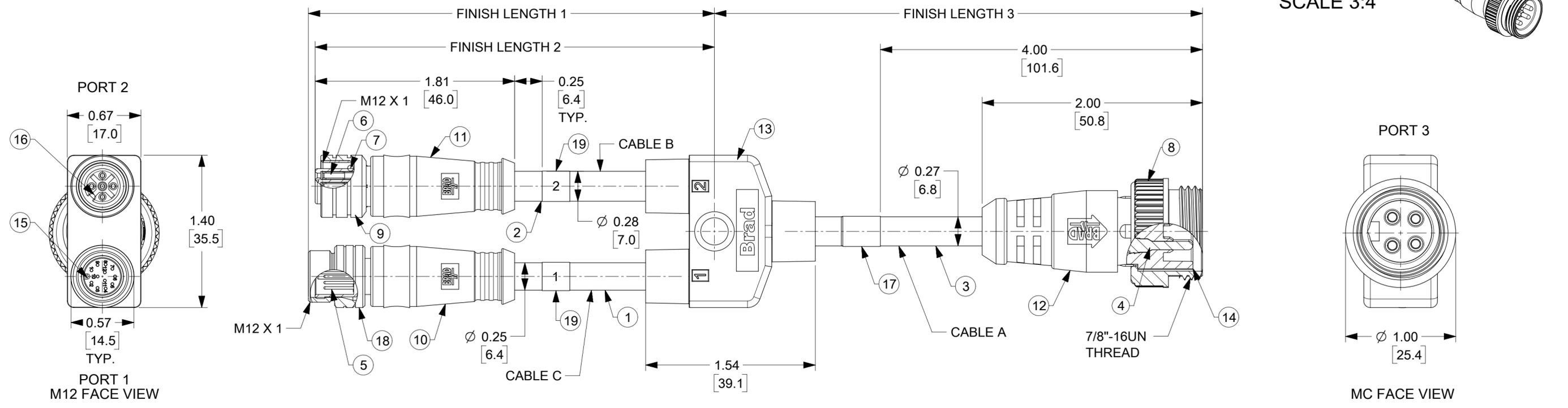
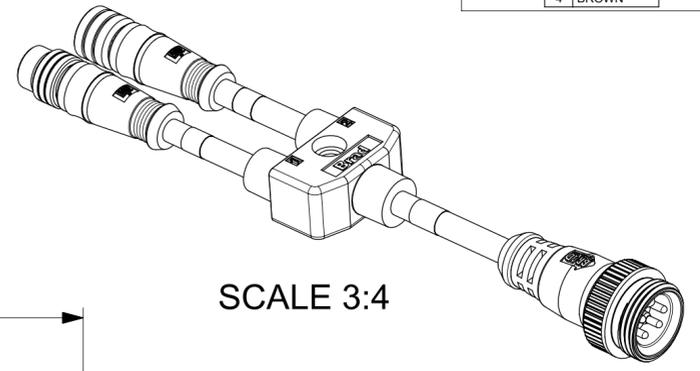
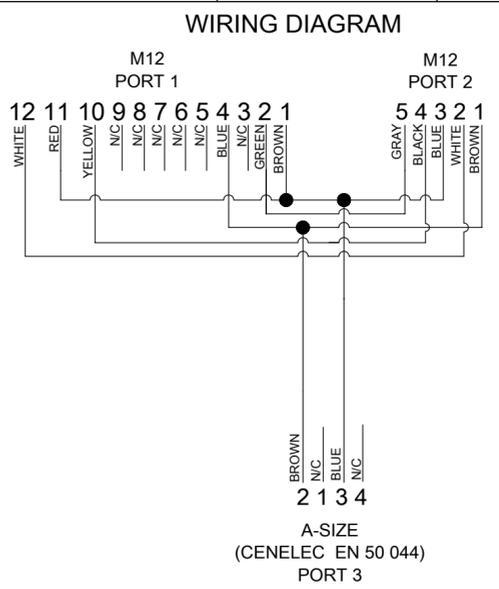
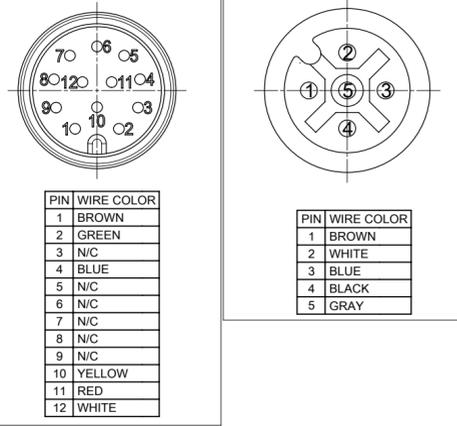
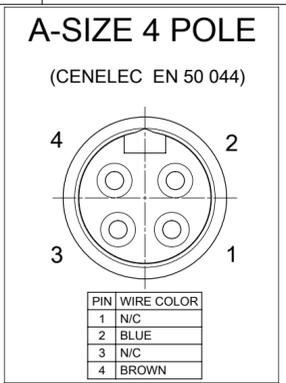


