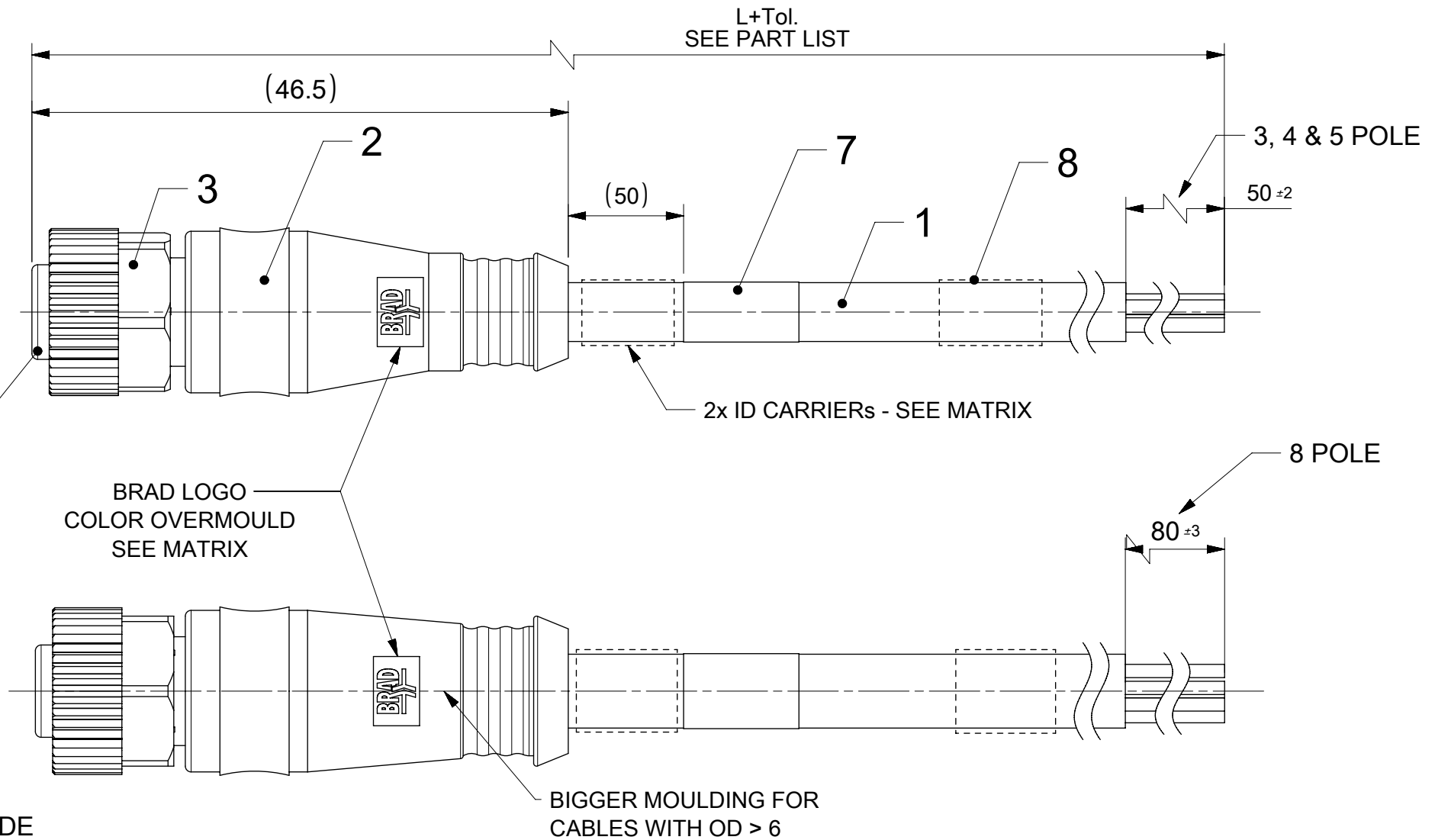


TEMPERATURE RANGE : SEE CABLE LIST
 RATED VOLTAGE: 3, 4 contacts : 250V
 5 contacts : 60V
 8 contacts : 30V
 RATED CURRENT: 3, 4, 5 contacts : 4A
 8 contacts : 2A

ENVIRONMENTAL:PROTECTION: IP67 IN MATED AND LOCKED POSITION



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 </

FORMAT: master-tb-prod-A3 REVISION: J1 DATE: 2021/05/01	9	8
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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

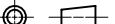
CABLE:
 B30 = 0,34mm², TPU BLACK
 B33 = 0,34mm², TPU GREY
 B36 = 0,34mm², TPU ORANGE
 B39 = 0,75mm², TPU BLACK
 B41 = 0,25mm², TPU BLACK
 B42 = 0,34mm², TPU BLACK
 B49 = 0,25mm², TPU ORANGE
 B55 = 0,34mm², TPU YELLOW

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

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								
		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	

