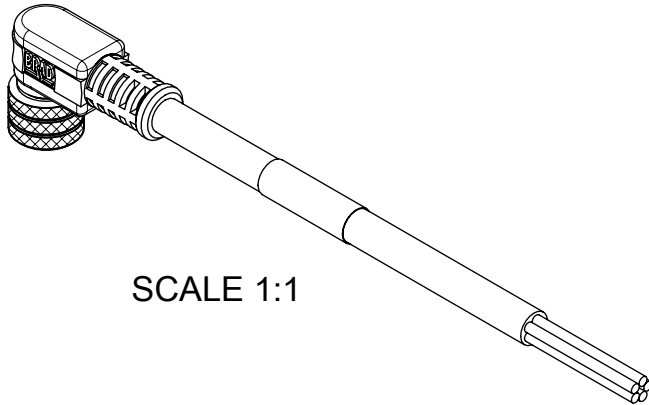
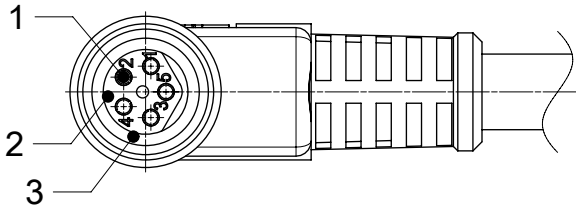
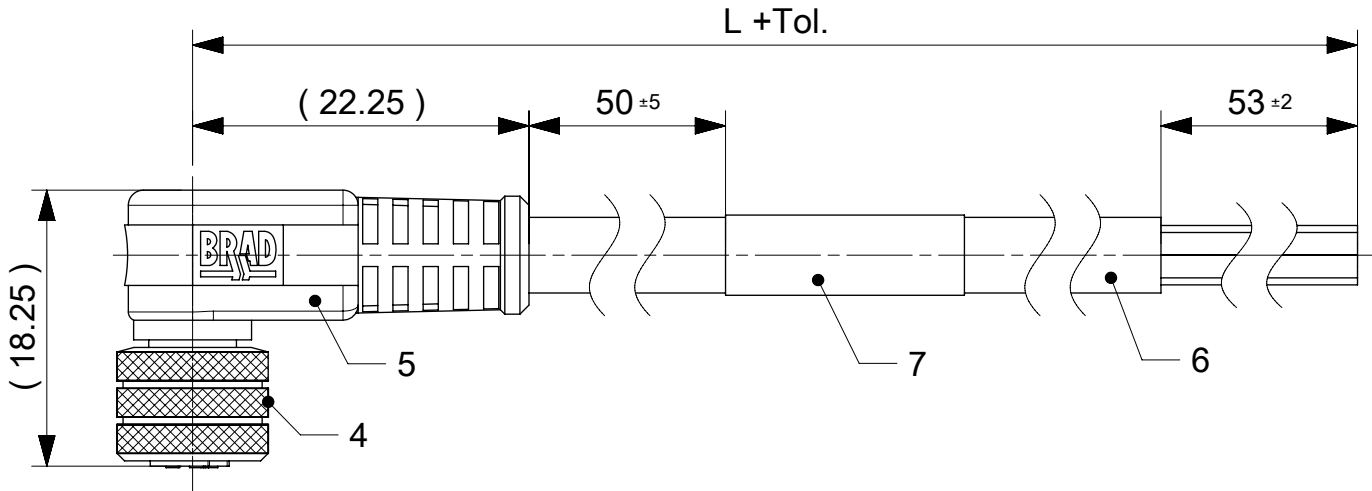
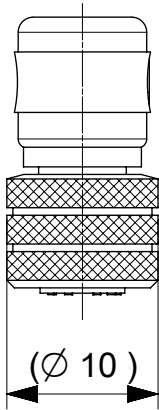


FEMALE PLUG M8 90° ANGLED



NOTES:
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

CONTACT POSITION FRONT VIEW:

3 CONTACTS		4 CONTACTS		5 CONTACTS	
PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN
2	-	2	WHITE	2	WHITE
3	BLUE	3	BLUE	3	BLUE
4	BLACK	4	BLACK	4	BLACK
				5	GREY
CODING ACCORDING TO IEC 61076-2-104					

