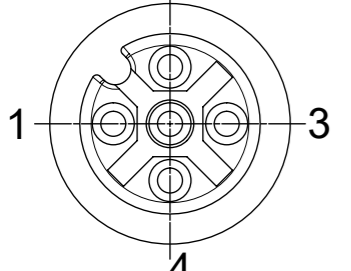


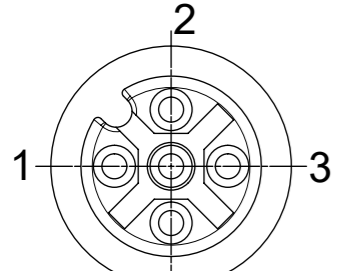
M12 FEMALE
VIEWS FROM THE FRONT SIDE

3 POLE



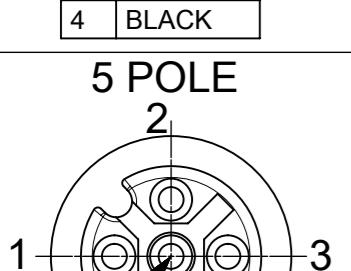
Pin	Wire color
1	BROWN
3	BLUE
4	BLACK

4 POLE

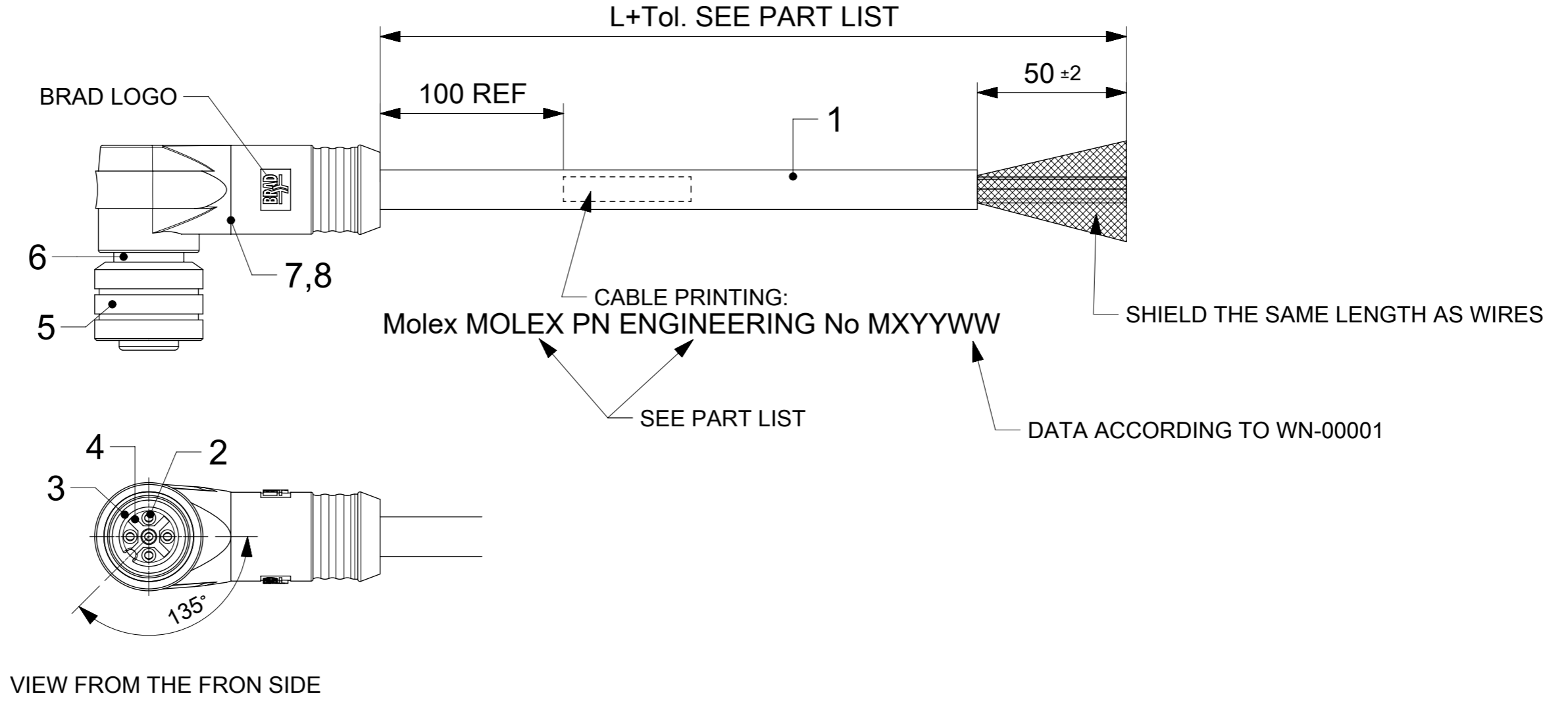


Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK

5 POLE


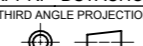


Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY



SHIELD CONNECTED TO THE COUPLING NUT

NOTE:
1. BOM, MATRIX & PART LIST - SEE SHEET 2

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: ADDED NEW PN									
	<table border="1"> <tr> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>mm</td> <td>2:1</td> </tr> </table>	DIMENSION UNITS	SCALE				mm	2:1	GENERAL TOLERANCES (UNLESS SPECIFIED)		CSE M12 XP AC FE RA XM SE
DIMENSION UNITS	SCALE										
mm	2:1										
<table border="1"> <tr> <th>ANGULAR TOL</th> <th>±</th> <th>'</th> </tr> <tr> <td>4 PLACES</td> <td>±</td> <td>'</td> </tr> </table>	ANGULAR TOL	±	'	4 PLACES	±	'	EC NO: 669246		INITIAL REVISION:		
ANGULAR TOL	±	'									
4 PLACES	±	'									
DIVISIONAL SYMBOLS	3 PLACES ±		DRWN: PDZIECIOL		2021/07/05						
	2 PLACES ±		CHK'D: MKOWALCZYK01		2021/07/05						
	1 PLACE ±		APPR: DSTACHOWIAK		2021/07/06						
	0 PLACES ±		DRWN: ASZELAG		2020/05/13						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: DSTACHOWIAK		2020/05/20						
THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER					
		A3-SIZE	120069	SEE SHEET 2	GENERAL MARKET	1 OF 2					

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/06	11:33:20
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PART NO MATRIX

0 8 1 1 - 0 X 2 K F - X X X 0 0

M12 SHIELDED

POLES:
3 = 3 POLES
4 = 4 POLES
5 = 5 POLES

HEADER:
2 = 90°
RIGHT ANGLED

FEMALE CONNECTOR

LENGTH EXAMPLE:
01 = 1 m
05 = 5 m
10 = 10 m
15 = 15 m
90 = 1.5 m
91 = 0.6 m
92 = 0.3 m
93 = 2.5 m
94 = 3.5 m
95 = 7.5 m

TYPE OF CABLE:
5 = PVC SHIELDED
6 = PUR SHIELDED

TABLE 1

MOLEX PN	CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET
