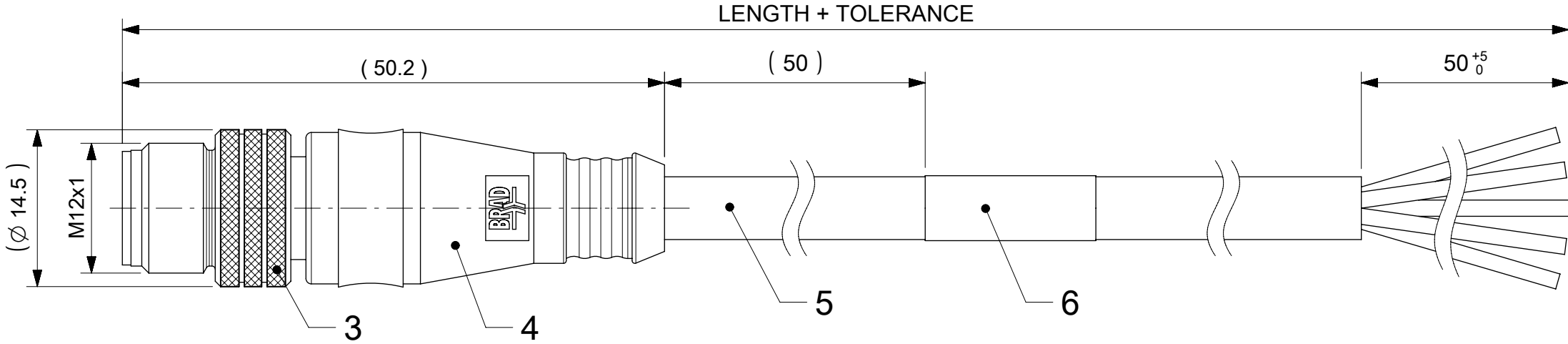
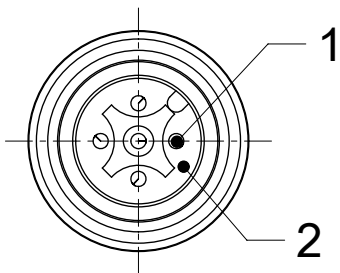
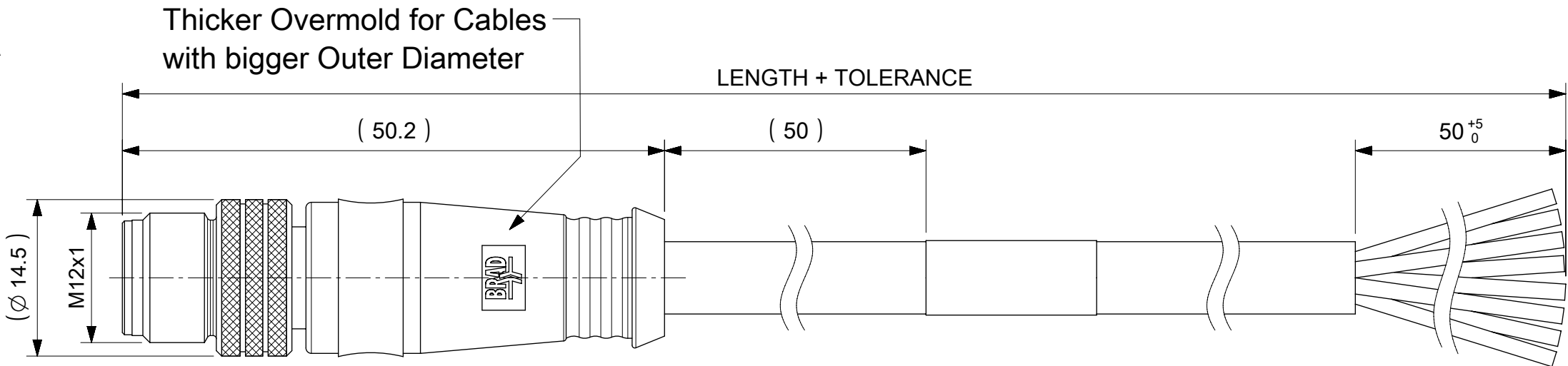
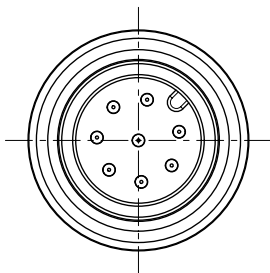


MALE PLUG M12 STRAIGHT



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
TEMPERATURE: -25°C / +85°C



CONTACTS POSITION FRONT VIEW:

3 CONTACTS		4 CONTACTS		5 CONTACTS		8 CONTACTS	
PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN	1	WHITE
2	---	2	WHITE	2	WHITE	2	BROWN
3	BLUE	3	BLUE	3	BLUE	3	GREEN
4	BLACK	4	BLACK	4	BLACK	4	YELLOW
5	---	5	---	5	GREY OR GREEN/YELLOW	5	GREY
						6	PINK
						7	BLUE
						8	RED
CODING REQUIRED TO IEC 61076-2-101							

