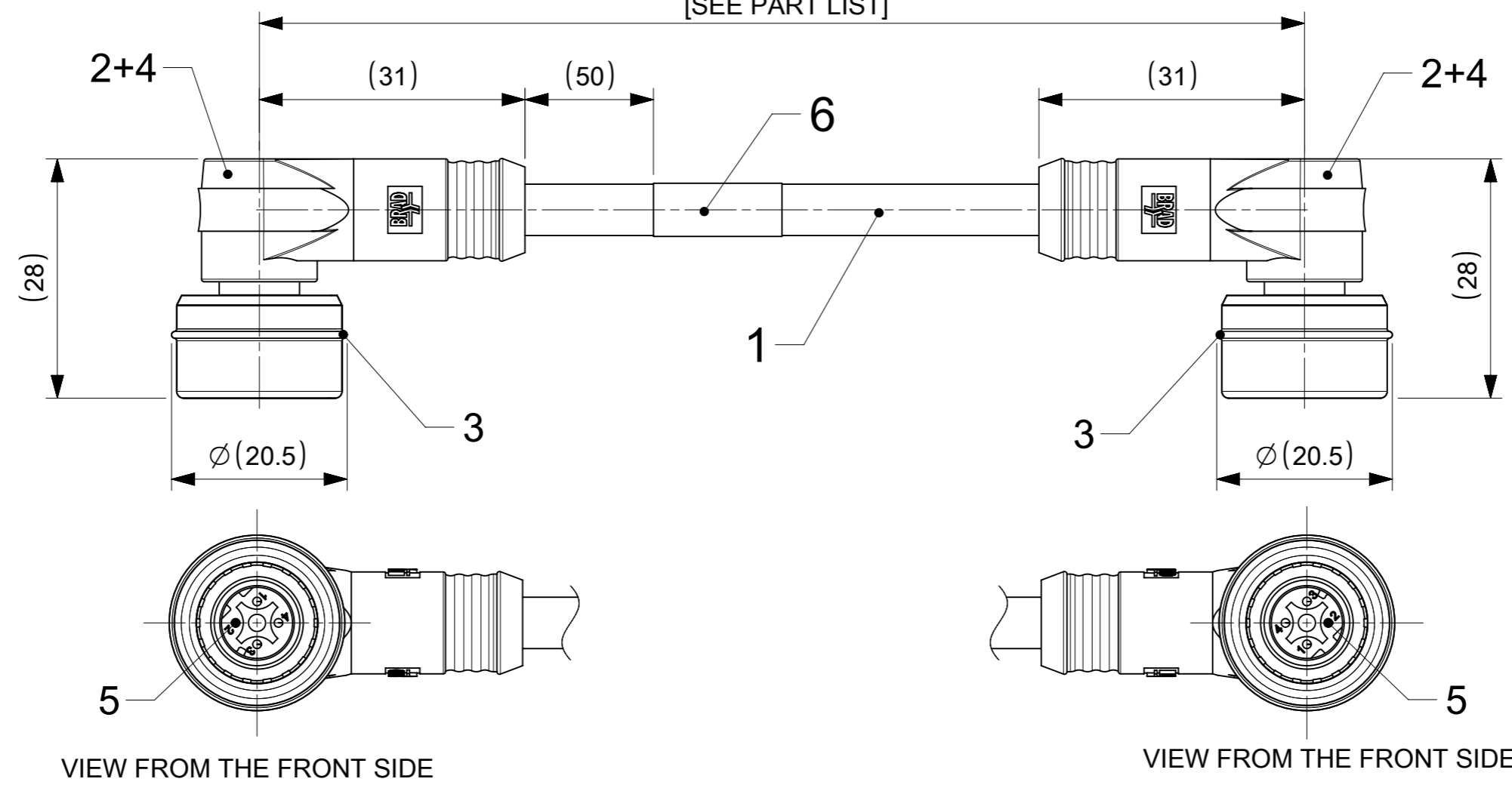
UNITS:  
M=METER  
T=10x METER

WIRING TYPE:  
A=4 Pole (STRAIGHT WIRED)

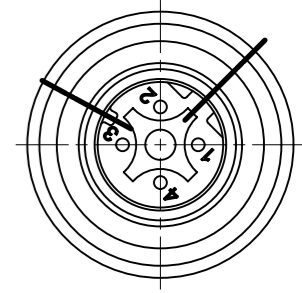
CABLE TYPE

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

L+Tol.  
[SEE PART LIST]



M12 4 POLE MALE



VIEW FROM THE FRONT SIDE

Pin	Wire color
1	WH/OG
2	WH/GN
3	OG
4	GN

PART LIST

MOLEX PN	ENGINEERING No	L+Tol. [mm]
1201080057	EWWA06315M006	600 +45
1201080058	EWWA06315M010	1000 +56
1201080059	EWWA06315M020	2000 +89

BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH / COLOR
6	1	WRAP LABEL	VINYL	YELLOW
5	8	CONTACT MALE	BRASS	GOLD OVER Ni-PLATED
4	2	SHIELD CLOSURE CAP-90	BRASS	Ni-PLATED
3	2	ULTRALOCK MALE ASSEMBLY	-	-
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE SHIELDED PVC CAT5E	PVC	TEAL

NOTES :

ACC. TO CAT5e ETHERNET STD.  
MAX. VOLTAGE : 30V  
MAX. CURRENT : 1.5A  
IP RATING : IP67  
TEMPERATURE RANGE : -20°C TO +75°C

