

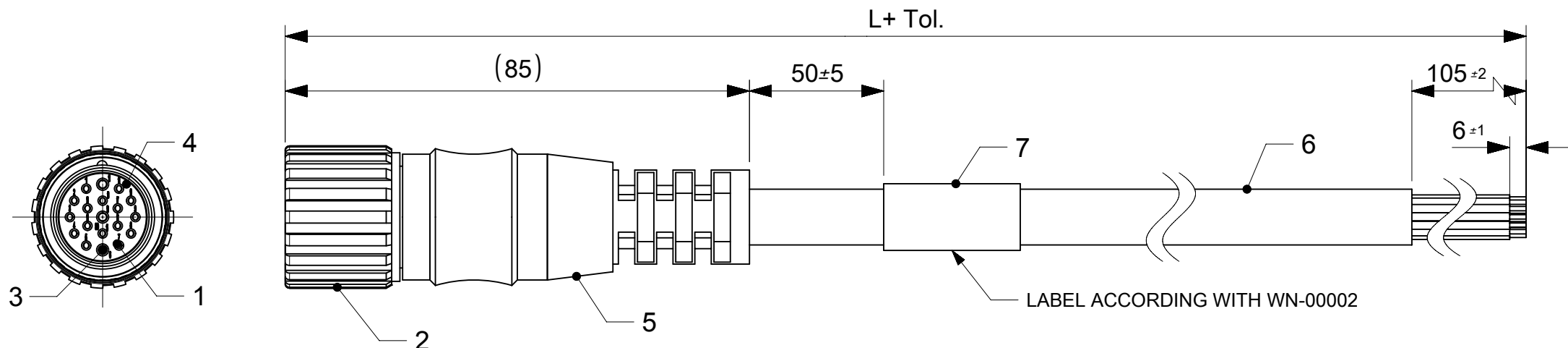
A

AA

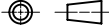
- NUMBER OF POSITIONS :6
- VOLTAGE : 63V AC/DV
- CURRENT : 6 A
- PROTECTION : IP67(CONNECTED)
- TEMPERATURE RANGE (FIXED) - -25° TO +90°

K	0	3	0	0	0	*	*	*	M	*	*	*	*
Header: 000- Female Straight						Cable type			Unit: M = meter	Length: Example: 010= 1 m 050= 5 m 100= 10 m			Overmould: Blank= BK A = GY G = BK Y = YE

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
E80	19	0.34mm²/0.75mm²	PVC YELLOW	-	-	-25°C to +70°C, >10xO.D.	-5°C to +70°C, >15xO.D.	1 000 000 cycles, Velocity : 120m/min	NO
P80	19	0.34mm²/0.75mm²	PUR BLACK	-	-	-40°C to +90°C, >7.5xO.D.	-15°C to +90°C, >12.5xO.D.	1 500 000 cycles, Velocity : 120m/min	NO
I81	19	0.34mm²/0.75mm²	PVC GREY	-	-	-25°C to +70°C, >10xO.D.	-5°C to +70°C, >15xO.D.	1 000 000 cycles, Velocity : 120m/min	YES

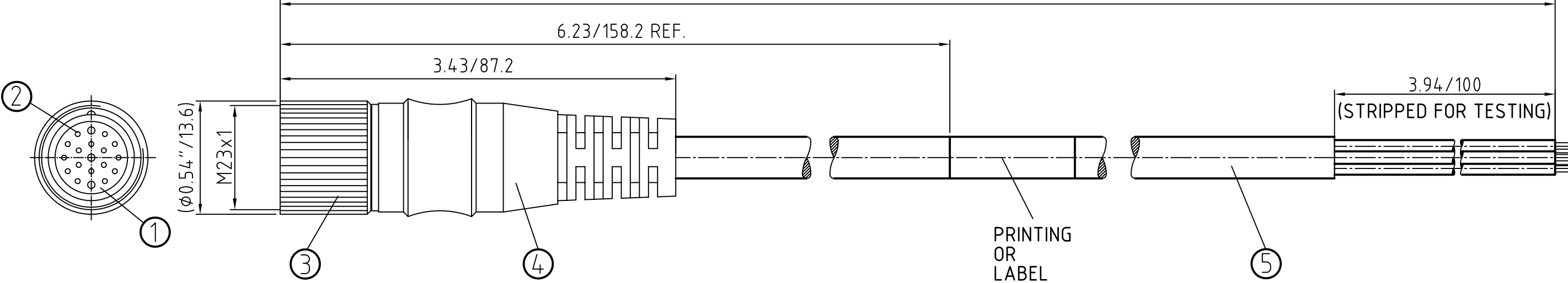


ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
1	16	CONTACT FEMALE	CuSn6	GOLD OVER NICKEL PLATED
2	1	M23 FEMALE COUPLING NUT	BRASS	Ni- PLATED
3	3	FEMALE CONTACT (HARD SHELL)	BRASS	SELECTIVE Au OVER Ni
4	1	19P-INSERT/SHELL ASSEMBLY	-	-
5	-	MOULDING MATERIAL	SEE MATRIX	SEE MATRIX
6	-	CABLE	-	-
7	1	LABEL	VINYL	YELLOW

