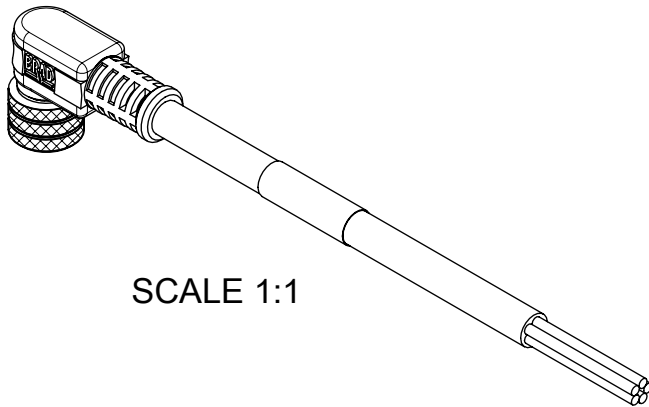
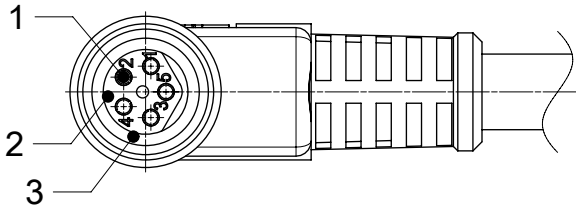
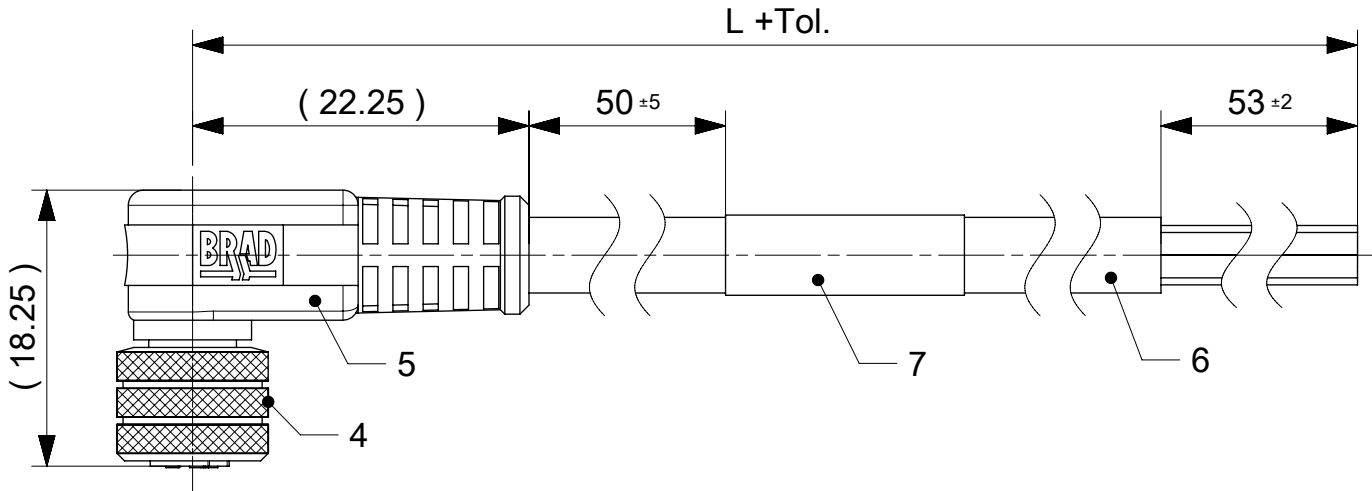
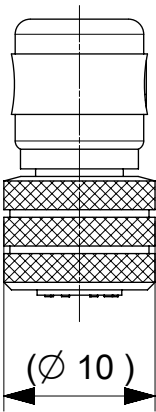


FEMALE PLUG M8 90° ANGLED



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
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

