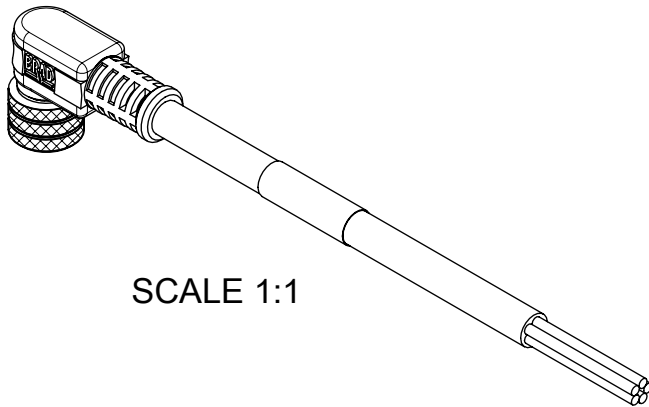
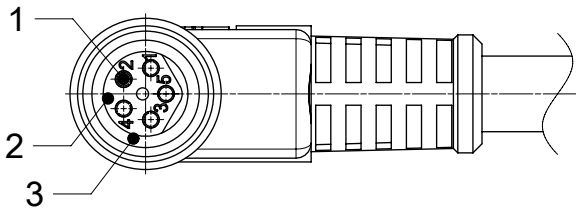
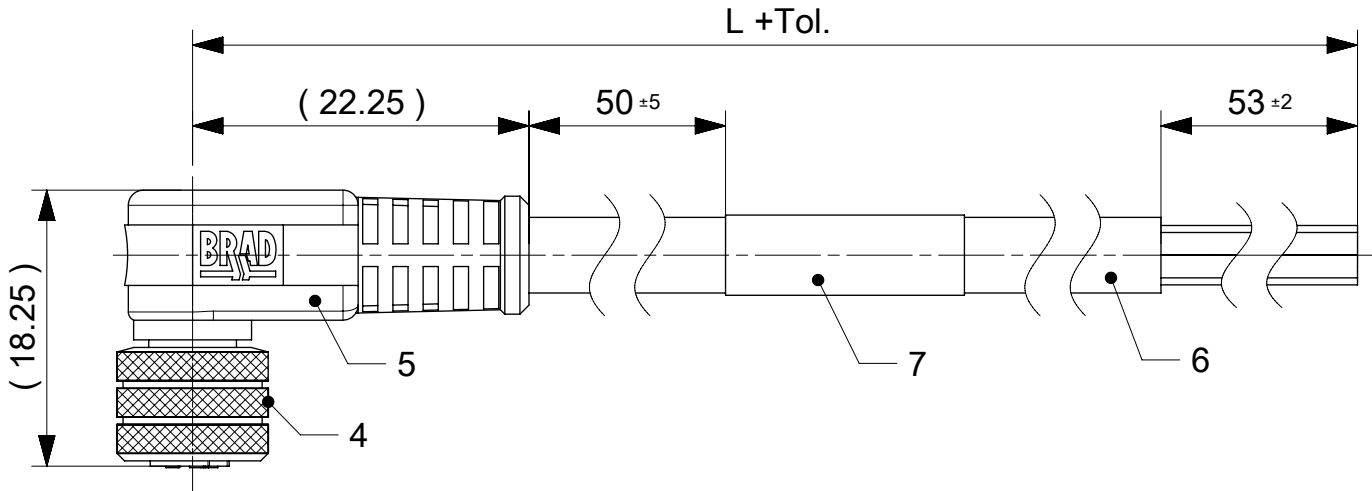
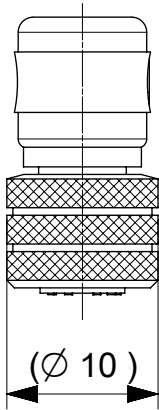


FEMALE PLUG M8 90° ANGLED



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

FUNCTIONAL SYMBOLS DIMENSION UNITS SCALE CURRENT REV DESC: PACKAGING SPEC ADDED, NEW P/N'S ADDED EC NO: 770174 DRWN: RSCHIEBER CHK'D: RSILLER APPR: RSILLER INITIAL REVISION: DRWN: FGAIK APPR: RSILLER DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER	0	mm	2:1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				GENERAL TOLERANCES (UNLESS SPECIFIED)			
				ANGULAR TOL ± 1.0 °			
				4 PLACES ±			
				3 PLACES ±			
				2 PLACES ± 0.05			
				1 PLACE ± 0.3			
				0 PLACES ± 0.5			
				DOCUMENT NUMBER			
				1200868179			
DIVISIONAL SYMBOLS	0	mm	2:1	CSE M8 XP AC BC RA XM SE			
				PRODUCT CUSTOMER DRAWING			
				DOC TYPE DOC PART REVISION			
				PSD 000 A6			
				MATERIAL NUMBER			
				SEE PART LIST SH 3			
				CUSTOMER			
				GENERAL MARKET			
				SHEET NUMBER			
				1 OF 3			

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

OPTIONS

4 0 X 0 0 1 X X X M X X X X X

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

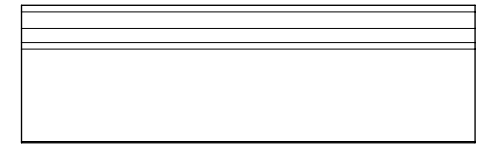
Units:
M=Meter

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 1xx & 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

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: PACKAGING SPEC ADDED, NEW P/N'S ADDED					molex					
	mm		1:1												
F A = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				CSE M8 XP AC BC RA XM SE										
F E = 0	ANGULAR TOL ± 1.0 °														
F F = 0	4 PLACES		±		EC NO: 770174 DRWN: RSCHIEBER2023/10/20 CHK'D: RSILLER2023/11/30 APPR: RSILLER2023/11/30					PRODUCT CUSTOMER DRAWING					
DIVISIONAL SYMBOLS	3 PLACES		±												
	2 PLACES		± 0.05												
	1 PLACE		± 0.3		DOCUMENT NUMBER 1200868179					DOC TYPE PSD		DOC PART 000		REVISION A6	
	0 PLACES		± 0.5							INITIAL REVISION: DRWN: FGAIK2016/11/02 APPR: RSILLER2016/11/14					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 120086							MATERIAL NUMBER SEE PART LIST SH 3