FUNCTIONAL SYMBOLS ▽/A = 0 ▽/E = 0 ▽/V = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 3:2	CURRENT REV DESC:				
	DIMENSION UNITS mm	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 703538				
	ANGULAR TOL ± 1.0°	4 PLACES ±	DRWN: SSM	2022/03/29	<b>molex</b>		
	DIVISIONAL SYMBOLS	3 PLACES ±	CHK'D: RSILLER	2022/04/22			
2 PLACES ± 0.05	1 PLACE ± 0.3	APPR: RSILLER	2022/04/22	MIC 4P M/MP ULCK 90/90 XM			
0 PLACES ± 0.5	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	INITIAL REVISION:	PRODUCT CUSTOMER DRAWING				
THIRD ANGLE PROJECTION	DRAWING	DRWN: SSM	2022/03/29	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
A3-SIZE	SERIES	APPR: RSILLER	2022/04/22	1201080057	PSD	000	A
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER					
SEE PART LIST	GENERAL MARKET	1 OF 1					

6

5

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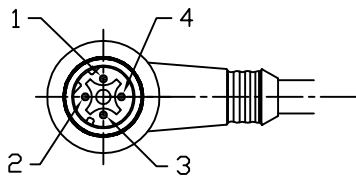
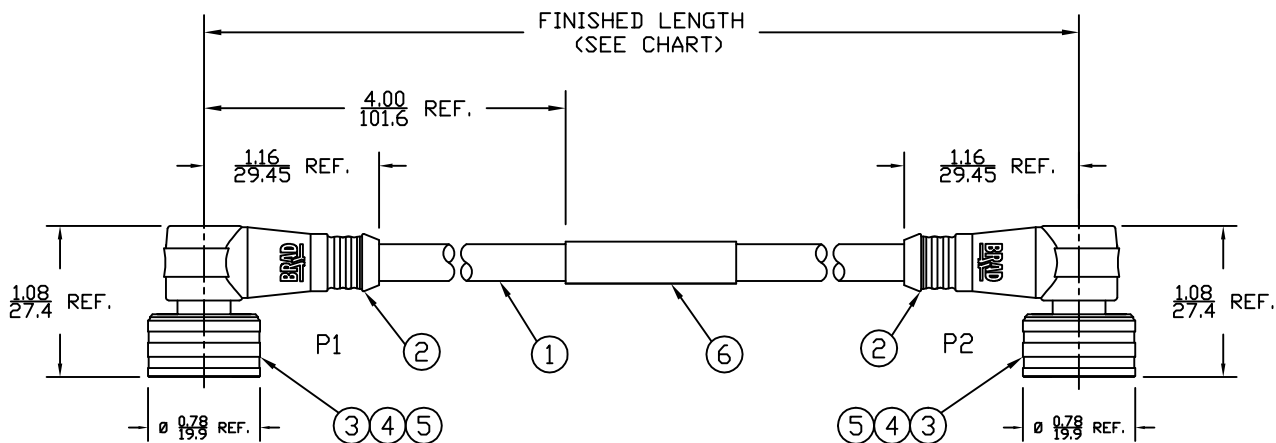
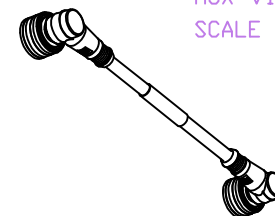
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PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE
1201080058	EWWA06315M010	3' 3" +2.19"/-0" [ 1M +55.6/-0 mm ]
1201080060	EWWA06315M050	16' 4" +6.5"/-0" [ 5M +165.0/-0 mm ]

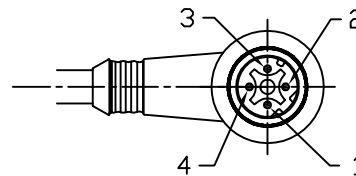
AUX VIEW  
SCALE 1:4



MALE- FACE VIEW

P1		P2	
1	WHITE/DRG	1	
2	WHITE/GRN	2	
3	ORANGE	3	
4	GREEN	4	

WIRING DIAGRAM



MALE- FACE VIEW

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISHES: SEE TABLE
- 3) CABLE: #26/4 SHIELDED 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.

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
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

SD RELEASE EC NO: WELU2010-0005 7/8/09 DRWN: VOU CHKD: BWOODMAN APPR: JFMURPHY 2009/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla C=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±----</td> <td>±----</td> </tr> <tr> <td>3 PLACES</td> <td>±----</td> <td>±.005</td> </tr> <tr> <td>2 PLACES</td> <td>±----</td> <td>±.010</td> </tr> <tr> <td>1 PLACE</td> <td>±----</td> <td>±.020</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±----	±----	3 PLACES	±----	±.005	2 PLACES	±----	±.010	1 PLACE	±----	±.020	IN/MM	3:4	INCH	
		mm	INCH																		
	4 PLACES	±----	±----																		
3 PLACES	±----	±.005																			
2 PLACES	±----	±.010																			
1 PLACE	±----	±.020																			
	ANGULAR ± 1/2°	DRAWN BY: VOU DATE: 2009/07/07 CHECKED BY: BWOODMAN DATE: 2009/07/31 APPROVED BY: --- DATE: ---	TITLE: M12 ULCK CABLE ASSY 4P M/MP 90/90 D-CODE #26/4 SHIELDED PVC																		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MOLEX INCORPORATED DOCUMENT NO. SD-120108-006		SHEET NO. 1 OF 1																

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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