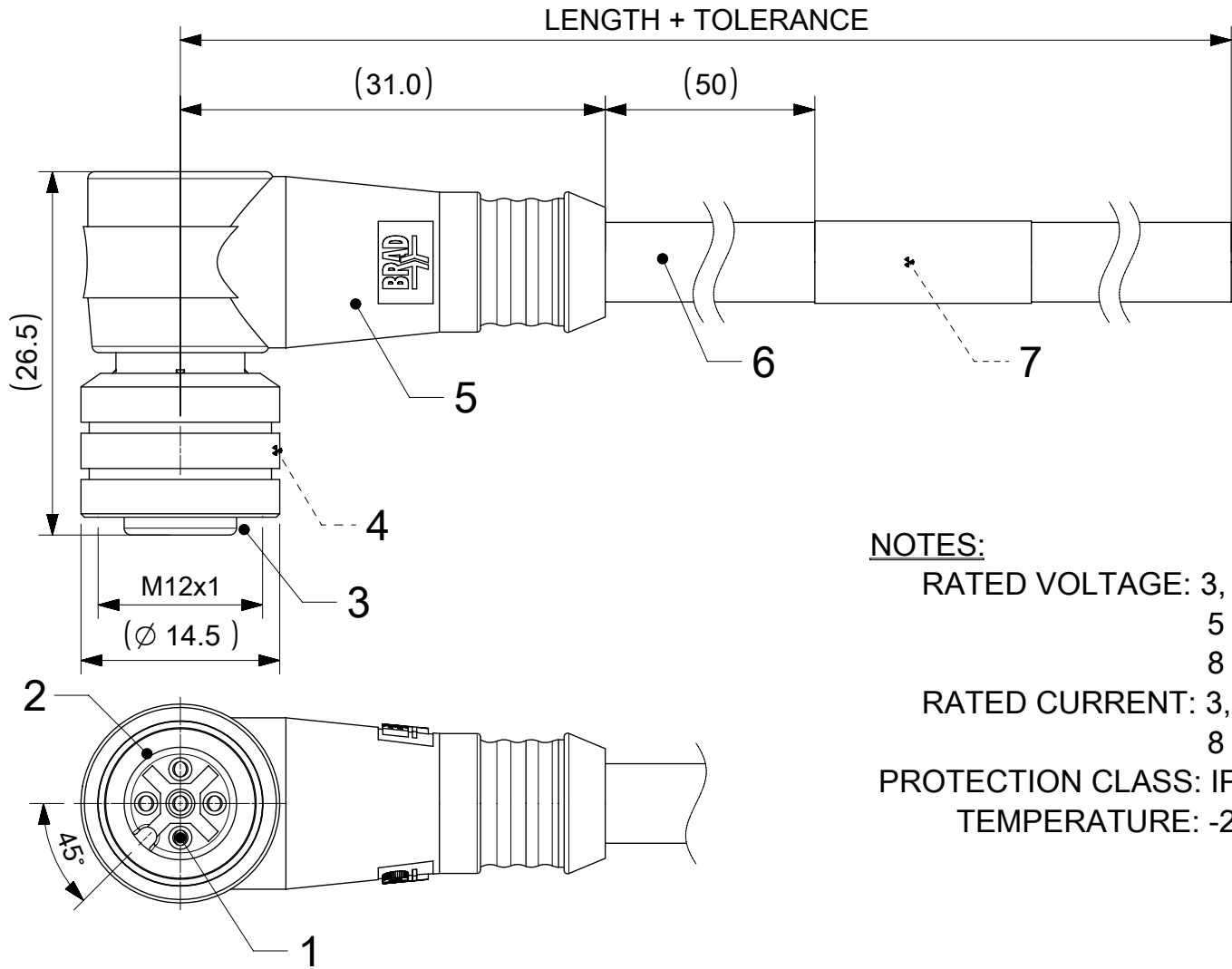
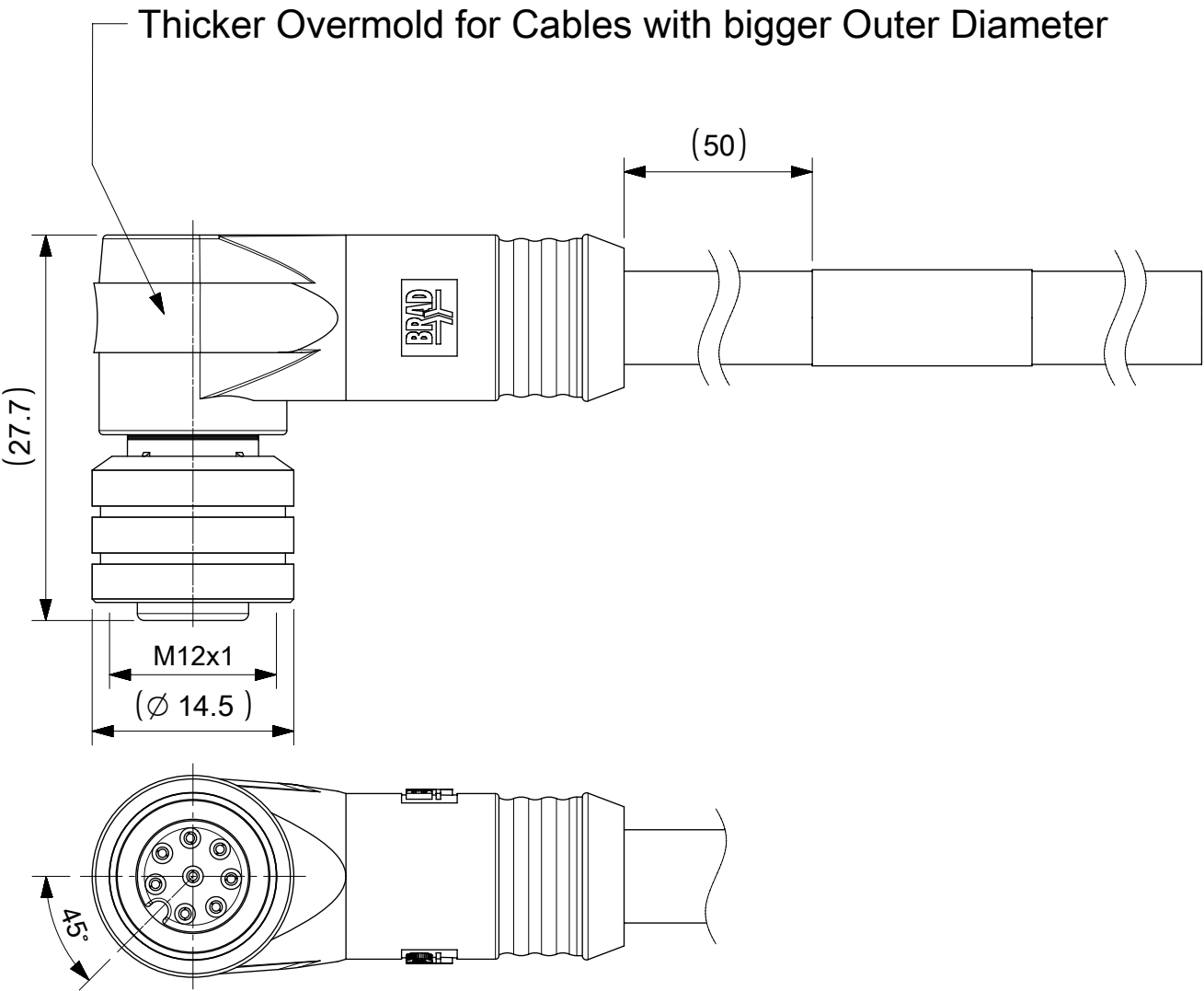


