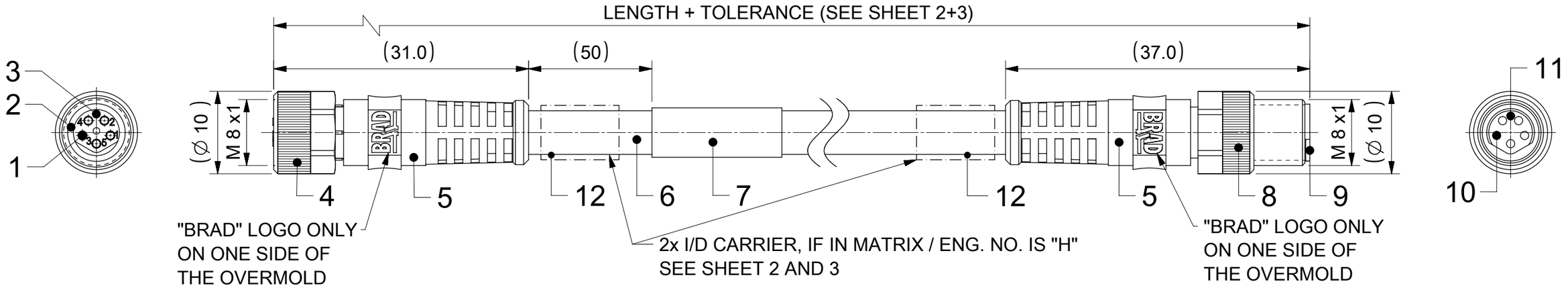
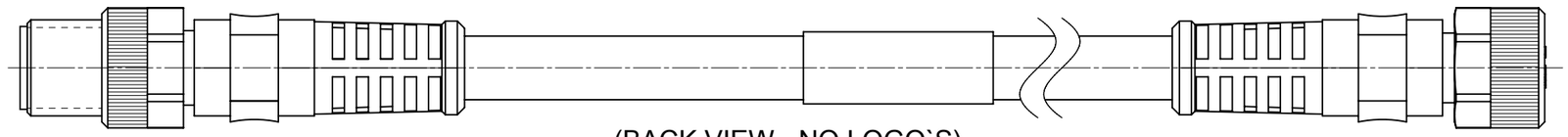
FEMALE PLUG M8 STRAIGHT TO MALE PLUG M8 STRAIGHT WSOR CABLES



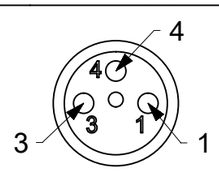
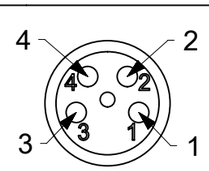
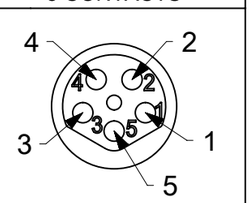
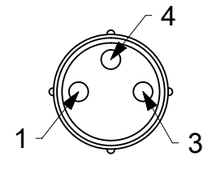
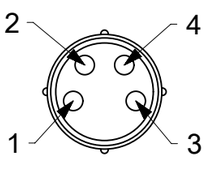
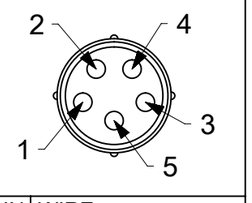


(BACK VIEW - NO LOGO`S)

NOTES:

1. PRODUCT SPECIFICATION:
   RATED VOLTAGE: 3 contacts 60V AC/DC
   4 and 5 contacts 30V AC/DC
   CURRENT RATING: 3, 4, 5 contacts 3A
   PROTECTION CLASS: IP 67
   TEMPERATURE: -25°C / +80°C
2. PACKAGING: THE CORDSETS ARE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
3. SAFETY: INSTALLATION, MOUNTING, AND MAINTENANCE OF THE PRODUCT MAY ONLY BE CARRIED OUT BY A QUALIFIED ELECTRICIAN
4. INSULATION RESISTANCE: 10^8 Ω MIN.
5. MATING CYCLES: MAX. 100
6. PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

CONTACTS POSITION FRONT VIEW:

	3 CONTACTS	4 CONTACTS	5 CONTACTS
FEMALE			
MALE			

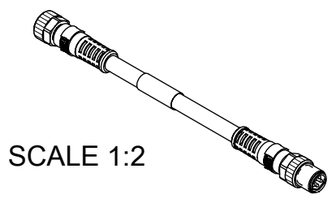
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
					5	GREY