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					

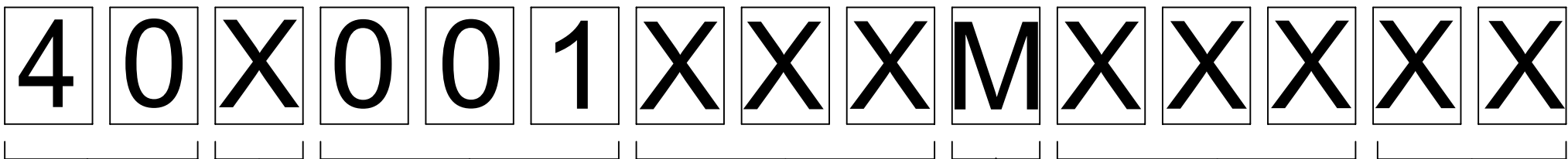
FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

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		DIMENSION UNITS		SCALE		CURRENT REV DESC: PACKAGING SPEC ADDED, NEW P/N'S ADDED							
E A = 0		mm		2:1		molex CSE M8 XP AC BC RA XM SE							
E = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)											
E = 0		ANGULAR TOL ± 1.0 °											
DIVISIONAL SYMBOLS		4 PLACES ±		EC NO: 770174									
		3 PLACES ±		DRWN: RSCHIEBER		2023/10/20							
		2 PLACES ± 0.05		CHK'D: RSILLER		2023/11/30							
		1 PLACE ± 0.3		APPR: RSILLER		2023/11/30							
		0 PLACES ± 0.5		INITIAL REVISION:		PRODUCT CUSTOMER DRAWING							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: FGAIK						DOCUMENT NUMBER			
				APPR: RSILLER						1200868179			
				THIRD ANGLE PROJECTION		DRAWING		DOC TYPE		DOC PART	REVISION		
						A3-SIZE		PSD		000	A6		
						SERIES		MATERIAL NUMBER		SHEET NUMBER			
						120086		SEE PART LIST SH 3		1 OF 3			
								CUSTOMER					
								GENERAL MARKET					

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

OPTIONS



40=Nano-Change M8x1 Single ended
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Poles:
3=3 Contacts
4=4 Contacts
5=5 Contacts

Head style:
001=Plug Female Angled

Cable type: See Table

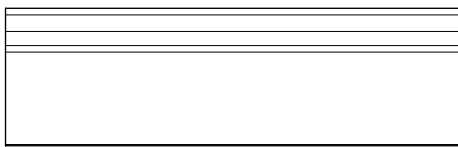
Units:
M=Meter

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
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% of finished length

DOCUMENT STATUS	P1	RELEASE DATE	2023/11/30	13:30:56
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FUNCTIONAL SYMBOLS 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		CURRENT REV DESC: PACKAGING SPEC ADDED, NEW P/N'S ADDED				molex CSE M8 XP AC BC RA XM SE										
	mm		1:1																
	GENERAL TOLERANCES (UNLESS SPECIFIED)																		
	ANGULAR TOL		± 1.0 °						PRODUCT CUSTOMER DRAWING										
	4 PLACES		±																
	3 PLACES		±		EC NO: 770174				DRWN: RSCHIEBER				2023/10/20						
	2 PLACES		± 0.05		CHK'D: RSILLER				2023/11/30				APPR: RSILLER			2023/11/30			
	1 PLACE		± 0.3		INITIAL REVISION:				DRWN: FGAIK				2016/11/02						
	0 PLACES		± 0.5						APPR: RSILLER				2016/11/14						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION			DRAWING		SERIES		DOCUMENT NUMBER			DOC TYPE		DOC PART		REVISION	
							A3-SIZE		120086		1200868179			PSD		000		A6	
											MATERIAL NUMBER			CUSTOMER				SHEET NUMBER	
											SEE PART LIST SH 3			GENERAL MARKET				2 OF 3	

