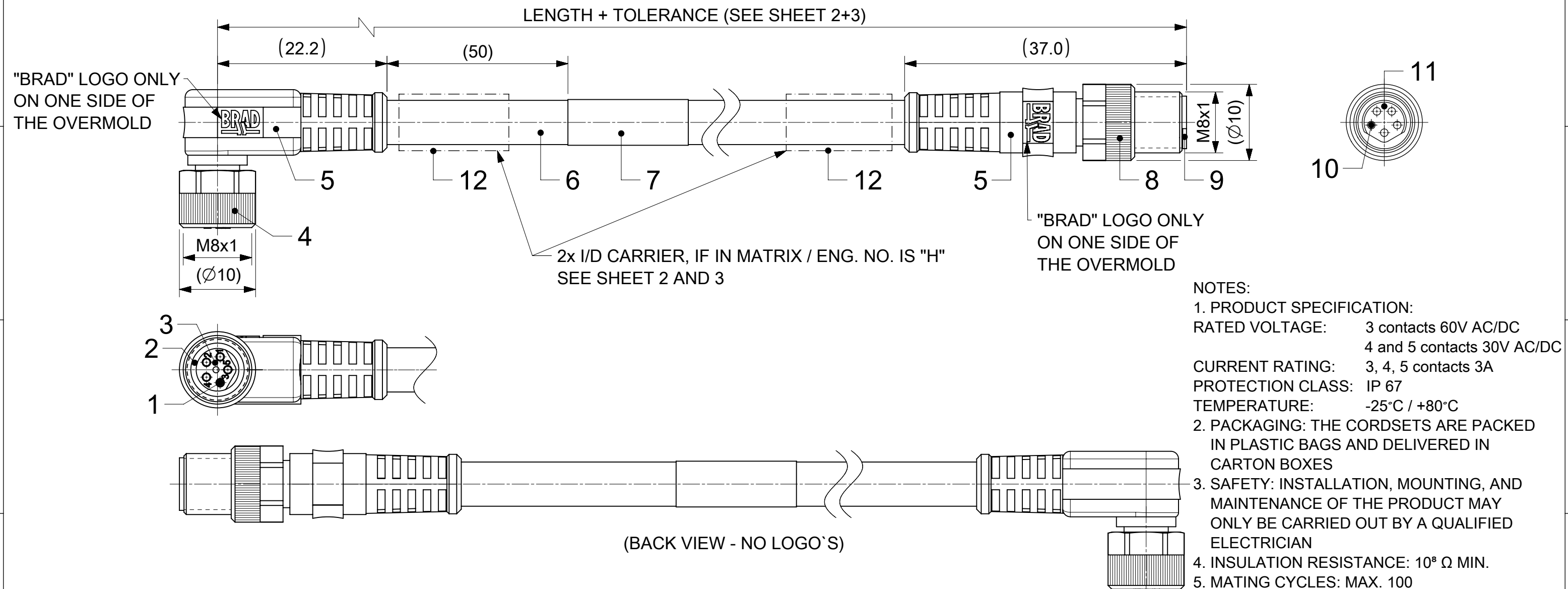
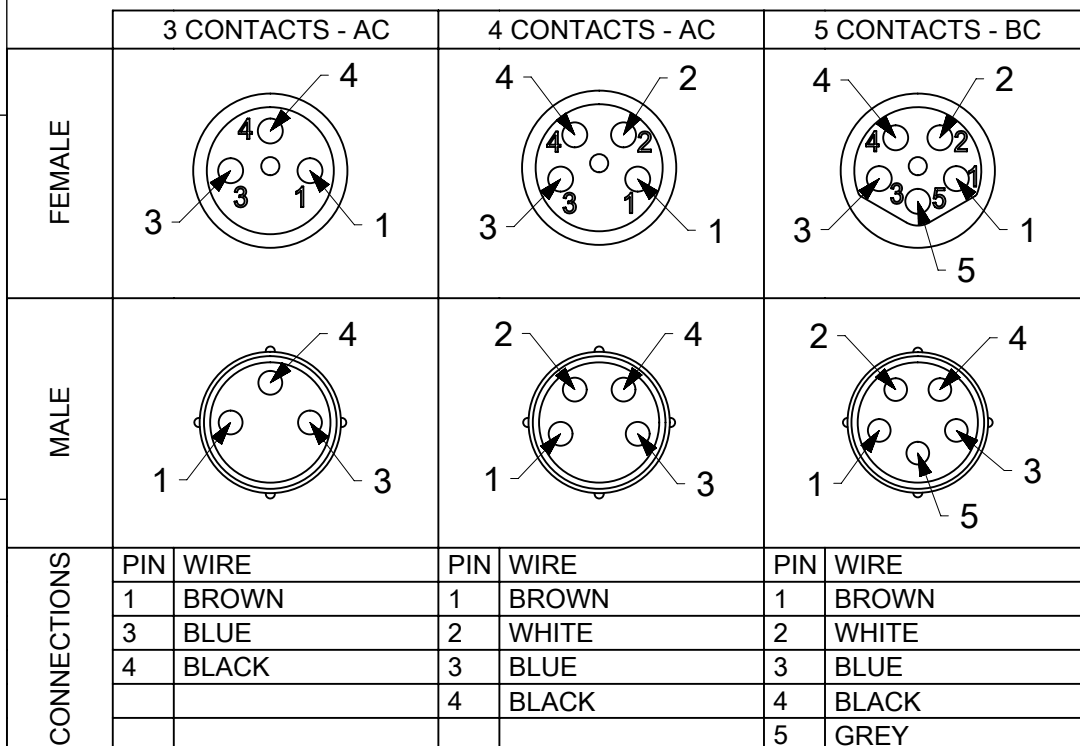


