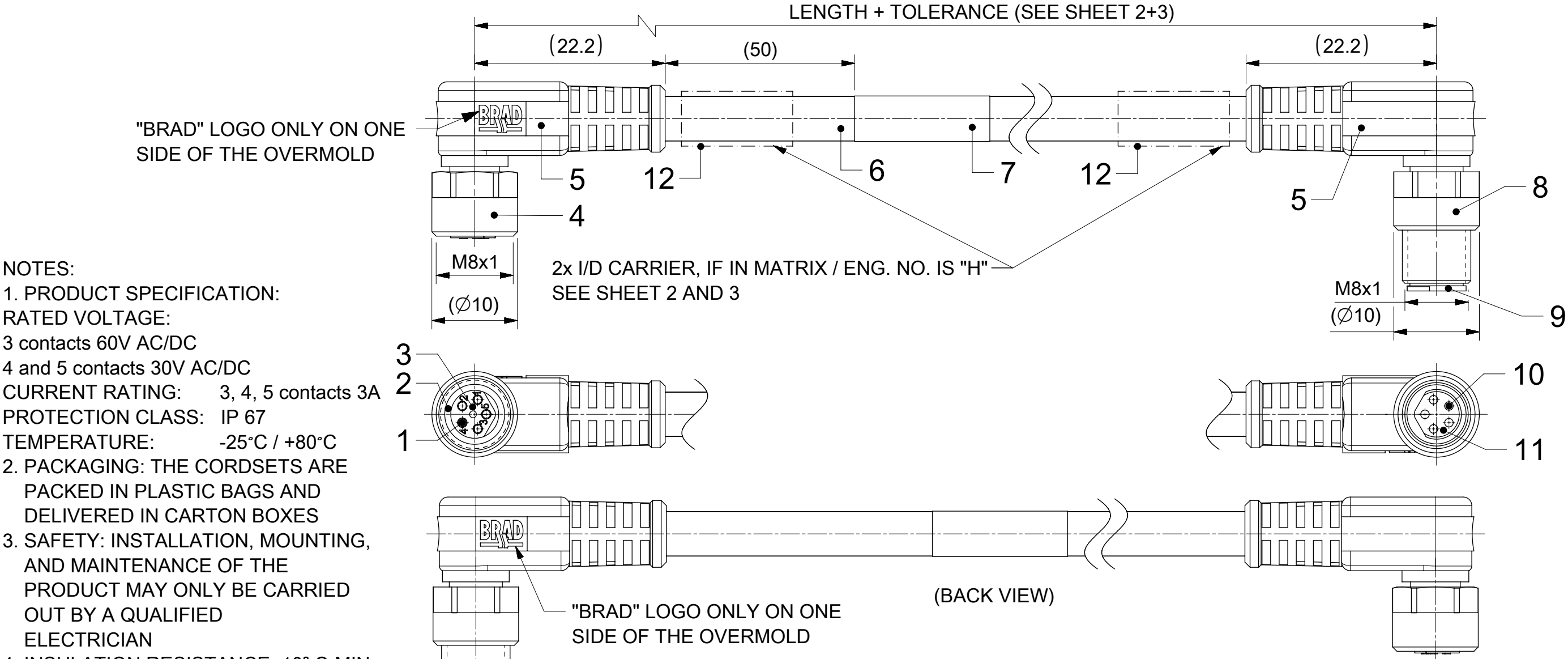


FEMALE PLUG M8 90° ANGLED TO MALE PLUG M8 90° ANGLED WSOR CABLES

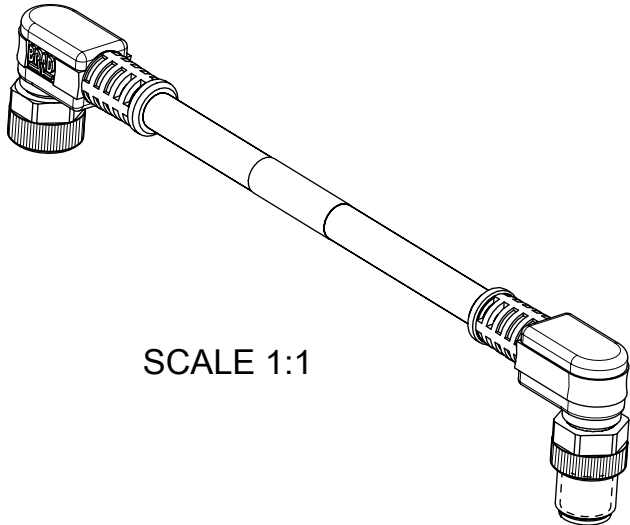


- NOTES:
1. PRODUCT SPECIFICATION:
RATED VOLTAGE:
3 contacts 60V AC/DC
4 and 5 contacts 30V AC/DC
CURRENT RATING: 3, 4, 5 contacts 3A
PROTECTION CLASS: IP 67
TEMPERATURE: -25°C / +80°C
2. PACKAGING: THE CORDSETS ARE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
3. SAFETY: INSTALLATION, MOUNTING, AND MAINTENANCE OF THE PRODUCT MAY ONLY BE CARRIED OUT BY A QUALIFIED ELECTRICIAN
4. INSULATION RESISTANCE: 10⁸ Ω MIN.
5. MATING CYCLES: MAX. 100

CONTACT POSITION FRONT VIEW:						
FEMALE	3 CONTACTS - AC		4 CONTACTS - AC		5 CONTACTS - BC	
MALE	3 CONTACTS - AC		4 CONTACTS - AC		5 CONTACTS - BC	
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	09:18:41
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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	BLACK
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	---

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										molex						
	DIMENSION UNITS		SCALE		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					CSE M8 M8 XP XC FE RA WSOR MA RA XM							
	mm		2:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 1.0 °																
	FA = 0		4 PLACES		±		EC NO: 789428 DRWN: AKABADI 2023/08/24 CHK'D: RSILLER 2024/07/02 APPR: RSILLER 2024/07/02					INITIAL REVISION: DRWN: RSCHEIBER 2018/11/19 APPR: RSILLER 2018/12/10					
	FE = 0		3 PLACES		±												
	FE = 0		2 PLACES		± 0.05		PRODUCT CUSTOMER DRAWING										
	DIVISIONAL SYMBOLS		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		120087		SEE PART LIST		GENERAL MARKET		1 OF 3					

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

OPTIONS

4

4

X

0

3

3

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:
032=Plug Female 90°
to Plug Male 90°

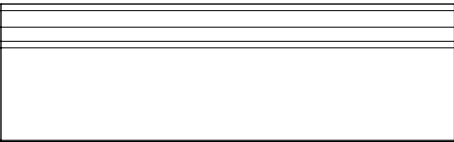
Cable type: See Table

Units:
M=Meter
C=Centimeter

Length
Examples:
005=0.5 unit
010=1 unit
100=10 unit

Overmold color:
Blank (Standard)=Black

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

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

FUNCTIONAL SYMBOLS

FA

=

0

FE

=

0

FE

=

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 ± 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

EC NO: 789428

DRWN: AKABADI

CHK'D: RSILLER

APPR: RSILLER

2023/08/24

2024/07/02

2024/07/02

INITIAL REVISION:

DRWN: RSCHIEBER

APPR: RSILLER

2018/11/19

2018/12/10

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

molex

CSE M8 M8 XP XC FE RA WSOR MA RA XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200878769

DOC TYPE

PSD

DOC PART

000

REVISION

B

SEE PART LIST

GENERAL MARKET

2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/02	09:18:41
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FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01

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