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

7	SEE MATRIX	D CARRIER	PVC	TRANSPARENT
6	1	LABEL YELLOW	VINYL	---
5	-	CABLE	SEE SHEET 2	---
4	-	OVERMOLDING BLACK	TPU	---
3	1	COUPLING NUT MALE	BRASS	NICKEL
2	1	INSERT MALE BLACK	PUR	---
1	3 / 4 / 5 / 8	CONTACT M12 MALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS

$\sqrt{A}/=0$

$\sqrt{E}/=0$

$\sqrt{F}/=0$

DIVISIONAL SYMBOLS

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

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL

$\pm 1.0^\circ$

4 PLACES

$\pm$

3 PLACES

$\pm$

2 PLACES

± 0.05

1 PLACE

± 0.3

0 PLACES

± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: NEW P/N ADDED

EC NO: 780340

DRWN: RSCHIEBER

CHK'D: RSILLER

APPR: RSILLER

2024/03/14

2024/03/18

2024/03/18

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: RSILLER

2016/01/12

2016/04/08

THIRD ANGLE PROJECTION

DRAWING

SERIES

A3-SIZE

120065

molex

CSE M12 XP AC MA STR XM SE UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200659185

DOC TYPE

PSD

DOC PART

000

REVISION

A12

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 4

	10	9	8	7	6	5	4	3	2	1			
	PART LIST												
F	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	No.	Part No.	Engineering No.	Cable Length	F
	1	1200060046	804006E03M120	12m	36	1200062596	805006E03M003	0.3m	71	1200652158	805006P03M100	10m	
	2	1200060047	804006P03M050	5m	37	1200062631	805006P03M120	12m	72	1200655011	805006P03M005	0.5m	
	3	1200060240	803006E03M020	2m	38	1200062799	805006E03M010	1m	73	1200655051	805006E03M006	0.6m	
	4	1200060241	803006E03M050	5m	39	1200062830	804006E03M0205	2m	74	1200658055	803006P03M003	0.3m	
E	5	1200060242	803006E03M100	10m	40	1200062877	804006E03M0505	5m	75	1200658092	805006P03M010	1m	E
	6	1200060256	803006P03M002	0.2m	41	1200062920	804006E03M1005	10m	76	1200658109	808006P02M003	0.3m	
	7	1200060257	803006P03M020	2m	42	1200063018	803006P03M0303	3m	77	1200658209	805006E03M0061	✱ 0.6m	
	8	1200060260	803006P03M030	3m	43	1200063077	804006E02M005	0.5m	78	1200658247	803006H09M100	10m	
	9	1200060261	803006P03M050	5m	44	1200063470	804006E03M010H	1m	79	1200658248	803006H09M050	5m	
D	10	1200060558	804006E03M006	0.6m	45	1200063472	804006P03M200	20m	80	1200658463	804006P03M150	15m	D
	11	1200060559	804006E03M010	1m	46	1200063731	805006P03M0065	0.6m	81	1200658500	805006E03M1001	10m	
	12	1200060560	804006E03M020	2m	47	1200063732	804006E03M0501	5m	82	1200658518	804006E03M0201H	2m	
	13	1200060561	804006E03M030	3m	48	1200063733	804006E03M1001	✱ 10m	83	1200658519	804006E03M0501H	5m	
	14	1200060562	804006E03M050	5m	49	1200063856	804006E03M1501	✱ 15m	84	1200658526	803006E03M005	0.5m	
C	15	1200060563	804006E03M100	10m	50	1200063941	804006P03M0401	4m	85	1200658542	804006E03M070	7m	C
	16	1200060570	804006P03M020	2m	51	1200063953	805006E03M035	3.5m	86	1200658546	808006E02M050	5m	
	17	1200060571	804006P03M030	3m	52	1200063969	804006E03M2001	✱✱ 20m	87	1200658565	803006E03M010	1m	
	18	1200060572	804006P03M100	10m	53	1200064160	803006P03M005	0.5m	88	1200658566	803006E03M040	4m	
	19	1200060667	805006E03M020	2m	54	1200064231	804006E03M2501	✱ 25m	89	1200658571	804006E03M040	4m	
B	20	1200060668	805006E03M030	3m	55	1200064240	804006P03M070	7m	90	1200658576	808006E02M010	1m	B
	21	1200060680	805006P03M020	2m	56	1200064251	804006E03M003	0.3m	91	1200658612	803006P03M040	4m	
	22	1200060682	805006P03M050	5m	57	1200064252	804006E03M005	0.5m	92	1200658613	803006P03M100	10m	
	23	1200061345	805006E03M050										

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