10	9	8	7	6	5	4	3	2	1				
CABLE INFORMATION (FOR MORE INFORMATION SEE CABLE DATA SHEET.)													
CABLE TYPE	No OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD				
S19	8	0.25mm ²	PVC YELLOW	UL 2661/1569	C22.2 II A 105°C/300V	-30°C TO +105°C, 10xO.D.	-15°C TO +105°C, 15xO.D.	-	YES				
S20	3 / 4 / 5	0.34mm ²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C TO +105°C	-	-	YES				
S26	5	0.34mm ²	PVC YELLOW	UL 2661/1731		-30°C TO +105°C	-	-	YES				
P19	8	0.25mm ²	PUR BLACK	-	-	-40°C TO +90°C, 7.5xO.D.	-15°C TO +90°C, 12.5xO.D.	2 000 000 CYCLES, 15xO.D.	YES				
P20	3 / 4 / 5	0.34mm ²	PUR BLACK	-	-	-30°C TO +80°C	-	-	YES				
TABLE 1													
MOLEX PN	ENGINEERING No	L [mm]											
1200100341	804S01S20M010	1000											
1200100342	804S01S20M020	2000											
1200100249	804S01P20M080	8000											
1200100291	804S01S20M0501	5000											
1200690187	804S01P20M050	5000											
1200695042	803S01P20M050	5000											
1200698003	803S01P20M020	2000											
1200698005	804S01P20M250	25000											
1200698010	803S01P20M100	10000											
1200698016	804S01P20M100	10000											
1200698017	804S01S20M100	10000											
1200698021	805S01S26M050	5000											
1200698022	805S01S26M060	6000											
1200698064	804S01S20M2501	25000											
1200698079	804S01P20M020	2000											
1200698098	804S01P20M0501G	5000											
1200698122	805S01S20M100	10000											
1200698142	805S01S26M040	4000											
1200698188	805S01P20M050	5000											
1200698189	805S01P20M100	10000											
1200698190	805S01P20M020	2000											
1200698364	805S01P20M050H	5000											
1200698366	805S01P20M150H	15000											
1200698430	804S01P20M150	15000											
1200698755	805S01P20M1501	15000											
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: OBSOLETED PART NUMBERS AS PER PCN#506884			mo lex						
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL		±	°				EC NO: 662770 DRWN: SUGEEB CHK'D: GGA APPR: GGA						
4 PLACES		±											
3 PLACES		±											
2 PLACES		±		2021/02/24 2021/06/02 2021/06/02			PRODUCT CUSTOMER DRAWING						
1 PLACE		±		INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES		±		DRWN: MMATLA APPR: MIWASIECZKO			2016/07/20 2016/07/22		1200100247		PSD	00P	A2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE	120010	SEE TABLE				2 OF 2	
DOCUMENT STATUS	P1	RELEASE DATE	2021/06/02	05:45:11									
FORMAT: master-b-prod-A3 REVISION: J DATE: 2020/01/14	9	8	7	6	5	4	3	2	1				

