

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

5

E	W	W	A	0	6	0	1	5	M	X	X	X
---	---	---	---	---	---	---	---	---	---	---	---	---

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

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

5

Technical drawing of a 2x4 cable assembly. The drawing shows a central cable (1) with a length of 50. The cable is connected to two 2x4 connectors (2+4) on either side. The distance from the center of the cable to the center of each connector is 46. The total length of the assembly is indicated as [SEE PART LIST]. The diameter of the cable is $\varnothing (20.5)$. The connectors have a diameter of $\varnothing (20.5)$. The connectors are labeled 3 and 2+4. The cable is labeled 1 and 6. The drawing includes dimension lines and arrows indicating the measurements.

MOLEX PN	ENGINEERING No	L+Tol. [mm]
1201080041	EWWA06015M006	600 +45
1201080042	EWWA06015M010	1000+56
1201080043	EWWA06015M020	2000 +89
1201080044	EWWA06015M050	5000+165
1201080045	EWWA06015M100	10000+317
1201080147	EWWA06015M030	300+19

TEMPERATURE RANGE : -20°C TO +75°C

6	1	WRAP LABEL	VINYL	YELLOW
5	8	CONTACT MALE	BRASS	GOLD OVER Ni-PLATED
4	2	SLEEVE SHEILD	BRASS	Ni-PLATED
3	2	ULTRALOCK MALE ASSEMBLY	-	-
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE 26-4 TEAL SHIELDED PVC CAT5E	PVC	TEAL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH / COLOR

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:			molex								
 = 0	mm		3:2													
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 703538 DRWN: SSM 2022/03/28 CHK'D: RSILLER 2022/04/22 APPR: RSILLER 2022/04/22			MIC 4P M/MP ULOCK ST/ST XM								
 = 0	ANGULAR TOL ± 1.0°															
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: SSM 2022/03/28 APPR: RSILLER 2022/04/22			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 1201080041			DOC TYPE PSD		DOC PART 000		REVISION A	
	3 PLACES		±													
	2 PLACES		± 0.05													
	1 PLACE		± 0.3													
	0 PLACES		± 0.5													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 120108		MATERIAL NUMBER SEE PART LIST		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1		

FORMAT: master tb mod-A3

6

5

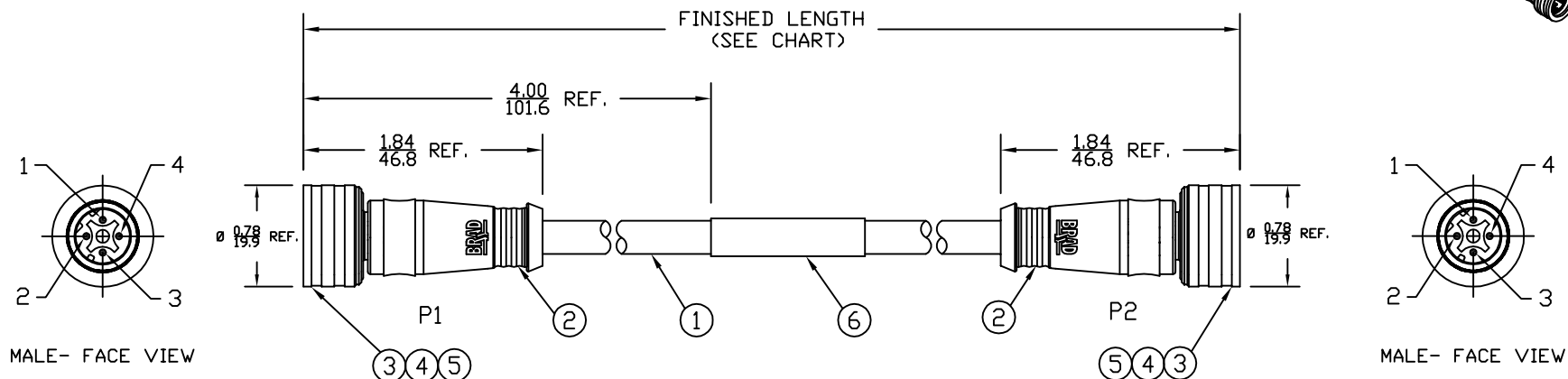
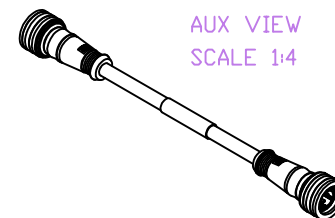
4

3

2

1

PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE
1201080042	EWWA06015M010	3' 3" +2.19"/-0" [1M +55.6/-0 mm]
1201080044	EWWA06015M050	16' 4" +6.5"/-0" [5M +165.0/-0 mm]



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

WIRING DIAGRAM

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.

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

SD RELEASE EC NO: WEU2010-0005 7/6/09 DRWN: VOU CHKD: BWOODMAN APPR: JFMURPHY 2009/07/20		DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 3:4	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY VOU	DATE 2009/07/06	TITLE M12 ULOCK CABLE ASSY 4P M/MP ST/ST D-CODE #26/4 SHIELDED PVC			
				4 PLACES	±----	±----	CHECKED BY BWOODMAN	DATE 2009/07/31				
				3 PLACES	±----	±.005	APPROVED BY ---		DATE ---		 MOLEX INCORPORATED	
				2 PLACES	±----	±.010						
				1 PLACE	±----	±.020						
				ANGULAR ±1/2°			MATERIAL NO. SEE CHART		DOCUMENT NO. SD-120108-004		SHEET NO. 1 OF 1	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				1		REV						