1202090192	6	5	0.25mm ²	PUR BLACK
1202090193	6	4	0.25mm ²	PUR BLACK
1202090195	6	5	0.25mm ²	PUR BLACK
1202090197	6	8	0.25mm ²	PUR BLACK
1202090206	5	5	0.25mm ²	PVC BLACK

PART LIST

No.	Part No.	Engineering No.	L+Tol. [mm]
1	1200695234	0811 032KF 05600	5000 +60
2	1200695235	0811 032KF 10600	10000 +80
3	1200695266	0811 042KF 02500	2000 +60
4	1200695267	0811 042KF 02600	2000 +60
5	1200695270	0811 042KF 05600	5000 +60
6	1200695274	0811 042KF 10600	10000 +80
7	1200695276	0811 042KF 15500	15000 +140
8	1200695277	0811 042KF 15600	15000 +140
9	1200695317	0811 052KF 02500	2000 +60
10	1200695318	0811 052KF 02600	2000 +60
11	1200695320	0811 052KF 05500	5000 +60
12	1200695321	0811 052KF 05600	5000 +60
13	1200695322	0811 052KF 10500	10000 +80
14	1200695323	0811 052KF 10600	10000 +80
15	1200695324	0811 052KF 20600	20000 +140
16	1200695325	0811 052KF 30600	30000 +160
17	1200695412	0811 082KF 02600	2000 +60
18	1200695416	0811 082KF 05600	5000 +60
19	1200698455	0811 032KF 15600	15000 +140
20	1200698471	0811 032KF 30600	30000 +160
21	1200699779	0811 032KF 20600	20000 +140

BOM

ITEM	QTY	DESCRIPTION
9	-	TAPE;0.165MMx9MM;WH;GLASS CLOT;HIGH TEMP
8	-	TPU NATURAL C98A10 MASTERBATCH COLORANT BLACK
7	1	M12-CLOSURE CAP-90 SHIELDED
6	1	M12-FRONT FE HSG-(90° SHIELDED);rev.3
5	1	NUT M12 BRA FE KNU NI
4	1	M12S Insert Fem 3P W/O sprue MMC-4P-FE MOULD INSERT-SHIELD MMC-5P-FE MOULD INSERT-SHIELD M12-8P-FE-MOULD INSERT-SHIELD
3	1	GASKET OR FPM 7.1X1.35 RD 60 M12
2	3/4/5 8	FEMALE CONTACT
1	1	CABLE

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: 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ±	EC NO: 669246 DRWN: PDZIECIOL 2021/07/05 CHK'D: MKOWALCZYK01 2021/07/05 APPR: DSTACHOWIAK 2021/07/06	PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 1200695318 DOC TYPE: PSD DOC PART: 00P REVISION: A1	
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING: A3-SIZE SERIES: 120069 MATERIAL NUMBER: SEE PART LIST CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 2			