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

7	1	LABEL	VINYL	-
	-	PRINTING FOR CABLES IXX	-	-
6	-	CABLE	SEE SHEET 2	-
5	-	OVERMOULDING BLACK	TPU	-
4	1	NUT M8 FEMALE	BRASS	NICKEL
3	1	O-RING RED	FKM	-
2	1	INSERT FEMALE BLACK	TPU	-
1	3 / 4 / 5	CONTACT M8 FEMALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
FUNCTIONAL SYMBOLS E A = 0 E = 0 E = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: MATRIX UPDATED					molex								
		mm		2:1															
		GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 672171 DRWN: RSCHIEBER2021/08/02 CHK'D: RSILLER2021/08/02 APPR: RSILLER2021/08/02 INITIAL REVISION: DRWN: FGAIK2016/11/02 APPR: RSILLER2016/11/14					CSE M8 XP AC BC RA XM SE							
		ANGULAR TOL ± 1.0 °																	
		4 PLACES		±															
		3 PLACES		±															
		2 PLACES		± 0.05															
		1 PLACE		± 0.3			PRODUCT CUSTOMER DRAWING												
		0 PLACES		± 0.5									DOCUMENT NUMBER			DOC TYPE		DOC PART	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		1200868179			PSD		000	
							A3-SIZE		120086		MATERIAL NUMBER			CUSTOMER			SHEET NUMBER		
											SEE PART LIST			GENERAL MARKET			1 OF 3		

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

OPTIONS

40X001XXXMMXXX

40=Nano-Change
M8x1
Single ended

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

Head style:
001=Plug Female Angled

Cable type: See Table

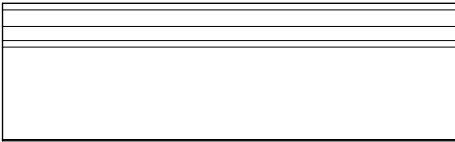
Units:
M=Meter

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

Overmold color:
Blank (Standard)=Black
G=Black / Y=Yellow
For cables K05, A10 = Yellow

Nut:
Blank (standard)=Knurled Brass Ni Plated
1=Stainless Steel
7=Teflon coat

H= 2 pcs. of I/D Carrier PVC Transparent
(Cables lxx & P82 always with
2 pcs. of I/D Carrier)



CABLE INFORMATION

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	TEMP. RATING	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
A10	4	0.25mm²	PVC YELLOW	UL 2661/1731	I/II A/B 105°C/300V	105°C	-	-	-	NO
E02	3 / 4 / 5	0.25mm²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°C/300V	-	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	NO
H08	3 / 4 / 5	0.25mm²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles, Temp max 60°C	NO
H09	4	0.34mm²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles, Temp max 60°C	NO
I02	3 / 4	0.25mm²	PVC (CEI) GREY	-	-	-	-30°C to +70°C	-5°C to +70°C	-	NO
K05	3	0.34mm²	TPE YELLOW	UL ITC OR PLTC	I/II A/B 90°C/300V	105°C	-	-	-	NO
P02	3 / 4 / 5	0.25mm²	PUR / PVC BLACK	-	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	NO
P82	3 / 4	0.34mm²	PUR ORANGE	-	-	-50°C to +105°C	-	-	-	NO

CABLE LENGTH TOLERANCES

OVER [mm]	UP TO AND INCLUDING [mm]	TOLERANCES [mm]
0	305	+19
305	915	+45
915	1830	+56
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% of finished length

SYMBOLS

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mm

1:1

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

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

120086

SEE PART LIST

GENERAL MARKET

2 OF 3

CURRENT REV DESC: MATRIX UPDATED

EC NO: 672171

DRWN: RSCHIEBER

CHK'D: RSILLER

APPR: RSILLER

2021/08/02

2021/08/02

2021/08/02

INITIAL REVISION:

DRWN: FGAIK

APPR: RSILLER

2016/11/02

2016/11/14

molex

CSE M8 XP AC BC RA XM SE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200868179

DOC TYPE

PSD

DOC PART

000

REVISION

A4

DOCUMENT STATUS

P1

RELEASE DATE

2021/08/02

10:31:25

FORMAT: master-b-prod-A3

REVISION: 14

DATE: 2018/01/18

9

8

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6

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3

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