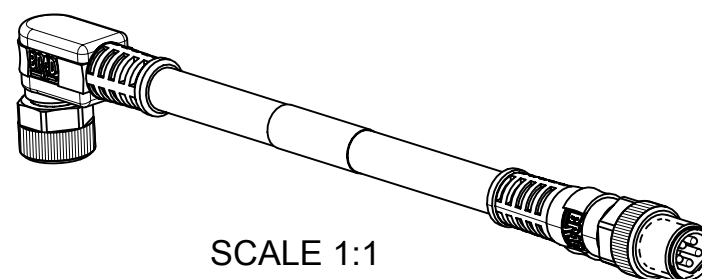
FEMALE PLUG M8 90° ANGLED TO MALE PLUG M8 STRAIGHT WSOR CABLES



CONTACT POSITION FRONT VIEW:



(BACK VIEW - NO LOGO'S)



SCALE 1:1

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

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

[illegible]

CODING ACCORDING TO IEC 61076-2-104

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FORMAT: master.tb.prod-A3

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

OPTIONS

44X031BX XXXXX

44=Nano-Change
M8x1
Double ended

Poles:
3=3 Contacts
4=4 Contacts
5=5 Contacts

Heads style:
031=Plug Female 90°
to Plug Male Straight

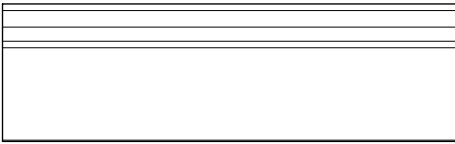
Cable type: See Table

Units:
M=Meter
C=Centimeter

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

Overmold color:
Blank (Standard)=Black

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		SCALE		molex CSE M8 M8 XP XC FE RA WSOR MA STR XM												
	mm		2:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				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												
	ANGULAR TOL ± 1.0 °																
	4 PLACES ±		EC NO: 789428								2023/08/24						
	3 PLACES ±		DRWN: AKABADI								2024/07/02						
	2 PLACES ± 0.05		CHK'D: RSILLER		2024/07/02												
	1 PLACE ± 0.3		APPR: RSILLER		2024/07/02												
	0 PLACES ± 0.5		INITIAL REVISION:														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: RSCHIEBER		2018/09/24													
		APPR: RSILLER		2018/12/10													
		THIRD ANGLE PROJECTION															
				DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
		A3-SIZE		120087		MATERIAL NUMBER		CUSTOMER		1200878734		PSD		000		B	
						SEE PART LIST		GENERAL MARKET								SHEET NUMBER	
																2 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/02	09:18:39
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