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	= 0	DIMENSION UNITS	SCALE	CURRENT REV DESC:											
		mm	1:1												
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)						M23 19P FE ST XM PUR							
		= 0	ANGULAR TOL ± °												
	= 0		4 PLACES									±	EC NO: 606186 DRWN: MMATLA 2018/10/10 CHK'D: DSTACHOWIAK 2018/10/22 APPR: DSTACHOWIAK 2018/10/22		
		= 0	3 PLACES									±			
	= 0		2 PLACES									±			
		= 0	1 PLACE	±	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
	= 0		0 PLACES	±								DRWN: MMATLA 2018/10/10 APPR: DSTACHOWIAK 2018/10/22		1200945003	
		= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER				
	= 0						A3-SIZE		120094		SEE PART LIST				1 OF 2

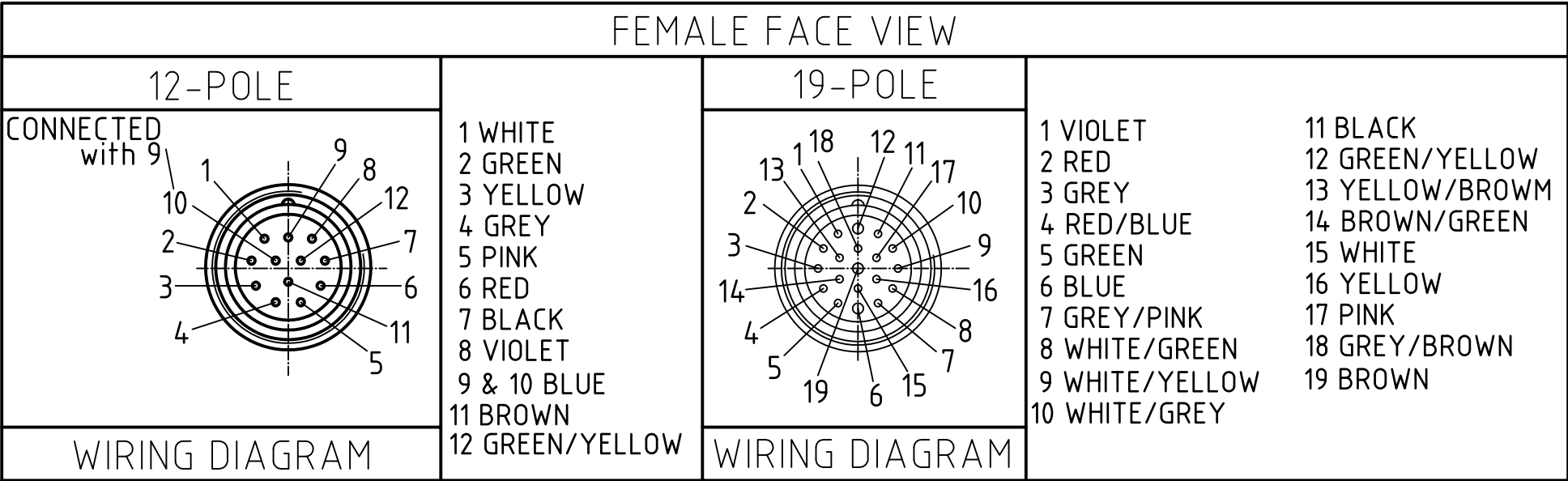
FORMAT: master-lib-mod-A3
REVISION: H
DATE: 2018/01/13

FINISHED LENGTH (SEE TABLE)



POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
12	1200945021	K02100P80M050	16.40' +6.50" -0 [5.0M +165.1 -0]
12	1200945022	K02100P80M100	32.81' +12.50" -0 [10.0M +317.5 -0]

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
19	1200945026	K03000P80M050	16.40' +6.50" -0 [5.0M +165.1 -0]
19	1200945003	K03000P80M100	32.81' +12.50" -0 [10.0M +317.5 -0]



CONNECTOR SPECIFICATION:

VOLTAGE RATING	63V AC/DC
AMPERAGE RATING	6 AMPS
PROTECTION CLASS	IP67
OPERATING TEMPERATURE	-25°C TO 90°C
UL CERTIFICATIONS	NOT APPLICABLE
CSA CERTIFICATIONS	NOT APPLICABLE

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	POLYURETHANE (PUR)	BLACK
2	CONTACT MATERIAL	COPPER ALLOY	GOLD OVER NICKEL
3	COUPLING NUT	BRASS	NICKEL PLATED
4	OVERMOLD	TPU	BLACK
5	CABLE 3x0.75 ² /18 AWG CABLE 16x0.34 ² /22 AWG	JACKET: PUR	JACKET: BLACK

DESCRIPTION EC NO: WEU2010-0281 DRWN: BBRAUCH 2010/01/20 CHKD: RE APPR: NSTAUDIG 2010/01/25	QUALITY SYMBOLS ▽ = 0 ⌠ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				DRAWN BY BBRAUCH	DATE 2010/01/20	M23 19P FEMALE STR BLACK PUR/PVC ----				
				CHECKED BY RE	DATE 2010/01/21					
				APPROVED BY NSTAUDIG	DATE 2010/01/22	MOLEX INCORPORATED				
				MATERIAL NO.	SEE TABLE					
				DOCUMENT NO.	SD-120094-003					SHEET NO. 1 OF 1
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		1	REV							