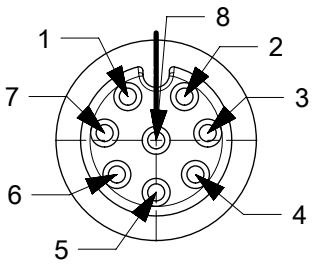


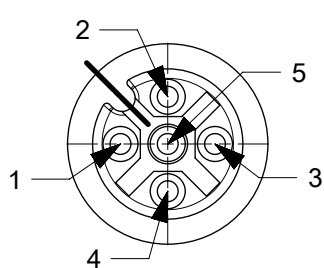
VIEWS FROM THE FRONT SIDE
 FEMALE

8 POLE



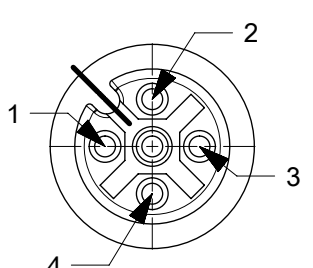
Pin	Wire color
1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD

5 POLE



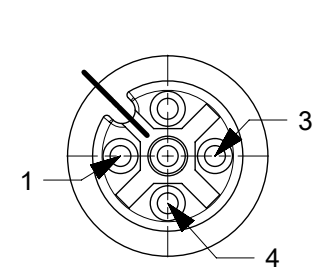
Pin	Wire color
1	BN
2	WH
3	BU
4	BK
5	GY OR GN/YE

4 POLE

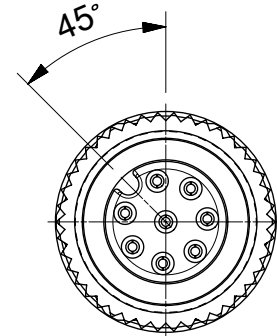
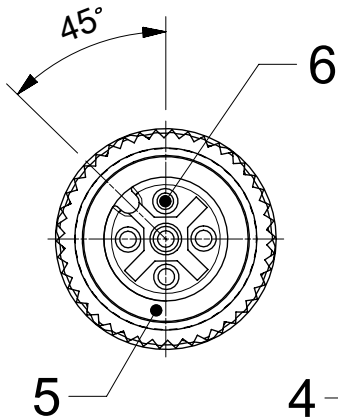


