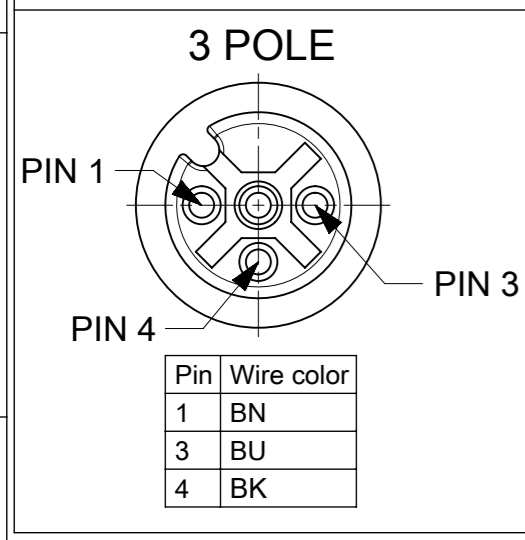
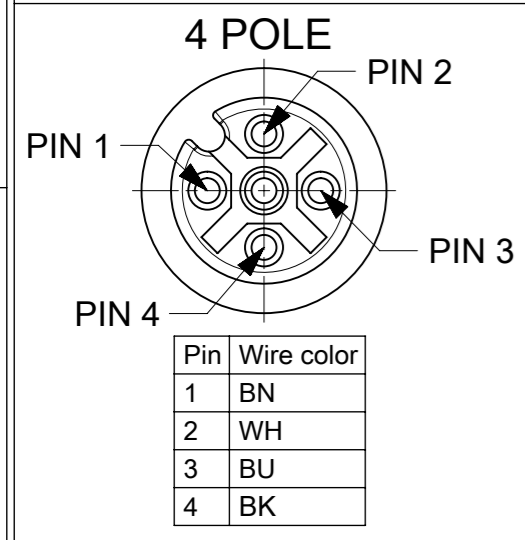