CODING ACCORDING TO IEC 61076-2-104

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/02 09:18:37

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
1	3 / 4 / 5	CONTACT M8 FEMALE	BRONZE	SELECTIVE Au OVER Ni
2	1	O-RING	FKM	RED
3	1	INSERT FEMALE	TPU	BLACK
4	1	COUPLING NUT M8 FEMALE SW9	BRASS	NICKEL
5	-	OVERMOLD	TPU	SEE PART MATRIX
6	-	CABLE	SEE SHEET 2	---
7	1	LABEL	VINYL	YELLOW
8	1	COUPLING NUT M8 MALE SW9	BRASS	NICKEL
9	1	SLEEVE	BRASS	NICKEL
10	3 / 4 / 5	CONTACT M8 MALE	Cu-ALLOY	SELECTIVE Au OVER Ni
11	1	INSERT MALE	TPU	BLACK
12	2	I/D CARRIER	PVC	---



SCALE 1:2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.05
1 PLACE	± 0.3
0 PLACES	± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: AS PER THE PCN-513749 CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END". ADDED NOTES 4 & 5. SORTED PART LIST USING CABLE TYPES ON SHEET 3, PACKAGING SPEC ADDED

EC NO: 789428
DRWN: AKABADI 2023/08/24
CHK'D: RSILLER 2024/07/02
APPR: RSILLER 2024/07/02

INITIAL REVISION:
DRWN: JMARSZALEK 2016/09/13
APPR: RSILLER 2018/12/10

molex

CSE M8 M8 XP AC BC FE STR WSOR MA STR XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200878716	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	120087	SEE PART LIST	GENERAL MARKET	1 OF 3

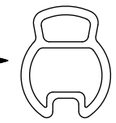
FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01

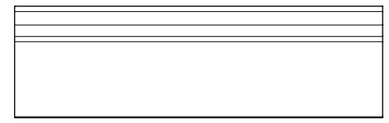
ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

OPTIONS

4	4	X	0	3	0	B	X	X	X	X	X	X	X

- 44=Nano-Change M8x1 Double ended
- Poles: 3=3 Contacts, 4=4 Contacts, 5=5 Contacts
- Heads style: 030=Plug Female Straight to Plug Male Straight
- Cable type: See Table
- Units: M=Meter, C=Centimeter
- Length Examples: 005=0.5 unit, 010=1 unit, 100=10 unit
- Overmold color: Blank (Standard)=Black, Y = Yellow, H= 2 pcs. of I/D Carrier PVC Transparent





CABLE INFORMATION (for more information see Cable Data Sheet)

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN: TEMP. / BENDING RADIUS	DRAG CHAIN	CABLE PRODUCT SPECIFICATION	CABLE SPEC. DRAWING
B41	3 / 4 / 5	0.25mm²	TPU Black	UL 21215/758	C22.2 I/II A/B 80°/600V	-40°C to +90°C 5xO.D.	-25°C to +80°C 7.5xO.D.	-5°C to +60°C 7.5xO.D.	up to 5 000 000 cycles at temp 20°C	1552200001	SD-120209-001
B55	3 / 4	0.34mm²	TPU Yellow								n/a

CABLE LENGTH TOLERANCES

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

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FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm | SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.05
1 PLACE	± 0.3
0 PLACES	± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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INITIAL REVISION:
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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120087

molex

CSE M8 M8 XP AC BC FE STR WSOR MA STR XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200878716	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PART LIST	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/02 09:18:37

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

PART LIST

MOLEX PN.	ENGINEERING NO.	L [MM]
3P CABLE B41		
1200878854	443030B41M005H	500
1200878703	443030B41M006	600
1200878704	443030B41M010	1000
1200878855	443030B41M010H	1000
1200878956	443030B41M015	1500
1200878705	443030B41M020	2000
1200878856	443030B41M020H	2000
1200879039	443030B41M025	2500
1200878706	443030B41M030	3000
1200878857	443030B41M030H	3000
1200878974	443030B41M040	4000
1200878707	443030B41M050	5000
1200878858	443030B41M050H	5000
1200878976	443030B41M060	6000
1200878975	443030B41M070	7000
1200878977	443030B41M080	8000
1200878708	443030B41M100	10000
1200878859	443030B41M100H	10000
1200878973	443030B41M150	15000
1200878860	443030B41M150H	15000
1200878907	443030B41M200H	20000
1200878908	443030B41M250H	25000
4P CABLE B41		
1200878972	444030B41M003	300
1200878905	444030B41M005H	500
1200878709	444030B41M006	600
1200878710	444030B41M010	1000
1200878711	444030B41M020	2000
1200878712	444030B41M030	3000
1200879040	444030B41M040	4000
1200878713	444030B41M050	5000
1200879041	444030B41M080	8000
1200878714	444030B41M100	10000

MOLEX PN.	ENGINEERING NO.	L [MM]
5P CABLE B41		
1200878715	445030B41M006	600
1200878716	445030B41M010	1000
1200878717	445030B41M020	2000
1200878718	445030B41M030	3000
1200878719	445030B41M050	5000
1200878720	445030B41M100	10000
4P CABLE B55		
1200878920	444030B55M020Y	2000
1200878921	444030B55M050Y	5000

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DIVISIONAL SYMBOLS

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DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200878716	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PART LIST	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/02 09:18:37

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