Pin	Wire color
1	BN
2	WH
3	BU
4	BK

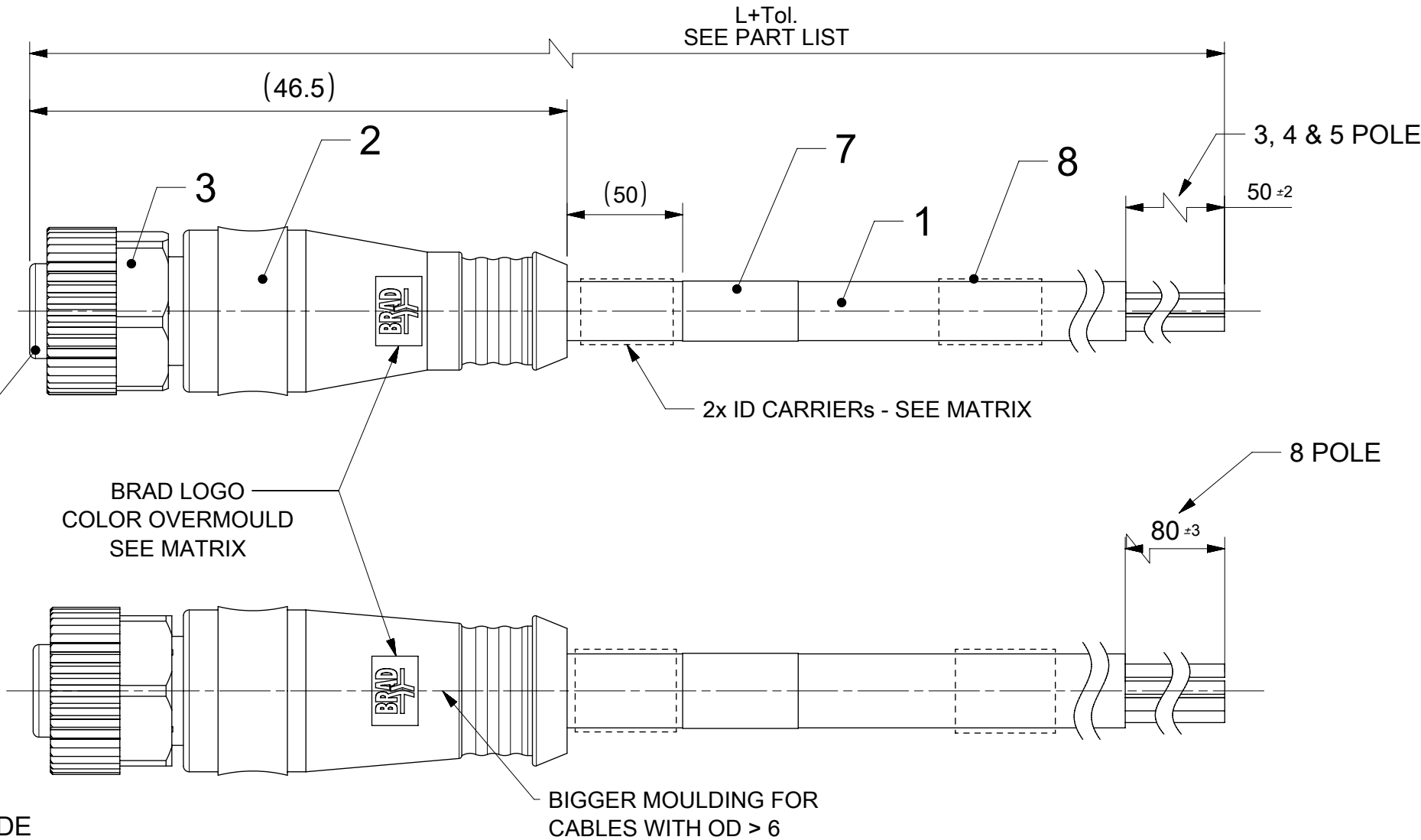
3 POLE



Pin	Wire color
1	BN
3	BU
4	BK



VIEWS FROM THE FRONT SIDE



NOTES:

TEMPERATURE RANGE : SEE CABLE LIST
 RATED VOLTAGE: 3, 4 contacts : 250V
 5 contacts : 60V
 8 contacts : 30V
 RATED CURRENT: 3, 4, 5 contacts : 4A
 8 contacts : 2A

INSULATION RESISTANCE: 10⁸ Ω MIN.
 MATING CYCLES: MIN. 100
 ENVIRONMENTAL:PROTECTION: IP67 IN MATED AND LOCKED POSITION

BILL OF MATERIAL

8	0/2	I/D CARRIER	-	-
7	1	LABEL	VINYL	YELLOW
6	3/4/5/8	CONTACTS	BRASS	GOLD OVER Ni-PLATED
5	1	GASKET	FPM	RED
4	1	FEMALE INSERT	PUR	BLACK
3	1	COUPLING NUT	BRASS	Ni-PLATED
2	-	OVERMOULD	TPU	BLACK
1	-	CABLE	SEE CABLE LIST	SEE CABLE LIST
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR

INSULATION RESISTANCE: 10⁸ Ω MIN.
 MATING CYCLES: MIN. 100
 ENVIRONMENTAL:PROTECTION: IP67 IN MATED AND LOCKED POSITION

Functional symbols table, MoLEX logo, product information (CSE M12 XP AC FE STR WSOR XM SE UNSH BK), revision history, and document control details.

8 0 X 0 0 0 B X X X X X X X X

POLES:
3 = 3 POLES
4 = 4 POLES
5 = 5 POLES
8 = 8 POLES

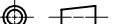
CABLE:
 B30 = 0,34mm², TPU BLACK
 B33 = 0,34mm², TPU GREY
 B36 = 0,34mm², TPU ORANGE
 B39 = 0,75mm², TPU BLACK
 B41 = 0,25mm², TPU BLACK
 B42 = 0,34mm², TPU BLACK
 B49 = 0,25mm², TPU ORANGE
 B55 = 0,34mm², TPU YELLOW

LENGTH:
EXAMPLE:
010 = 1 m
050 = 5 m
100 = 10 m

CABLE LIST

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL 21215	CSA	ISO6722	ISO14572	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	OTHER
B30	3 / 4 / 5	0.34mm ²	TPU Black	YES	YES	YES	YES	-40°C to +90°C 5xO.D.	-25°C to +80°C 7.5xO.D.	up to 5 000 000 cycles at temp 20°C	WELD SLAG RESISTANCE
B41	8	0.25mm ²	TPU Black								
B42	5	0.34mm ²	TPU Black								
B33	4 / 5	0.34mm ²	TPU Gray								
B55	4 / 5	0.34mm ²	TPU Yellow								
B36	4 / 5	0.34mm ²	TPU Orange								
B39	5	0.34mm ²	TPU Yellow								

