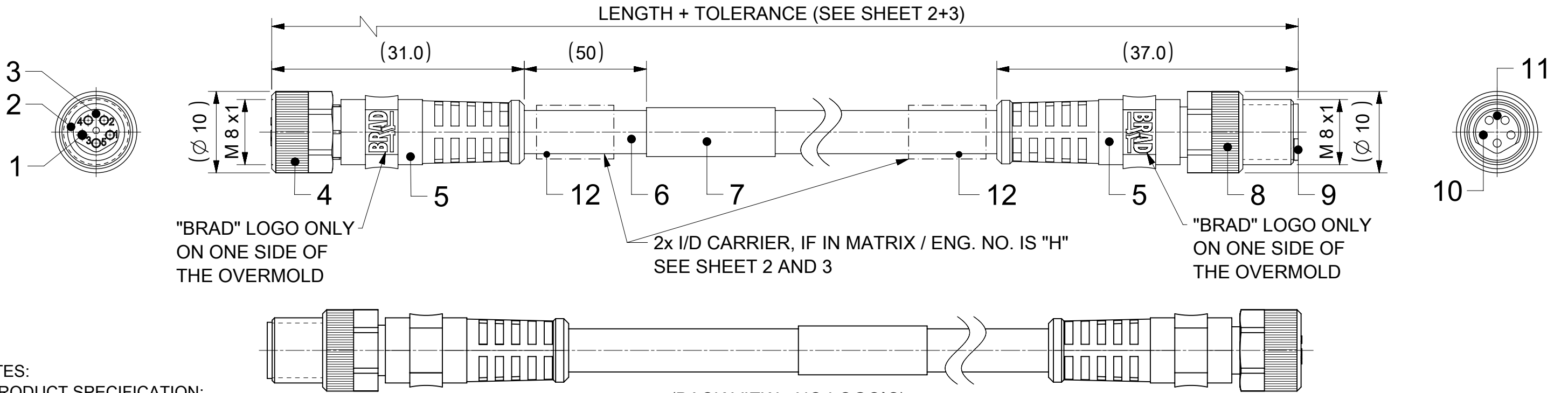


FEMALE PLUG M8 STRAIGHT TO MALE PLUG M8 STRAIGHT WSOR CABLES

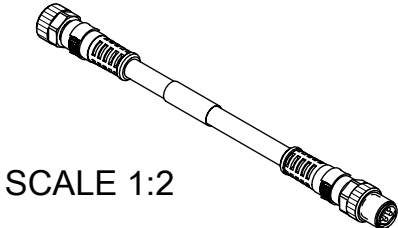


- NOTES:
- 1. PRODUCT SPECIFICATION:
 - RATED VOLTAGE: 3 contacts 60V AC/DC
 - 4 and 5 contacts 30V AC/DC
 - CURRENT RATING: 3, 4, 5 contacts 3A
 - PROTECTION CLASS: IP 67
 - TEMPERATURE: -25°C / +80°C
 - 2. PACKAGING: THE CORDSETS ARE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
 - 3. SAFETY: 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
 - 6. PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

CONTACTS POSITION FRONT VIEW:						
FEMALE	3 CONTACTS		4 CONTACTS		5 CONTACTS	
MALE	3 CONTACTS		4 CONTACTS		5 CONTACTS	
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

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	---



FUNCTIONAL SYMBOLS

$\nabla A = 0$

$\nabla E = 0$

$\nabla F = 0$

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 ± 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

CHK'D: RSILLER

APPR: RSILLER

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: RSILLER

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2023/08/24

2024/07/02

2024/07/02

2016/09/13

2018/12/10

A3-SIZE

120087

SEE PART LIST

GENERAL MARKET

1 OF 3

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200878716

DOC TYPE

PSD

DOC PART

000

REVISION

B

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

OPTIONS

44X030BX XXXXX

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

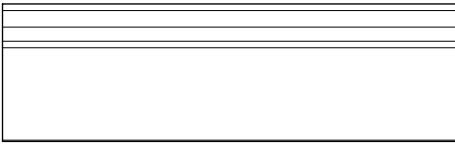
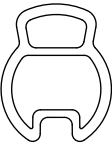
Cable type: See Table

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)

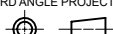
CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN: TEMP. / BENDING RADIUS	DRAG CHAIN	CABLE PRODUCT SPECIFICATION	CABLE SPEC. DRAWING
B41	3 / 4 / 5	0.25mm²	TPU Black	UL 21215/758	C22.2 I/II A/B 80°/600V	-40°C to +90°C 5xO.D.	-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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		molex CSE M8 M8 XP AC BC FE STR WSOR MA STR XM PRODUCT CUSTOMER DRAWING					
	mm		2:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
FA = 0	ANGULAR TOL				±	1.0 °		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		
FE = 0	4 PLACES		±				EC NO: 789428			
FE = 0	3 PLACES		±				DRWN: AKABADI		2023/08/24	
DIVISIONAL SYMBOLS	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		THIRD ANGLE PROJECTION		DRAWING		SERIES		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
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	10	9	8	7	6	5	4	3	2	1														
F	PART LIST										F													
	MOLEX PN.		ENGINEERING NO.		L [MM]		MOLEX PN.		ENGINEERING NO.		L [MM]													
E	3P CABLE B41					5P CABLE B41					E													
	1200878854		443030B41M005H		500	1200878715		445030B41M006		600														
	1200878703		443030B41M006		600	1200878716		445030B41M010		1000														
	1200878704		443030B41M010		1000	1200878717		445030B41M020		2000														
	1200878855		443030B41M010H		1000	1200878718		445030B41M030		3000														
	1200878956		443030B41M015		1500	1200878719		445030B41M050		5000														
	1200878705		443030B41M020		2000	1200878720		445030B41M100		10000														
	1200878856					443030B41M020H						2000												
	1200879039		443030B41M025		2500	1200878920		444030B55M020Y		2000														
	1200878706		443030B41M030		3000	1200878921		444030B55M050Y		5000														
D	1200878857		443030B41M030H		3000	A3-SIZE 120087					3 OF 3													
	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																			
C	1200878860		443030B41M150H		15000	SEE PART LIST					GENERAL MARKET													
	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																			
B	1200879040		444030B41M040		4000	CUSTOMER					SHEET NUMBER													
	1200878713		444030B41M050		5000																			
	1200879041		444030B41M080		8000																			
	1200878714		444030B41M100		10000																			
A	DOCUMENT STATUS		P1	RELEASE DATE		2024/07/02	09:18:37				A													
			9			8																		
			7			6																		
			5			4																		
			3			2																		
			1																					
FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
 = 0		DIMENSION UNITS		mm		SCALE		1:1		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														
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)																						
 = 0		ANGULAR TOL		±	1.0 °																			
DIVISIONAL SYMBOLS		4 PLACES		±																				
		3 PLACES		±																				
		2 PLACES		± 0.05																				
		1 PLACE		± 0.3																				
		0 PLACES		± 0.5																				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING	A3-SIZE		SERIES	120087	DOCUMENT NUMBER		1200878716		DOC TYPE	PSD	DOC PART	000	REVISION	B		