FEMALE PLUG M12 90° ANGLED



NOTES:
RATED VOLTAGE: 3, 4 contacts 250V
5 contacts 60V
8 contacts 30V
RATED CURRENT: 3, 4, 5 contacts 4A
8 contacts 2A
PROTECTION CLASS: IP 67
TEMPERATURE: -25°C / +85°C



CONTACTS POSITION FRONT VIEW:

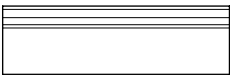
3 CONTACTS		4 CONTACTS		5 CONTACTS		8 CONTACTS	
PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN	1	WHITE
2	---	2	WHITE	2	WHITE	2	BROWN
3	BLUE	3	BLUE	3	BLUE	3	GREEN
4	BLACK	4	BLACK	4	BLACK	4	YELLOW
5	---	5	---	5	GREY	5	GREY
						6	PINK
						7	BLUE
						8	RED
SHIELD CONNECTED TO THE COUPLING NUT							
CODING REQUIRED TO IEC 61076-2-101							
DOCUMENT STATUS	P1	RELEASE DATE	2021/06/02	05:45:48			

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

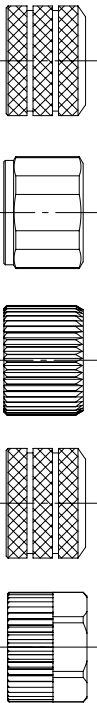
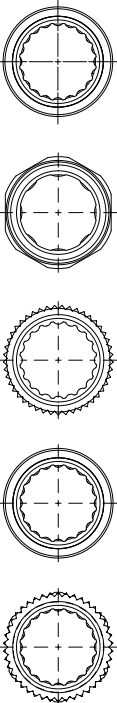
7	1	LABEL YELLOW	VINYL	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOLDING BLACK	TPU	---
4	1	COUPLING NUT FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE BLACK	PUR	---
2	1	ORING RED	FPM	---
1	3 / 4 / 5 / 8	CONTACT M12 FEMALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884		
mm	2:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)				
ANGULAR TOL ± 1.0 °				
4 PLACES	±	EC NO: 662770	molex CSE M12 XP AC FE RA XM SE SH	
3 PLACES	±	DRWN: SUGEEB 2021/02/26		
2 PLACES	± 0.05	CHK'D: GGA 2021/06/02		
1 PLACE	± 0.1	APPR: GGA 2021/06/02		
0 PLACES	± 0.2	INITIAL REVISION:	PRODUCT CUSTOMER DRAWING	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: AKONDRACIUK 2017/04/29	DOCUMENT NUMBER	DOC TYPE
		APPR: MIWASIECZKO 2017/05/04	1200698017	PSD
THIRD ANGLE PROJECTION		DRAWING	SERIES	DOC PART
		A3-SIZE	120069	REVISION
			MATERIAL NUMBER	A1
			CUSTOMER	
			SHEET NUMBER	
			SEE TABLE	1 OF 3
			GENERAL MARKET	