LENGTH	TOLERANCE
0 m - 1 m	+40 mm
>1 m - 5 m	+60 mm
>5 m - 10 m	+80 mm
>10 m - 20 m	+140 mm
>20 m - 30 m	+160 mm
>30 m	+1% length

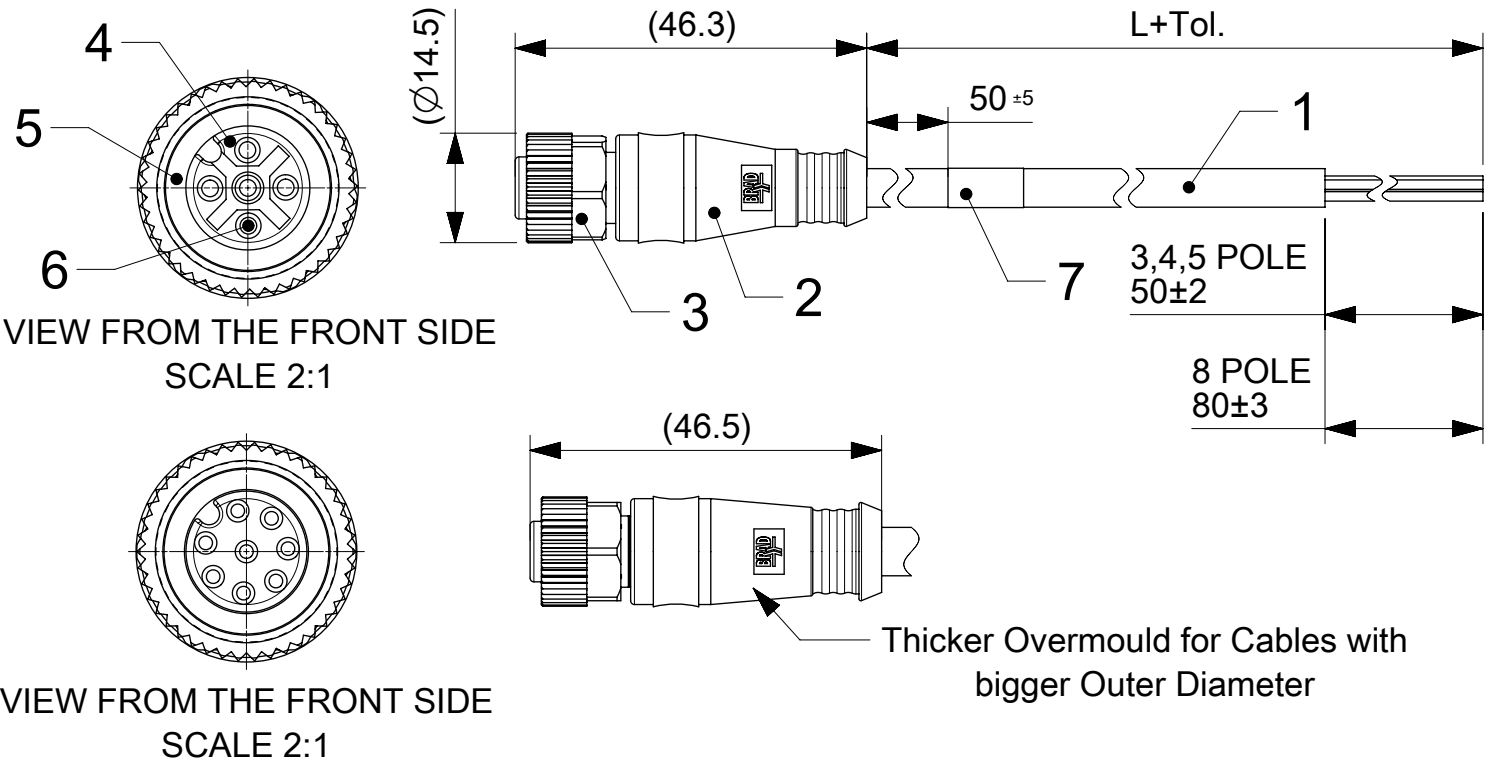
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CABLE LIST INFORMATIONS ADDED			molex			
	mm		1:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 788824 DRWN: RSCHIEBER 2024/06/07 CHK'D: RSILLER 2024/06/11 APPR: RSILLER 2024/06/11					CSE M12 XP AC FE STR WSOR XM SE UNSH BK			
	ANGULAR TOL ± 1.0°										
	4 PLACES	±									
	DIVISIONAL SYMBOLS	3 PLACES	±	INITIAL REVISION: DRWN: SSM 2021/12/16 APPR: RSILLER 2022/02/28			DOCUMENT NUMBER 1200652251		DOC TYPE PSD	DOC PART 000	REVISION B1
		2 PLACES	± 0.05								
		1 PLACE	± 0.3				MATERIAL NUMBER SEE PART LIST		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 3
		0 PLACES	± 0.5								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING A3-SIZE	SERIES 120065							

