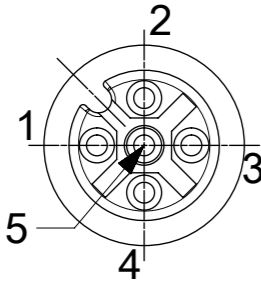
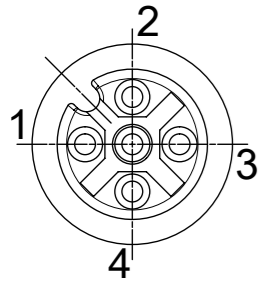


FACE VIEWS

M12 FEMALE

4 POLE

5 POLE



Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK

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

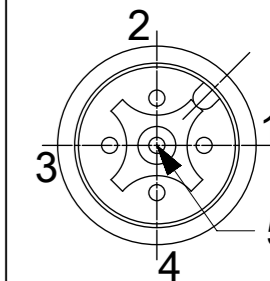
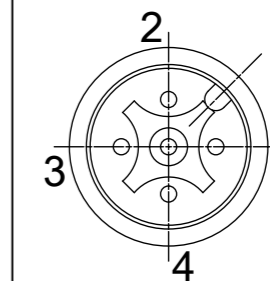
SHIELD CONNECTED TO THE COUPLING NUT

FACE VIEWS

M12 MALE

4 POLE

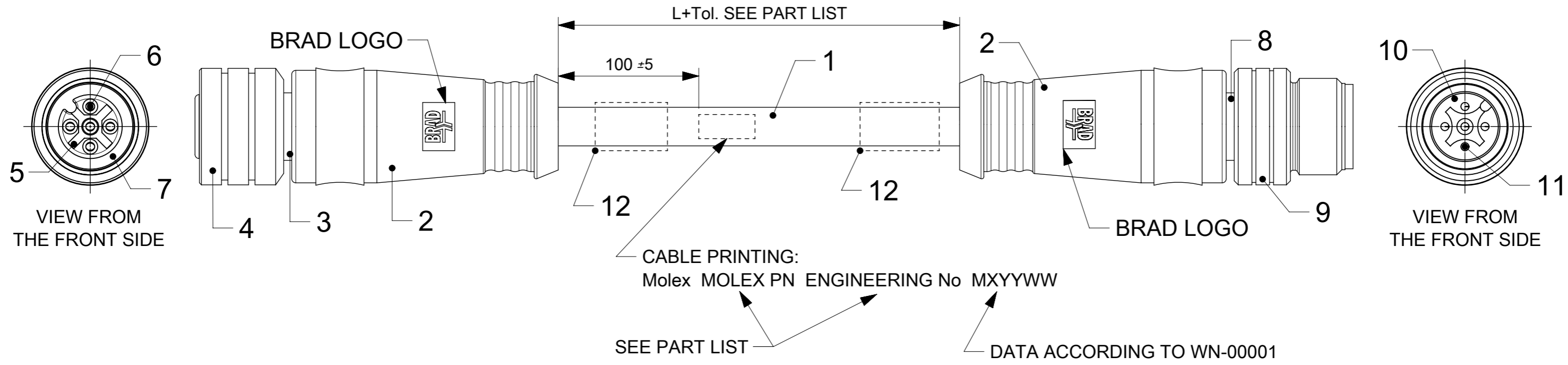
5 POLE



Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK

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

SHIELD CONNECTED TO THE COUPLING NUT



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

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: mm SCALE: 2:1	CURRENT REV DESC: molex	
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °	EC NO: 638297 DRWN: ASZELAG 2020/05/25 CHK'D: DSTACHOWIAK 2020/05/27 APPR: DSTACHOWIAK 2020/05/27	CSE M12 XP AC FE STR MA STR XM SH
	DIVISIONAL SYMBOLS 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ±	INITIAL REVISION: DRWN: AKONDRACIUK 2016/06/08 APPR: MIWASIECZKO 2016/07/29	PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 1200695328 DOC TYPE: PSD DOC PART: 00P REVISION: A1
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION	DRAWING: A3-SIZE SERIES: 120069	MATERIAL NUMBER: SEE SHEET 2 CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2

PART NO MATRIX

0 8 1 1 0 X A M F X X X 0 0

M12 WITH CABLE SHIELD

NUMBER OF POLES:
04 = 4 POLES
05 = 5 POLES

TYPE OF CONNECTOR:
A = FEMALE STR - MALE STR

FEMALE + MALE

LENGTH:
EXAMPLE:
010 = 1 m
100 = 10 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 SH
6 = PUR SH



PART LSIT

MOLEX PN	ENGINEERING No	L[mm]
1200695328	0811 05AMF 01500	1000
1200695331	0811 05AMF 02600	2000
1200695332	0811 05AMF 05500	5000
1200695339	0811 05AMF 10500	10000
1200695342	0811 05AMF 15500	15000
1200695346	0811 05AMF 20500	20000
1200695356	0811 05AMF 93500	2500
1200698167	0811 05AMF 05600	5000
1200698435	0811 05AMF 01600	1000
1200695287	0811 04AMF 08600	8000
1200695286	0811 04AMF 06600	6000
1200695293	0811 04AMF 91600	600
1200695353	0811 05AMF 91600	600

Over	Up to and including	Tolerance (+)
0	1000	+20 -10
1000	5000	±25
5000	10000	±30
10000	20000	±30
20000	30000	±50
30000	>	±60

BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
12	2	ID CARRIER	PVC	-
11	4/5	CONTACT MALE	BRASS	GOLD OVER Ni-PLATED
10	1	INSERT MALE XP SEE MATRIX	PUR	BLACK
9	1	COUPLING NUT MALE	BRASS	Ni-PLATED
8	1	SLEEVE MALE	BRASS	Ni-PLATED
7	1	GASKET	FPM	RED
6	4/5	CONTACT FEMALE	BRONZE	GOLD OVER Ni-PLATED
5	1	INSERT FEMALE XP SEE MATRIX	PUR	BLACK
4	1	COUPLING NUT FEMALE	BRASS	Ni-PLATED
3	1	SLEEVE FEMALE	BRASS	Ni-PLATED
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE	SEE MATRIX	-

FUNCTIONAL SYMBOLS $\nabla/A = 0$ $\nabla/E = 0$ $\nabla/E/ = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 1:1	 CSE M12 XP AC FE STR MA STR XM SH							
	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± °				EC NO: 638297	2020/05/25			
	DIVISIONAL SYMBOLS	4 PLACES ±	3 PLACES ±	2020/05/27	2020/05/27					
	2 PLACES ±	1 PLACE ±	0 PLACES ±	INITIAL REVISION:	DRWN: AKONDRACIUK 2016/06/08					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
			A3-SIZE	120069	SEE PART LIST	GENERAL MARKET	1200695328	PSD	00P	A1
										SHEET NUMBER 2 OF 2