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

OPTIONS



H= 2 pcs. of I/D Carrier
PVC Transparent



80XS01XXXXXX

80=M12x1
Single ended

Contacts:
3=3 Contacts
4=4 Contacts
5=5 Contacts
8=8 Contacts

Heads style:
S01=Plug Shield Female
90° Angled

Cable type: See Table

Units:
M=Meter
C=Centimeter

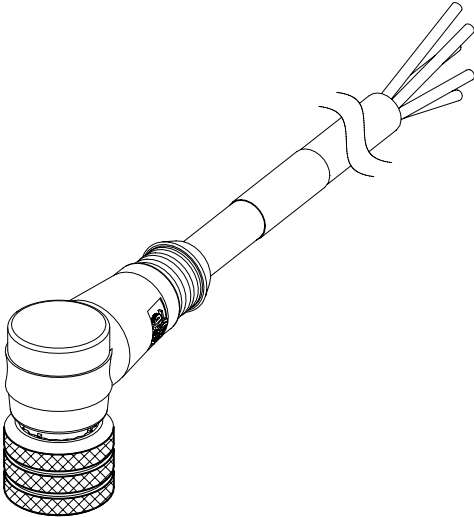
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

Overmold color:
Blank (Standard)=Yellow TPU
Blank=Yellow TPU for cables S20,S26
Blank=Black TPU for cables P19,P20
A=Grey / G=Black / Y=Yellow

Coupling Nut:
Blank (Standard) & 3=Knurled Brass Ni Plated
1=Hexagonal Stainless steel
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated
Blank=7 for cables I20, I26, K03, K05, P82, S26
9=Knurled / Hexagonal Brass Ni Plated SW13

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	SHIELD
P19	8	0.25mm²	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	2 000 000 cycles, 15xO.D.	YES
P20	3 / 4 / 5	0.34mm²	PUR BLACK LS0H	-	-	-30°C to +80°C	-	-	YES
S20	3 / 4 / 5	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES
S26	5	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES



SCALE 1:1

CABLE LENGTH TOLERANCES

OVER	UP TO AND INCLUDING	TOLERANCES
0	305mm	+19mm
305mm	915mm	+45mm
915mm	1830mm	+56mm
1830mm	3660mm	+89mm
3660mm	7320mm	+165mm
7320mm	14640mm	+317mm
14640mm	30500mm	+610mm
30500mm	>	+2% of finished length

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.1

0 PLACES ± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884

EC NO: 662770

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

INITIAL REVISION:

DRWN: AKONDRACIUK

APPR: MIWASIECZKO

2021/02/26

2021/06/02

2021/06/02

2017/04/29

2017/05/04

DOCUMENT NUMBER

1200698017

DOC TYPE

PSD

DOC PART

000

REVISION

A1

MATERIAL NUMBER

SEE TABLE

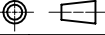
CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

THIRD ANGLE PROJECTION



DRAWING

A3-SIZE

SERIES

120069

PART LIST

No	Part No	Engineering No	Cable Length [m]
1	1200100291	804S01S20M0501	5
2	1200698017	804S01S20M100	10
3	1200698064	804S01S20M2501	25
4	1200698122	805S01S20M100	10
5	1200699461	804S01S20M025	2.5
6	1200698021	805S01S26M050	5
7	1200698022	805S01S26M060	6
8	1200698142	805S01S26M040	4
9	1200698078	808S01P19M020	2
10	1200698214	808S01P19M100	10
11	1200698446	808S01P19M200	20
12	1200100249	804S01P20M080	8
13	1200690187	804S01P20M050	5
14	1200695042	803S01P20M050	5
15	1200698003	803S01P20M020	2
16	1200698005	804S01P20M250	25
17	1200698010	803S01P20M100	10
18	1200698016	804S01P20M100	10
19	1200698079	804S01P20M020	2
20	1200698098	804S01P20M0501G	5
21	1200698188	805S01P20M050	5
22	1200698189	805S01P20M100	10
23	1200698190	805S01P20M020	2
24	1200698364	805S01P20M050H	5
25	1200698366	805S01P20M150H	15
26	1200698430	804S01P20M150	15
27	1200698755	805S01P20M1501	15
28	1200699398	805S01P20M200	20
29	1200699399	805S01P20M150	15
30	1200699417	805S01P20M030	3

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.1

0 PLACES ± 0.2

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NUMBERS
AS PER PCN#506884

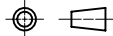
EC NO: 662770
DRWN: SUGEEB
CHK'D: GGA
APPR: GGA

2021/02/26
2021/06/02
2021/06/02

INITIAL REVISION:
DRWN: AKONDRACIUK
APPR: MIWASIECZKO

2017/04/29
2017/05/04

THIRD ANGLE PROJECTION



DRAWING

A3-SIZE

SERIES

120069

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 3

1200698017

PSD

000

A1

DOCUMENT NUMBER

1200698017

DOC TYPE

PSD

DOC PART

000

REVISION

A1

molex

CSE M12 XP AC FE RA XM SE SH

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2021/06/02

05:45:48

9

8

7

6

5

4

3

2

1