F

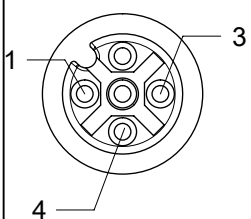
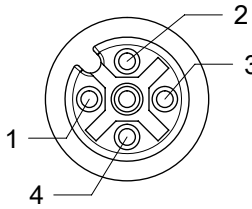
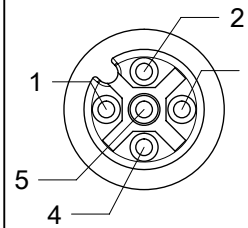
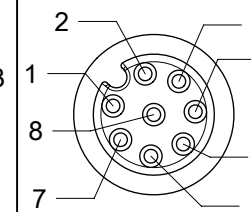
EDBCA

1

NOTES:
RATED VOLTAGE:
3, 4 contacts 250V
5 contacts 60V
8 contacts 30V
RATED CURRENT:
3, 4, 5 contacts 4A
8 contacts 2A
PROTECTION CLASS: IP 67



CONTACTS POSITION FRONT VIEW:

	3 CONTACTS	4 CONTACTS	5 CONTACTS	8 CONTACTS																																																
FEMALE																																																				
CONNECTIONS	<table><thead><tr><th>PIN</th><th>WIRE</th></tr></thead><tbody><tr><td>1</td><td>BROWN</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr></tbody></table>	PIN	WIRE	1	BROWN	3	BLUE	4	BLACK	<table><thead><tr><th>PIN</th><th>WIRE</th></tr></thead><tbody><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>WHITE</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr></tbody></table>	PIN	WIRE	1	BROWN	2	WHITE	3	BLUE	4	BLACK	<table><thead><tr><th>PIN</th><th>WIRE</th></tr></thead><tbody><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>WHITE</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr><tr><td>5</td><td>GREY OR GREEN/YELLOW</td></tr></tbody></table>	PIN	WIRE	1	BROWN	2	WHITE	3	BLUE	4	BLACK	5	GREY OR GREEN/YELLOW	<table><thead><tr><th>PIN</th><th>WIRE</th></tr></thead><tbody><tr><td>1</td><td>WHITE</td></tr><tr><td>2</td><td>BROWN</td></tr><tr><td>3</td><td>GREEN</td></tr><tr><td>4</td><td>YELLOW</td></tr><tr><td>5</td><td>GREY</td></tr><tr><td>6</td><td>PINK</td></tr><tr><td>7</td><td>BLUE</td></tr><tr><td>8</td><td>RED</td></tr></tbody></table>	PIN	WIRE	1	WHITE	2	BROWN	3	GREEN	4	YELLOW	5	GREY	6	PINK	7	BLUE	8	RED
PIN	WIRE																																																			
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5	GREY																																																			
6	PINK																																																			
7	BLUE																																																			
8	RED																																																			

FOR OPTION SEE - NUMERICAL CODE - ON SHEET 2

7	1	LABEL YE	VINYL	-
6	3/4/5/8	CONTACT FE	BRASS	GOLD OVER Ni-PLATED
5	1	GASKET RD	FPM	-
4	1	INSERT M12 FE XP BK	PUR	-
3	1	COUPLING NUT M12 FE	SEE SHEET 2	SEE SHEET 2
2	-	OVERMOULDING	SEE SHEET 2	SEE SHEET 2
1	-	CABLE	SEE SHEET 2	-
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS

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CURRENT REV DESC: STANDARDIZATION

EC NO: 681756

DRWN: MKOWALCZYK01

CHK'D: ALEKSP3

APPR: KMARCINIAK01

INITIAL REVISION:

DRWN: AKONDRACIUK

APPR: MIWASIECZKO

THIRD ANGLE PROJECTION

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

2021/10/18

2021/10/18

2021/10/18

2016/11/26

2016/12/06

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACE ±

0 PLACES ±

mm

SCALE

mo

lex

CSE M12 XP AC FE STR WSOR XM SE UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

1200652251

PSD

00P

B2

SEE PART LIST

1 OF 2

F



D

CA

1

A