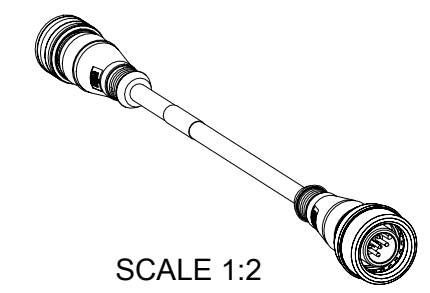
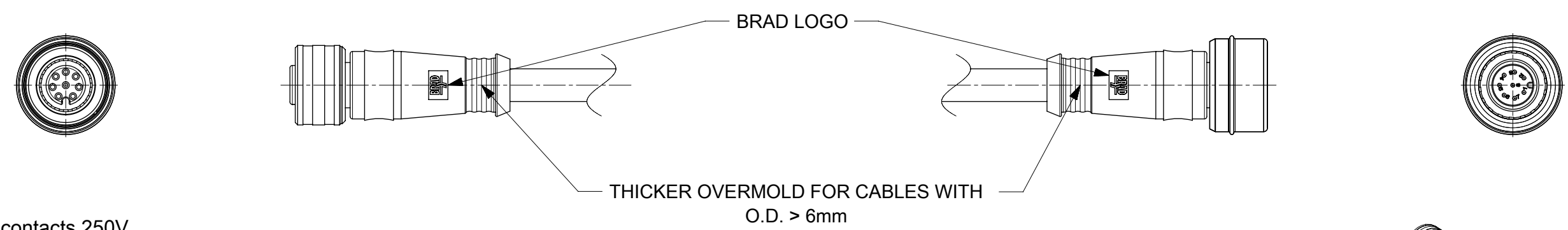
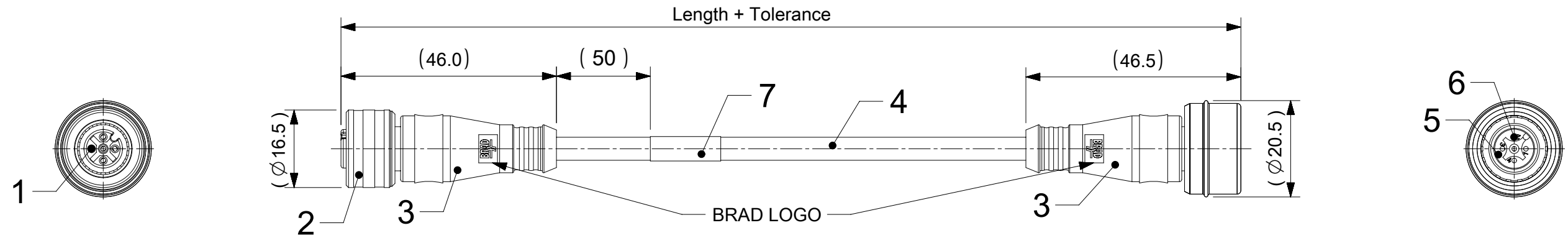


FEMALE PLUG M12U STRAIGHT TO MALE PLUG M12U STRAIGHT



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 / +80°C

CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS		8 CONTACTS	
FEMALE								
MALE								
CONNECTIONS	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	GREY OR GREEN/YELLOW	5	GREY
							6	PINK
							7	BLUE
						8	RED	

CODING REQUIRED TO IEC 61076-2-101

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	1	LABEL YELLOW	VINYL	-
6	3 / 4 / 5 / 8	CONTACT MALE	BRASS	SELECTIVE GOLD OVER NICKEL
5	1	PLUG U12 MALE XP	PUR, BRASS	-
4	-	CABLE	SEE SHEET 2	-
3	-	OVERMOULDING BLACK	TPU	-
2	1	PLUG U12 FEMALE XP	PUR, BRASS	-
1	3 / 4 / 5 / 8	CONTACT FEMALE	BRASS	SELECTIVE GOLD OVER NICKEL

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC: MALE PLUG UPDATED			
$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_F = 0$	DIMENSION UNITS: mm SCALE: 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0°	EC NO: 695694 DRWN: MDHARMANTI 2022/01/21 CHK'D: RSILLER 2022/02/15 APPR: RSILLER 2022/02/15	EC NO: 695694 DRWN: MDHARMANTI 2022/01/21 CHK'D: RSILLER 2022/02/15 APPR: RSILLER 2022/02/15		
DIVISIONAL SYMBOLS	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: A3-SIZE SERIES: 120080	MATERIAL NUMBER: SEE MATRIX CUSTOMER: GENERAL MARKET
DOCUMENT NUMBER: 1200805076 DOC TYPE: PSD DOC PART: 000 REVISION: A			SHEET NUMBER: 1 OF 3		