PART LIST

MOLEX PN	ENGINEERING No	L [mm]
3P CABLE B30		
1200652247	803000B30M010	1000
1200652248	803000B30M020	2000
1200652249	803000B30M050	5000
1200652250	803000B30M100	10000
1200659784	803000B30M200	20000
4P CABLE B30		
1200652251	804000B30M010	1000
1200652388	804000B30M010R	1000
1200652252	804000B30M020	2000
1200659466	804000B30M030	3000
1200659639	804000B30M030R	3000
1200652253	804000B30M050	5000
1200659805	804000B30M075	7500
1200659788	804000B30M085	8500
1200659806	804000B30M098	9800
1200652254	804000B30M100	10000
1200659400	804000B30M150	15000
1200659467	804000B30M200	20000
1200659468	804000B30M250	25000
1200659469	804000B30M300	30000
5P CABLE B30		
1200659963	805000B30M006	600
1200659518	805000B30M010	1000
1200659519	805000B30M020	2000
1200659984	805000B30M0207	2000
1200656650	805000B30M030	3000
1200659520	805000B30M050	5000
1200659521	805000B30M100	10000
1200656214	805000B30M150	15000
1200656483	805000B30M200	20000

MOLEX PN	ENGINEERING No	L [mm]
4P CABLE B33		
1200659966	804000B33M005	500
1200656515	804000B33M005A	500
1200659967	804000B33M010	1000
1200656516	804000B33M010A	1000
1200659456	804000B33M020	2000
1200656517	804000B33M020A	2000
1200659968	804000B33M030	3000
1200656518	804000B33M030A	3000
1200659969	804000B33M040	4000
1200659970	804000B33M050	5000
1200656519	804000B33M050A	5000
1200659461	804000B33M100	10000
1200656520	804000B33M100A	10000
1200656605	804000B33M150A	15000
1200656606	804000B33M200A	20000
1200657125	804000B33M300A	30000
1200657126	804000B33M400A	40000
1200657127	804000B33M500A	50000
1200657128	804000B33M700A	70000
5P CABLE B33		
1200657176	805000B33M005A	500
1200656643	805000B33M010A	1000
1200659457	805000B33M020	2000
1200656644	805000B33M020A	2000
1200656645	805000B33M030A	3000
1200656646	805000B33M050A	5000
1200659462	805000B33M100	10000
1200656647	805000B33M100A	10000
1200656648	805000B33M150A	15000
1200656649	805000B33M200A	20000
1200657177	805000B33M300A	30000
1200657178	805000B33M400A	40000
1200657179	805000B33M500A	50000

MOLEX PN	ENGINEERING No	L [mm]
4P CABLE B36		
1200656851	804000B36M0107Y	1000
1200656388	804000B36M0207H	2000
1200659429	804000B36M0207Y	2000
1200656389	804000B36M0507H	5000
1200659430	804000B36M0507Y	5000
1200656390	804000B36M1007H	10000
1200659431	804000B36M1007Y	10000
1200656550	804000B36M1507Y	15000
1200656551	804000B36M2007Y	20000
5P CABLE B36		
1200656835	805000B36M1007Y	10000
5P CABLE B39		
1200656042	805000B39M050	5000
5P CABLE B42		
1200656062	805000B42M005	500
1200652255	805000B42M010	1000
1200652256	805000B42M020	2000
1200652257	805000B42M050	5000
1200652258	805000B42M100	10000
1200659543	805000B42M200	20000
1200659544	805000B42M300	30000
8P CABLE B41		
1200652306	808000B41M010	1000
1200652393	808000B41M010R	1000
1200659458	808000B41M020	2000
1200659777	808000B41M030	3000
1200652308	808000B41M050	5000
1200659463	808000B41M100	10000
1200656044	808000B41M150	15000
1200659734	808000B41M200	20000
1200656485	808000B41M250	25000

MOLEX PN	ENGINEERING No	L [mm]
4P CABLE B55		
1200656620	804000B55M010Y	1000
1200656621	804000B55M020Y	2000
1200656622	804000B55M030Y	3000
1200656623	804000B55M050Y	5000
1200656624	804000B55M100Y	10000
1200656625	804000B55M150Y	15000
1200656626	804000B55M200Y	20000
5P CABLE B55		
1200656651	805000B55M010Y	1000
1200656652	805000B55M020Y	2000
1200656653	805000B55M030Y	3000
1200656654	805000B55M050Y	5000
1200656655	805000B55M100Y	10000
1200656656	805000B55M150Y	15000
1200656657	805000B55M200Y	20000

FUNCTIONAL SYMBOLS

▽

A

= 0

▽

E

= 0

▽

E

= 0

DIVISIONAL SYMBOLS

2 PLACES

±

0.05

1 PLACE

±

0.3

0 PLACES

±

0.5

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES

±

3 PLACES

±

2 PLACES

±

1 PLACE

±

0 PLACES

±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

120065

MATERIAL NUMBER

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 3

CURRENT REV DESC: CABLE LIST INFORMATION

ADDED

EC NO: 788824

DRWN: RSCHIEBER

CHK'D: RSILLER

APPR: RSILLER

2024/06/07

2024/06/11

2024/06/11

INITIAL REVISION:

DRWN: SSM

APPR: RSILLER

2021/12/16

2022/02/28

molex

CSE M12 XP AC FE STR WSOR XM SE UNSH BK

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200652251

DOC TYPE

PSD

DOC PART

000

REVISION

B1

F



D

CA

1

A