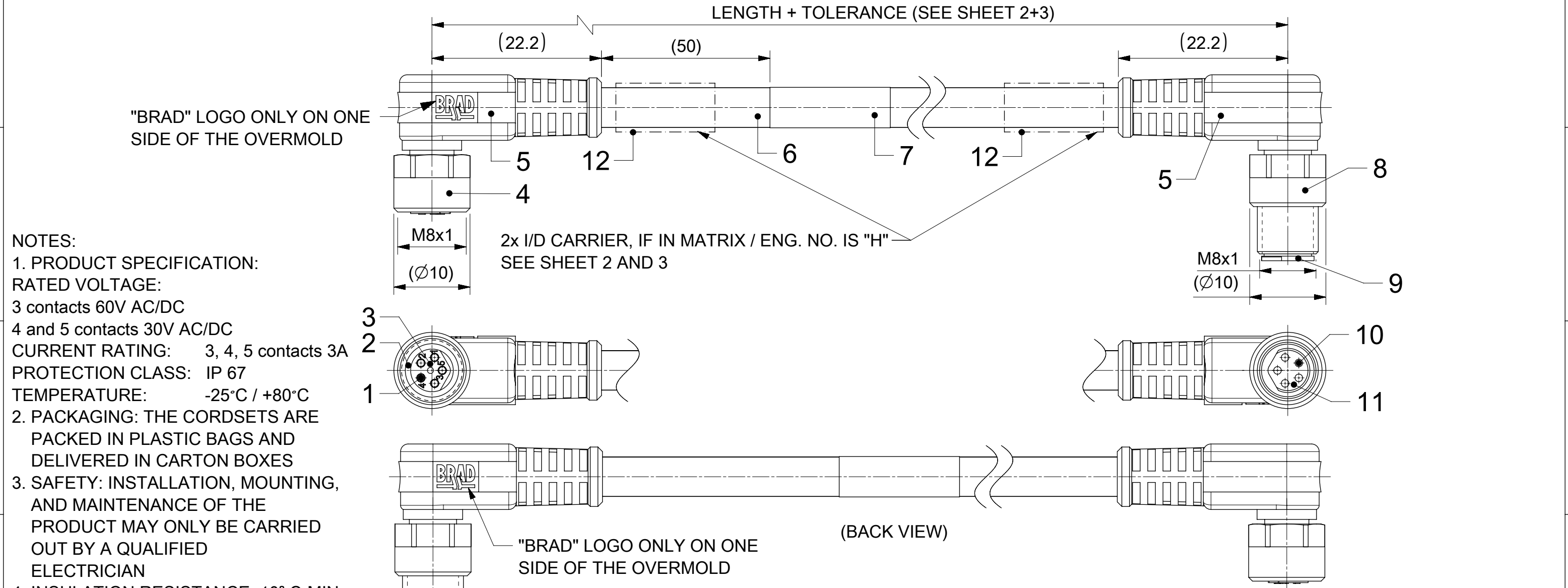


FEMALE PLUG M8 90° ANGLED TO MALE PLUG M8 90° ANGLED WSOR CABLES



- 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						
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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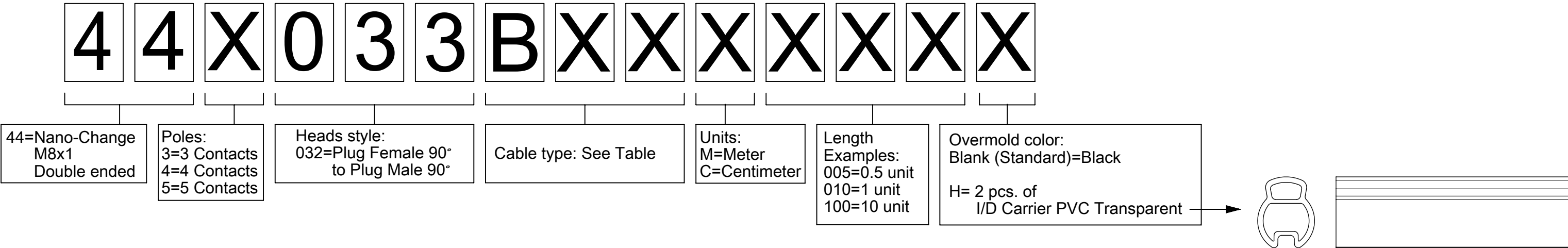
FOR OPTIONS SEE NUMERICAL CODE ON SHEET 2

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														
	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			molex							
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	4 PLACES		±					EC NO: 789428 DRWN: AKABADI 2023/08/24 CHK'D: RSILLER 2024/07/02 APPR: RSILLER 2024/07/02			CSE M8 M8 XP XC FE RA WSOR MA RA XM				
	3 PLACES		±												
	2 PLACES		± 0.05												
	1 PLACES		± 0.3		INITIAL REVISION: DRWN: RSCHEIBER 2018/11/19 APPR: RSILLER 2018/12/10			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
	0 PLACES		± 0.5					1200878769		PSD	000	B			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
						A3-SIZE		120087		SEE PART LIST		GENERAL MARKET		1 OF 3	

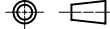
ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

OPTIONS



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

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	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: 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				molex CSE M8 M8 XP XC FE RA WSOR MA RA XM						
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	DIVISIONAL SYMBOLS	4 PLACES ±		EC NO: 789428		2023/08/24		PRODUCT CUSTOMER DRAWING							
		3 PLACES ±		DRWN: AKABADI											
		2 PLACES ± 0.05		CHK'D: RSILLER											
		1 PLACE ± 0.3		APPR: RSILLER		2024/07/02									
		0 PLACES ± 0.5		INITIAL REVISION:											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		2018/11/19								DOCUMENT NUMBER		DOC TYPE	
				DRAWING		SERIES		1200878769		PSD		000		B	
		A3-SIZE		120087		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
						SEE PART LIST		GENERAL MARKET		2 OF 3					

[illegible]