ENGINEERING NO. - NUMERICAL CODE

OPTIONS

W W X 0 3 0 X X X M X X X X X

W = M12
Ultra-Lock

W = M12
Ultra-Lock

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

Heads style:
030=Plug Female Straight
to Plug Male Straight

Cable type: See Table

Units:
M=Meter

Length
Examples:
005=0.5m
010=1m
100=10m


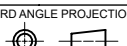
Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow
H=2x ID CARRIER

CABLE INFORMATION

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
E03	3 / 4 / 5	0.34mm 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.	-	-
H08	3 / 4 / 5 / 8	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 at 20°C, Temp. range +5°C to +60°C	-
H09	3 / 4 / 5	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 at 20°C, Temp. range +5°C to +60°C	-
P02	3 / 4 / 5 / 8	0.25mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P03	3 / 4 / 5	0.34mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P82	5	0.34mm ²	PUR / IRR ORANGE	-	-	-50°C to +105°C, 5xO.D.	-40°C to +105°C, 7.5xO.D.	-	-

CABLE LENGTH TOLERANCES


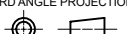
OVER [mm]	UP TO AND INCLUDING [mm]	TOLERANCES [mm]
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% of finished length

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FE = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: MALE PLUG UPDATED		
	DIMENSION UNITS	SCALE	 CSE U12 XP AC STR PUR/PVC MA XP STR XM DE		
	mm	1:1			
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 695694		
ANGULAR TOL ± 1.0°		DRWN: MDHARMANTI 2022/01/21			
4 PLACES ±		CHK'D: RSILLER 2022/02/15			
3 PLACES ±		APPR: RSILLER 2022/02/15			
2 PLACES ± 0.05		INITIAL REVISION:			
1 PLACE ± 0.3		DRWN: MDHARMANTI 2022/01/21			
0 PLACES ± 0.5		APPR: RSILLER 2022/02/15			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	120080	1200805076
		CUSTOMER	SHEET NUMBER		DOC TYPE DOC PART REVISION
		GENERAL MARKET	2 OF 3		PSD 000 A

