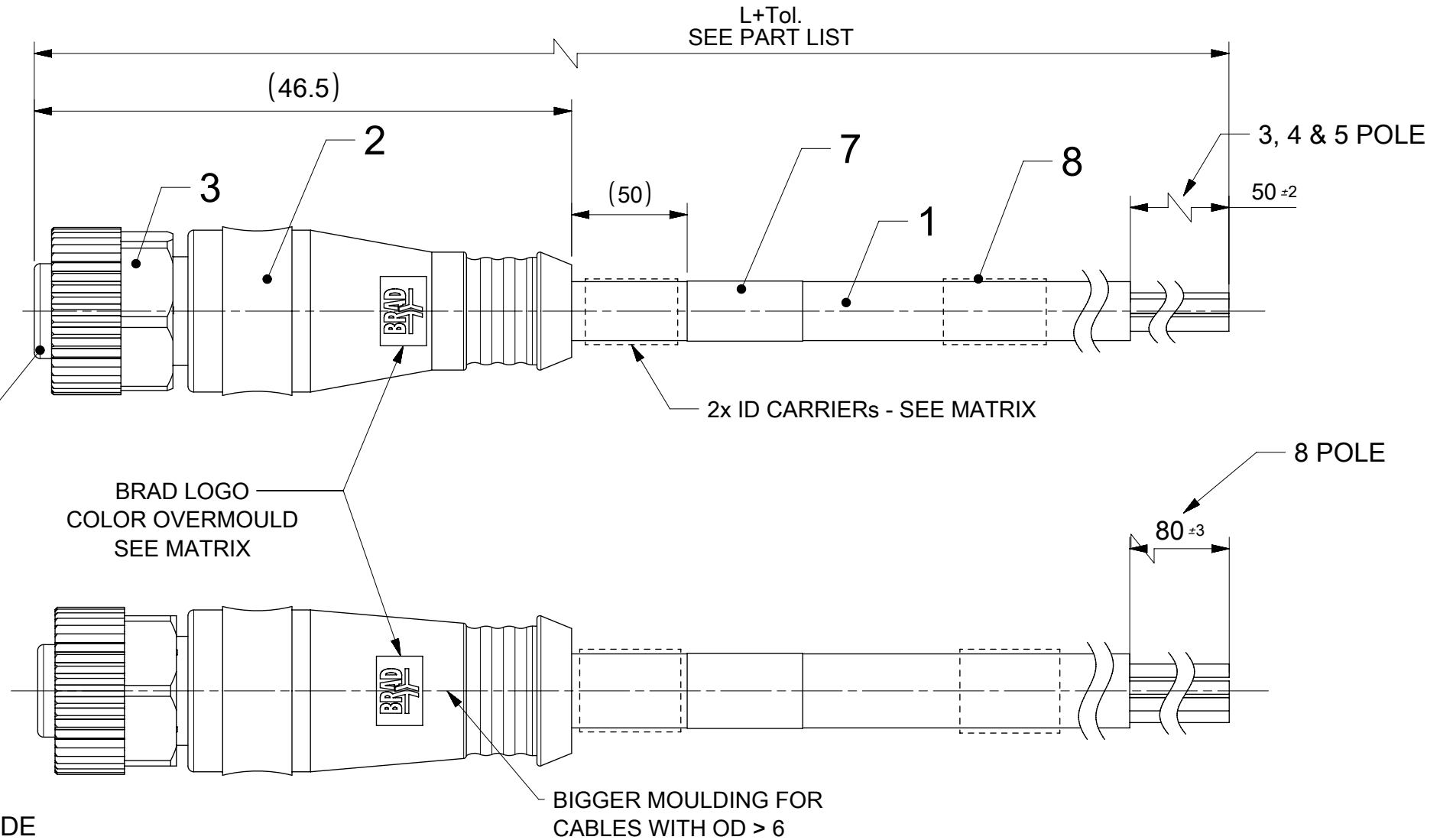


VIEWS FROM THE FRONT SIDE



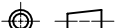
NOTES:

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: $10^8 \Omega$ 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

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 INFORMATION ADDED					molex										
	mm		2:1																	
	GENERAL TOLERANCES (UNLESS SPECIFIED)																			
	ANGULAR TOL ± 1.0°																			
	4 PLACES		±							CSE M12 XP AC FE STR WSOR XM SE UNSH BK										
	3 PLACES		±																	
	2 PLACES		± 0.05																	
	1 PLACE		± 0.3		PRODUCT CUSTOMER DRAWING															
	0 PLACES		± 0.5																	
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
									A3-SIZE		120065		1200652251		PSD		000		B1	
													SEE PART LIST		GENERAL MARKET				1 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2024/06/11	05:15:45
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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

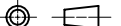
[illegible]

PROTECTION CLASS: IP 67



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		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
$\frac{F}{A} = 0$ $\frac{F}{E} = 0$ $\frac{F}{F} = 0$		CURRENT REV DESC: STANDARDIZATION	
DIMENSION UNITS SCALE mm 1:1		molex	
GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °			
DIVISIONAL SYMBOLS		CSE M12 XP AC FE STR WSOR XM SE UNSH	
4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ±		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	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION  DRAWING SERIES A3-SIZE 120065 MATERIAL NUMBER CUSTOMER SEE PART LIST DOCUMENT NUMBER DOC TYPE DOC PART REVISION 1200652251 PSD 00P B2	
		SHEET NUMBER 1 OF 2	

F



D

CA

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A