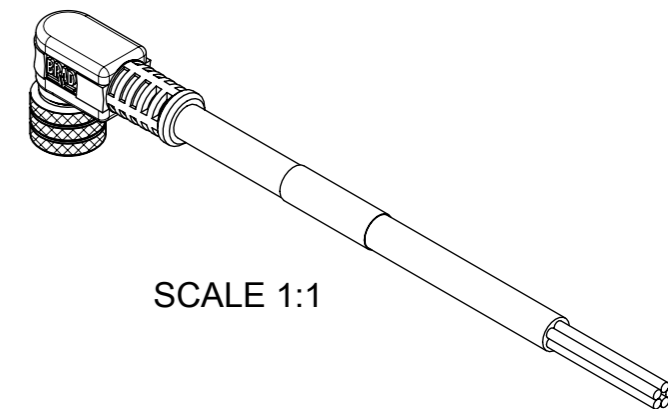
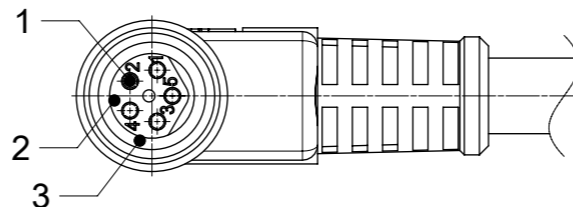
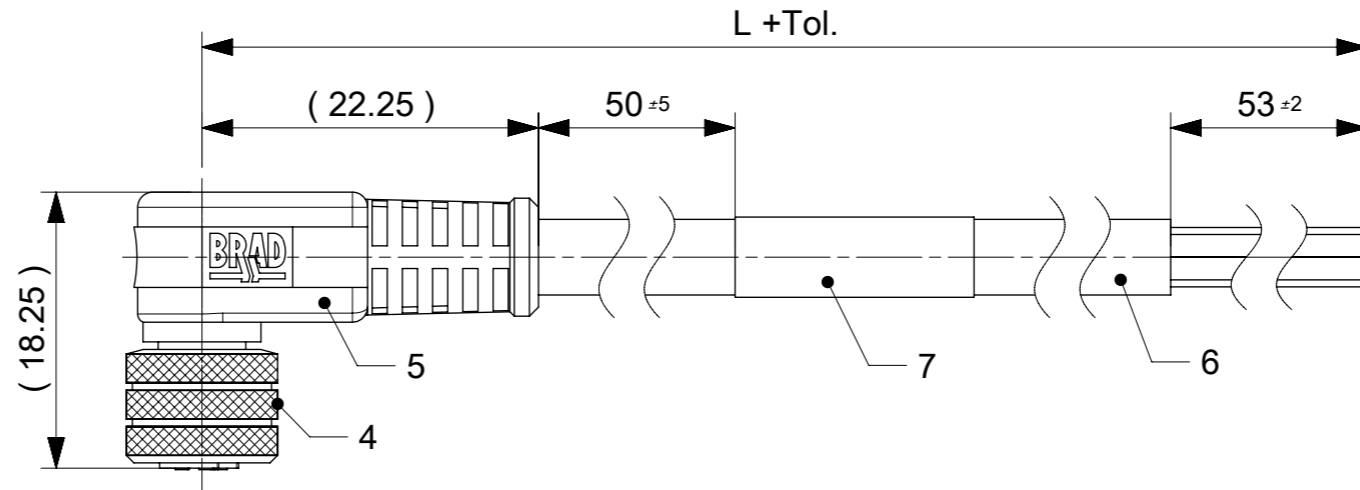
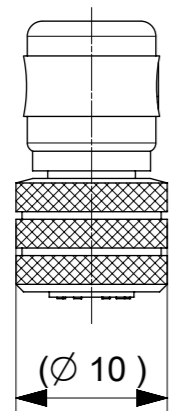


FEMALE PLUG M8 90° ANGLED



SCALE 1:1

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 3	PIN 1	PIN 3	PIN 1	PIN 3	PIN 1
PIN 4	PIN 2	PIN 4	PIN 2	PIN 4	PIN 2
				PIN 5	
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

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
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

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517104	molex	
mm	2:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)			CSE M8 XP AC BC RA XM SE	
ANGULAR TOL	± 1.0 °	EC NO: 836952	PRODUCT CUSTOMER DRAWING	
4 PLACES	±	DRWN: SAMPRS	2025/10/10	
3 PLACES	±	CHK'D: GGA	2025/10/16	
2 PLACES	± 0.05	APPR: GGA	2025/10/16	
1 PLACE	± 0.3	INITIAL REVISION:		DOCUMENT NUMBER
0 PLACES	± 0.5	DRWN: FGAIK	2016/11/02	1200868179
		APPR: RSILLER	2016/11/14	PSD 000 A7
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
		A3-SIZE	120086	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

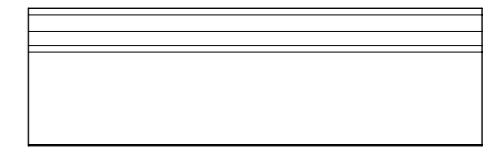
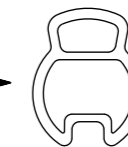
Units:
M=Meter

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 Ixx & 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	0.25mm ²	PVC YELLOW	UL 2661/1731	I/II A/B 105°C/300V	105°C	-	-	-	NO
E02	3 / 4 / 5	0.25mm ²	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	0.25mm ²	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	0.34mm ²	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	0.25mm ²	PVC (CEI) GREY	-	-	-	-30°C to +70°C	-5°C to +70°C	-	NO
K05	3	0.34mm ²	TPE YELLOW	UL ITC OR PLTC	I/II A/B 90°C/300V	105°C	-	-	-	NO
P02	3 / 4 / 5	0.25mm ²	PUR / PVC BLACK	-	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	NO
P82	3 / 4	0.34mm ²	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

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517104	molex		
mm	1:1				
GENERAL TOLERANCES (UNLESS SPECIFIED)			CSE M8 XP AC BC RA XM SE		
ANGULAR TOL	± 1.0 °		PRODUCT CUSTOMER DRAWING		
4 PLACES	±	EC NO: 836952	DOCUMENT NUMBER		
3 PLACES	±	DRWN: SAMPRS	2025/10/10	DOC TYPE	DOC PART
2 PLACES	± 0.05	CHK'D: GGA	2025/10/16	REVISION	
1 PLACE	± 0.3	APPR: GGA	2025/10/16		
0 PLACES	± 0.5	INITIAL REVISION:			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRWN: FGAIK	2016/11/02	1200868179
THIRD ANGLE PROJECTION			APPR: RSILLER	2016/11/14	PSD 000 A7
DRAWING			SERIES	MATERIAL NUMBER	CUSTOMER
A3-SIZE			120086	SEE PART LIST SH 3	GENERAL MARKET
SHEET NUMBER			2 OF 3		