PART LIST

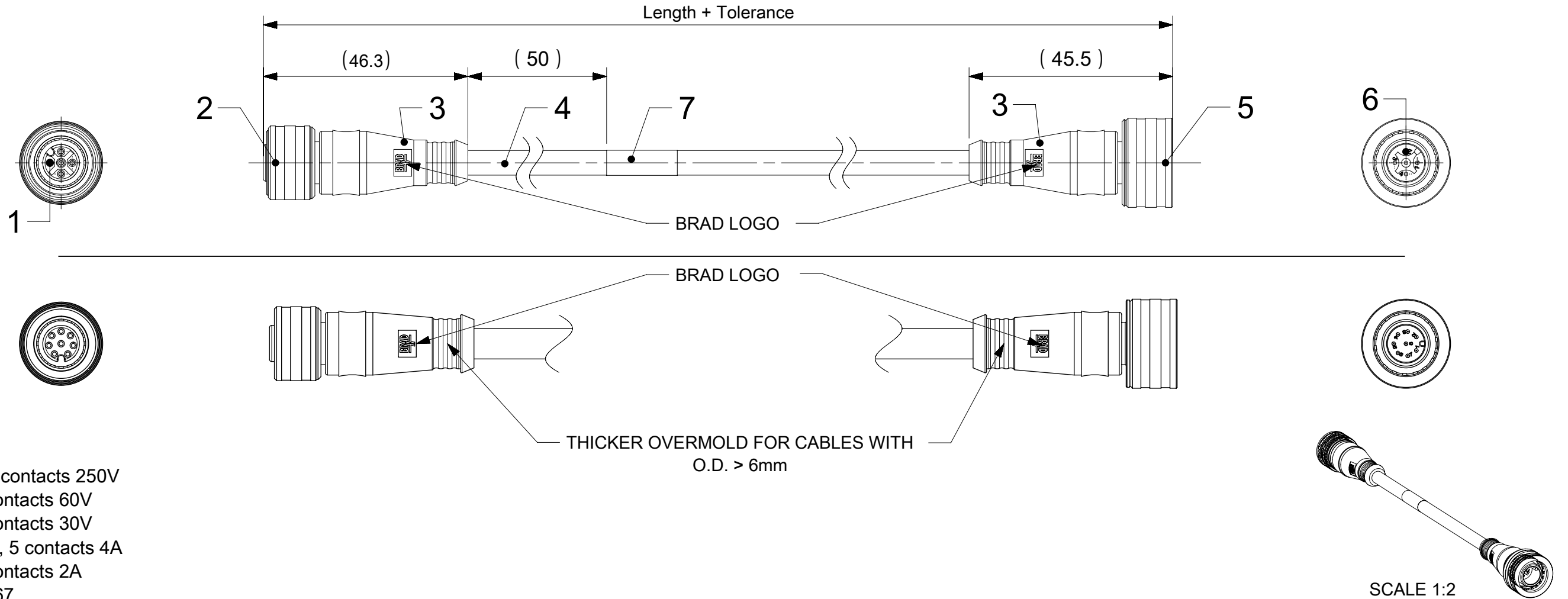
NO.	MOLEX PN	ENGINEERING NO.	LENGTH
1	1200808154	WW5030P82M020	2M
2	1200808155	WW5030P82M030	3M
3	1200808156	WW5030P82M050	5M
4	1200808157	WW5030P82M070	7M
5	1200808158	WW5030P82M100	10M
6	1200210002	WW4030E03M050	5M
7	1200800469	WW4030E03M010	1M
8	1200800470	WW4030E03M020	2M
9	1200805076	WW5030E03M010	1M
10	1200808016	WW5030E03M050	5M
11	1200805018	WW4030P03M020	2M
12	1200805022	WW4030P03M005	0.5M
13	1200805044	WW4030P03M006	0.6M
14	1200805049	WW5030P03M006	0.6M
15	1200805050	WW5030P03M010	1M
16	1200805051	WW5030P03M020	2M
17	1200808115	WW4030P03M018	1.8M
18	1200808133	WW5030P03M100	10M
19	1200805019	WW5030P03M050	5M
20	1200805048	WW4030P03M050	5M
21	1200805052	WW5030P03M030	3M
22	1200805053	WW5030P03M040	4M
23	1200808070	WW5030P03M050A	5M
24	1200808071	WW5030P03M020A	2M
25	1200805083	WW8030P02M010	1M
26	1200805096	WW8030P02M020	2M
27	1200808043	WW5030P02M003G	0.3M
28	1200805097	WW8030P02M050	5M
29	1200808072	WW8030P02M020A	2M
30	1200808073	WW8030P02M050A	5M
31	1200808129	WW8030P02M0208	2M

NO.	MOLEX PN	ENGINEERING NO.	LENGTH
32	1200808026	WW3030H09M010	1M
33	1200808031	WW4030H09M010	1M
34	1200808039	WW5030H09M010	1M
35	1200808107	WW5030H09M020	2M
36	1200808033	WW8030H08M010	1M
37	1200808139	WW8030H08M020	2M
38	1200808140	WW8030H08M050	5M
39	1200798157	WW5030E03M100	10M
40	1200798158	WW8030H08M100	10M
41	1200210001	WW4030E03M100	10M
42	1200808015	WW5030E03M020	2M

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: MALE PLUG UPDATED							
	$\nabla_A = 0$ $\nabla_B = 0$ $\nabla_C = 0$	DIMENSION UNITS mm							SCALE 1:1	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 695694 DRWN: MDHARMANTI 2022/01/21 CHK'D: RSILLER 2022/02/15 APPR: RSILLER 2022/02/15 INITIAL REVISION: DRWN: MDHARMANTI 2022/01/21 APPR: RSILLER 2022/02/15			CSE U12 XP AC STR PUR/PVC MA XP STR XM DE PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL $\pm 1.0^\circ$									
	4 PLACES	\pm								
	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	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
			A3-SIZE	120080	SEE MATRIX	GENERAL MARKET	1200805076	PSD	000	A

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/15	13:53:25
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FEMALE PLUG M12U STRAIGHT TO MALE PLUG M12U STRAIGHT



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 / +80°C

CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS		8 CONTACTS	
FEMALE								
MALE								
CONNECTIONS	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	GREY OR GREEN/YELLOW	5	GREY
							6	PINK
							7	BLUE
						8	RED	

CODING REQUIRED TO IEC 61076-2-101

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
7	1	LABEL YELLOW	VINYL	-
6	3 / 4 / 5 / 8	CONTACT MALE	BRASS	SELECTIVE GOLD OVER NICKEL
5	1	PLUG U12 MALE XP	PUR, BRASS	-
4	-	CABLE	SEE SHEET 2	-
3	-	OVERMOULDING BLACK	TPU	-
2	1	PLUG U12 FEMALE XP	PUR, BRASS	-
1	3 / 4 / 5 / 8	CONTACT FEMALE	BRASS	SELECTIVE GOLD OVER NICKEL