M12 12 POLE **M12 5 POLE**

MOLEX#	FINISH LENGTH 1	FINISH LENGTH 2	FINISH LENGTH 3
1200680351	6 FT 6 IN (2.0M)	6 FT 6 IN (2.0M)	3 FT 3 IN (1.0M)

TOLERANCE CHART					
FINISH LENGTH [FT]		TOLERANCE [IN]	FINISH LENGTH [M]		TOLERANCE [mm]
OVER	UNDER		OVER	UNDER	
0.00	.167	N/A	0.0	0.05	NA
.167	.500	+ .63 -0	0.05	0.15	+16 -0
.500	1.00	+ .75 -0	0.15	0.3	+19 -0
1.00	3.00	+1.75 -0	0.3	0.9	+44.5 -0
3.00	6.00	+2.19 -0	0.9	1.8	+55.6 -0
6.00	12.00	+3.50 -0	1.8	3.7	+88.8 -0
12.00	24.00	+6.50 -0	3.7	7.3	+165.1 -0
24.00	48.00	+12.50 -0	7.3	21.9	+317.5 -0
48.00	96.00	+24.50 -0	21.9	29.3	+622.3 -0
96.00	~	+2.00% -0	29.3	~	+2% OF FIN LGTH



BILL OF MATERIAL

ITEM	DESCRIPTION	MATERIAL	FINISH
19	I.D. MARKER	VINYL	WHITE
18	M12 MALE COUPLER	BRASS	NICKEL PLATED
17	WRAP LABEL	VINYL	BLACK/YELLOW
16	M12 5P FEMALE INSERT	TPU	BLACK
15	M12 12P MALE INSERT	NYLON	BLACK
14	MC 4P MALE INSERT	TPE	BLACK
13	SPLITTER BODY OVERMOLD	TPC	BLACK
12	MC 4P OVERMOLD	TPE	BLACK
11	M12 5P OVERMOLD	TPC	BLACK
10	M12 12P OVERMOLD	TPC	BLACK
9	M12 FEMALE COUPLER	BRASS	NICKEL PLATED
8	MC MALE COUPLER	ZINC DIE CAST	BLACK
7	M12 O-RING	VITON	RED
6	M12 5P SOCKET CONTACT	COPPER ALLOY	GOLD PLATED
5	M12 12P PIN CONTACT	COPPER ALLOY	GOLD PLATED
4	MC MALE PIN CONTACT	COPPER ALLOY	GOLD PLATED
3	MC 4P PORT3 CABLE #18/4 AWG	TPE	YELLOW
2	M12 5P PORT2 CABLE #18/5 AWG	TPE	YELLOW
1	M12 12P PORT1 CABLE #24/8 AWG	TPU	BLACK
ITEM	DESCRIPTION	MATERIAL	FINISH

- NOTES:**
1. MATERIAL: SEE TABLE
 2. FINISH: SEE TABLE
 3. ELECTRICAL:
VOLTAGE: 30V
AMPERAGE: 2A
 4. OPERATING TEMPERATURE: -20°C TO +90°C
 5. CSA CERTIFIED FILE: LR6837
 6. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: CHANGED FROM MOLEX INTERNAL TO GENERAL MARKET	
	DIMENSION UNITS	SCALE		
FA = 0	INCH/MM	3:2		
E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
	ANGULAR TOL	±	°	
DIVISIONAL SYMBOLS	4 PLACES	±		
	3 PLACES	±		
	2 PLACES	±		
	1 PLACE	±		
0 PLACES	±			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			C-SIZE	120068
DOCUMENT STATUS		RELEASE DATE	2024/07/31	10:03:39
P1		2024/07/31	10:03:39	
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1200680351		PSD	000	E1
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER	
SEE TABLE		GENERAL MARKET	1 OF 1	