M12 FEMALE
VIEW FROM THE FRONT SIDE

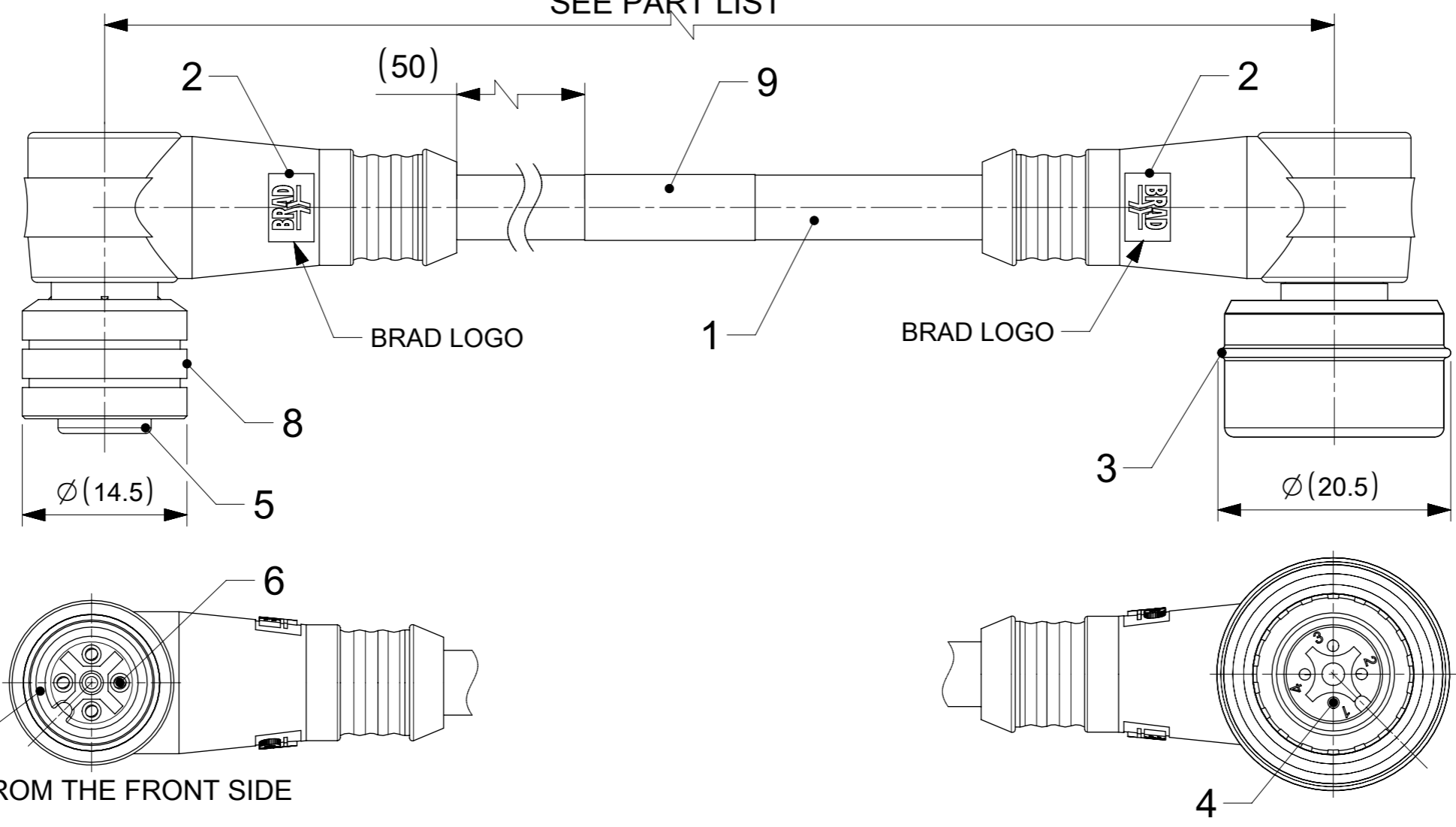


VIEW FROM THE FRONT SIDE

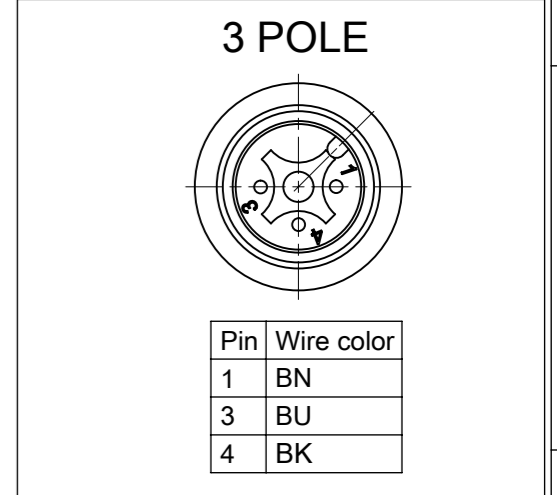
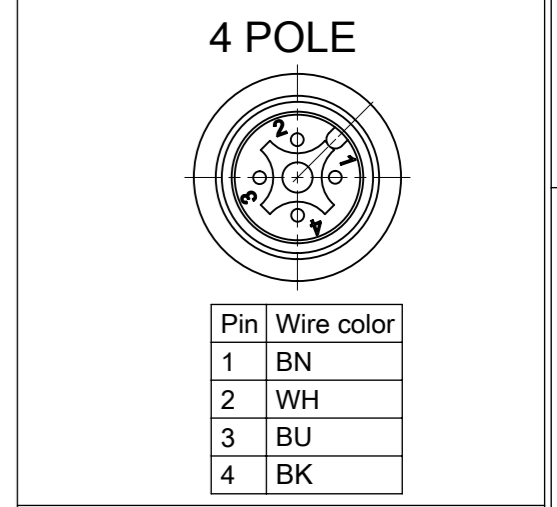
PART NO MATRIX

8	W	X	A	3	0	P	0	3	M	*	*	*
---	---	---	---	---	---	---	---	---	---	---	---	---

8W = M12xM12U DOUBLE ENDED
 POLES: 3 = 3 POLES, 4 = 4 POLES
 HEADER: A31 = FEMALE 90° - MALE 90°
 CABLE TYPE
 UNIT: M = METER
 LENGTH: EXAMPLE: 010 = 1 m, 050 = 5 m, 100 = 10 m



M12U MALE
VIEWS FROM THE FRONT SIDE



VIEW FROM THE FRONT SIDE

CABLE LIST

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS
P03	3/4	0.34mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.

BOM

ITEM	QTY	DESCRIPTION	MATERIAL	COLOR/FINISH
9	1	LABEL	VINYL	YELLOW
8	1	COUPLING NUT FEMALE	BRASS	Ni-PLATED
7	1	GASKET	FPM	RED
6	3/4	FEMALE CONTACT	BRASS	Au OVER Ni-PLATED
5	1	INSERT FEMALE 3/4 POLE	TPU	BLACK
4	3/4	MALE CONTACT	BRASS	Au OVER Ni-PLATED
3	1	ULTRALOCK MALE 3/4 POLE ASSEMBLY	-	-
2	-	OVERMOULD	TPU	BLACK
1	-	CABLE	PVC/PUR	BLACK

PART LIST

MOLEX P/N	ENG No.	L+Tol.[mm]
1200808011	8W4033P03M020	2000+56
1200808023	8W3033P03M100	10000+317

NOTES:
 CURRENT RATING: 3/4 CONTACTS 4A
 VOLTAGE RATING: 3/4 CONTACTS 250V
 PROTECTION CLASS: IP 67/68/69K
 TEMPERATURE: -25°C / +85°C

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:		molex
	DIMENSION UNITS: mm SCALE: 2:1 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5	EC NO: 703538 DRWN: SSM CHK'D: RSILLER APPR: RSILLER INITIAL REVISION: DRWN: SSM APPR: RSILLER	2022/03/23 2022/04/22 2022/04/22 2022/03/23 2022/04/22	
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 120080
DOCUMENT NUMBER: 1200808011		DOC TYPE: PSD	DOC PART: 000	REVISION: A
MATERIAL NUMBER: SEE PART LIST		CUSTOMER: GENERAL MARKET	SHEET NUMBER: 1 OF 1	