QUALITY SYMBOLS FA = 0 FE = 0 FF = 0 FV = 0 FC = 0 FX = 0 FS = 0 FT = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS: mm SCALE: 1:1			
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 °		DRWN BY: MKOWALCZYK01 DATE: 2017/05/18			M12U-XP-FE-STR-XP-M-STR-XM
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5		CHK'D BY: MIWASIECZKO DATE: 2017/05/31			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: A3 THIRD ANGLE PROJECTION			SERIES: 120080 MATERIAL NUMBER: SEE MATRIX CUSTOMER: GENERAL MARKET
EC NO: 178454 DRWN: SSM CHK'D: SSM REV APPR: RSILLER 2018/06/21 2018/06/27 2018/06/28		A2		DOCUMENT NUMBER: 1200805076 DOC TYPE: PSD DOC PART: 00P SHEET NUMBER: 1 OF 3		

ENGINEERING NO. - NUMERICAL CODE

OPTIONS

W W X 0 3 0 X X X M X X X X X

W = M12
Ultra-Lock

W = M12
Ultra-Lock

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

Heads style:
030=Plug Female Straight
to Plug Male Straight

Cable type: See Table

Units:
M=Meter

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

Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow

H=2x ID CARRIER

CABLE INFORMATION

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
E03	3 / 4 / 5	0.34mm 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.	-	-
H08	3 / 4 / 5 / 8	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 at 20°C, Temp. range +5°C to +60°C	-
H09	3 / 4 / 5	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 at 20°C, Temp. range +5°C to +60°C	-
P02	3 / 4 / 5 / 8	0.25mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P03	3 / 4 / 5	0.34mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P82	5	0.34mm ²	PUR / IRR ORANGE	-	-	-50°C to +105°C, 5xO.D.	-40°C to +105°C, 7.5xO.D.	-	-

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

<p>QUALITY SYMBOLS</p> <p>FA = 0</p> <p>FE = 0</p> <p>FP = 0</p> <p>FV = 0</p> <p>FC = 0</p> <p>FX = 0</p> <p>FS = 0</p> <p>FV = 0</p>	<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"> EC NO: 178454 DRWN: SSM CHK'D: SSM REV APPR: RSILLER </td> <td style="width: 15%;"> 2018/06/21 2018/06/27 2018/06/28 </td> <td style="width: 20%;"> GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 </td> <td style="width: 10%;"> DIMENSION UNITS: mm SCALE: 1:1 </td> <td style="width: 10%;"> DRWN BY: MKOWALCZYK01 DATE: 2017/05/18 CHK'D BY: DATE: APPR BY: MIWASIECZKO DATE: 2017/05/31 </td> <td style="width: 25%; text-align: center;"> <h1 style="margin: 0;">molex®</h1> <p style="margin: 5px 0 0 0;">M12U-XP-FE-STR-XP-M-STR-XM</p> <p style="margin: 5px 0 0 0;">PRODUCT CUSTOMER DRAWING</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">SERIES: 120080</td> <td style="width: 40%;">MATERIAL NUMBER: SEE MATRIX</td> <td style="width: 35%;">CUSTOMER: GENERAL MARKET</td> </tr> </table> </td> </tr> </table>	EC NO: 178454 DRWN: SSM CHK'D: SSM REV APPR: RSILLER	2018/06/21 2018/06/27 2018/06/28	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5	DIMENSION UNITS: mm SCALE: 1:1	DRWN BY: MKOWALCZYK01 DATE: 2017/05/18 CHK'D BY: DATE: APPR BY: MIWASIECZKO DATE: 2017/05/31	<h1 style="margin: 0;">molex®</h1> <p style="margin: 5px 0 0 0;">M12U-XP-FE-STR-XP-M-STR-XM</p> <p style="margin: 5px 0 0 0;">PRODUCT CUSTOMER DRAWING</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">SERIES: 120080</td> <td style="width: 40%;">MATERIAL NUMBER: SEE MATRIX</td> <td style="width: 35%;">CUSTOMER: GENERAL MARKET</td> </tr> </table>	SERIES: 120080	MATERIAL NUMBER: SEE MATRIX	CUSTOMER: GENERAL MARKET	<p style="text-align: center;">A3</p> <p style="text-align: center;">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>
EC NO: 178454 DRWN: SSM CHK'D: SSM REV APPR: RSILLER	2018/06/21 2018/06/27 2018/06/28	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5	DIMENSION UNITS: mm SCALE: 1:1	DRWN BY: MKOWALCZYK01 DATE: 2017/05/18 CHK'D BY: DATE: APPR BY: MIWASIECZKO DATE: 2017/05/31	<h1 style="margin: 0;">molex®</h1> <p style="margin: 5px 0 0 0;">M12U-XP-FE-STR-XP-M-STR-XM</p> <p style="margin: 5px 0 0 0;">PRODUCT CUSTOMER DRAWING</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">SERIES: 120080</td> <td style="width: 40%;">MATERIAL NUMBER: SEE MATRIX</td> <td style="width: 35%;">CUSTOMER: GENERAL MARKET</td> </tr> </table>	SERIES: 120080	MATERIAL NUMBER: SEE MATRIX	CUSTOMER: GENERAL MARKET			
SERIES: 120080	MATERIAL NUMBER: SEE MATRIX	CUSTOMER: GENERAL MARKET									

