

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

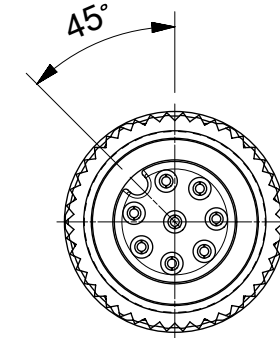
Pin	Wire color
1	BN
2	WH
3	BU
4	BK
5	GY OR GN/YE

4 POLE

Pin	Wire color
1	BN
2	WH
3	BU
4	BK

3 POLE

Pin	Wire color
1	BN
3	BU
4	BK



L+Tol.
SEE PART LIST

(46.5)

2

3

1

7

8

3, 4 & 5 POLE

(50)

50 $\pm$ 2

2x ID CARRIERS - SEE MATRIX

BRAD LOGO
COLOR OVERMOULD
SEE MATRIX

8 POLE

80 $\pm$ 3

BIGGER MOULDING FOR
CABLES WITH OD > 6

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

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

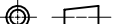
CABLE:
B30 = 0,34mm², TPU BLACK
B33 = 0,34mm², TPU GREY
B36 = 0,34mm², TPU ORANGE
B39 = 0,75mm², TPU BLACK
B41 = 0,25mm², TPU BLACK
B42 = 0,34mm², TPU BLACK
B49 = 0,25mm², TPU ORANGE
B55 = 0,34mm², TPU YELLOW

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

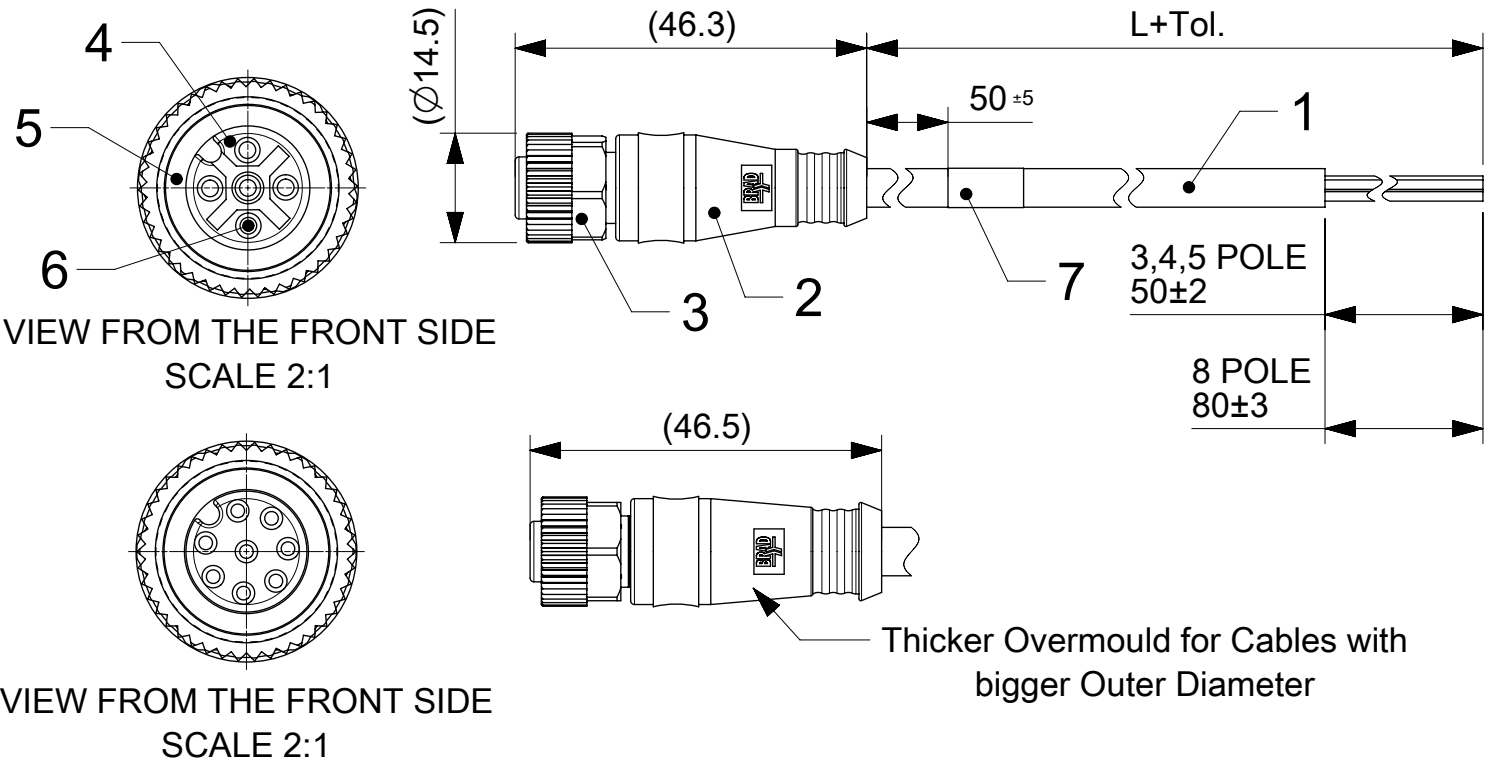
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CABLE LIST INFORMATIONS ADITTED			molex			
	mm		1:1								
	GENERAL TOLERANCES (UNLESS 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								
		0 PLACES	± 0.5								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE	120065	SEE PART LIST		GENERAL MARKET		2 OF 3	

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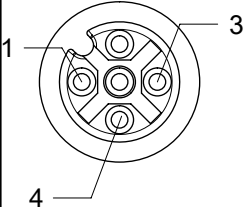
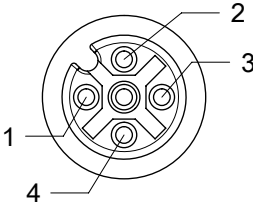
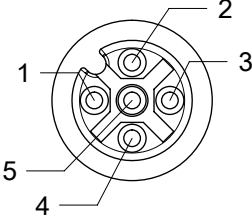
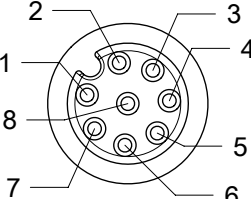
EDBCA

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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
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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

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	DIMENSION UNITS		SCALE		CURRENT REV DESC: STANDARDIZATION			molex							
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		CSE M12 XP AC FE STR WSOR XM SE UNSH										
± °		± °													
4 PLACES		±		PRODUCT CUSTOMER DRAWING											
3 PLACES		±													
2 PLACES		±													
DIVISIONAL SYMBOLS	1 PLACE		±		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION					
	0 PLACES		±												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
					A3-SIZE		120065		SEE PART LIST				1 OF 2		
EC NO: 681756		DRWN: MKOWALCZYK01		2021/10/18		CHK'D: ALEKSP3		2021/10/18		APPR: KMARCINIAK01		2021/10/18		INITIAL REVISION:	
DRWN: AKONDRACIUK		2016/11/26		APPR: MIWASIECZKO		2016/12/06		1200652251		PSD		00P		B2	

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CA

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