PART LIST

NO.	MOLEX PN	ENGINEERING NO.	LENGTH
1	1200808154	WW5030P82M020	2M
2	1200808155	WW5030P82M030	3M
3	1200808156	WW5030P82M050	5M
4	1200808157	WW5030P82M070	7M
5	1200808158	WW5030P82M100	10M
6	1200210002	WW4030E03M050	5M
7	1200800469	WW4030E03M010	1M
8	1200800470	WW4030E03M020	2M
9	1200805076	WW5030E03M010	1M
10	1200808016	WW5030E03M050	5M
11	1200805018	WW4030P03M020	2M
12	1200805022	WW4030P03M005	0.5M
13	1200805044	WW4030P03M006	0.6M
14	1200805049	WW5030P03M006	0.6M
15	1200805050	WW5030P03M010	1M
16	1200805051	WW5030P03M020	2M
17	1200808115	WW4030P03M018	1.8M
18	1200808133	WW5030P03M100	10M
19	1200805019	WW5030P03M050	5M
20	1200805048	WW4030P03M050	5M
21	1200805052	WW5030P03M030	3M
22	1200805053	WW5030P03M040	4M
23	1200808070	WW5030P03M050A	5M
24	1200808071	WW5030P03M020A	2M
25	1200805083	WW8030P02M010	1M
26	1200805096	WW8030P02M020	2M
27	1200808043	WW5030P02M003G	0.3M
28	1200805097	WW8030P02M050	5M
29	1200808072	WW8030P02M020A	2M
30	1200808073	WW8030P02M050A	5M
31	1200808129	WW8030P02M0208	2M

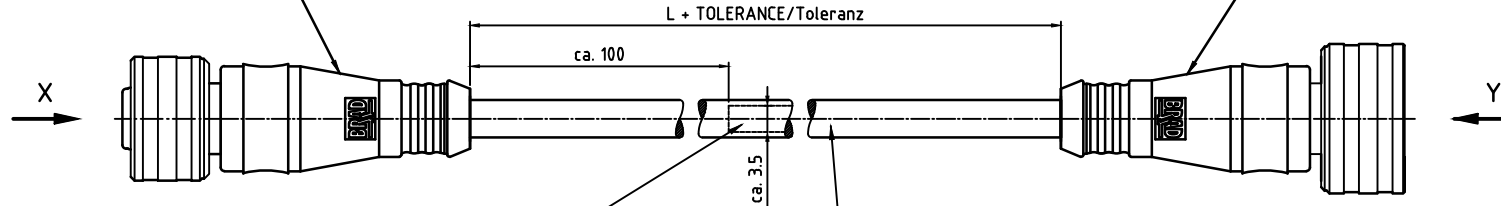
NO.	MOLEX PN	ENGINEERING NO.	LENGTH
32	1200808026	WW3030H09M010	1M
33	1200808031	WW4030H09M010	1M
34	1200808039	WW5030H09M010	1M
35	1200808107	WW5030H09M020	2M
36	1200808033	WW8030H08M010	1M
37	1200808139	WW8030H08M020	2M
38	1200808140	WW8030H08M050	5M
39	1200798157	WW5030E03M100	10M
40	1200798158	WW8030H08M100	10M
41	1200210001	WW4030E03M100	10M
42	1200808015	WW5030E03M020	2M

QUALITY SYMBOLS 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	EC NO: 178454 DRWN: SSM CHK'D: SSM REV APPR: RSILLER	2018/06/21	2018/06/27	2018/06/28	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	 M12U-XP-FE-STR-XP-M-STR-XM			
					ANGULAR TOL ± 1.0 °		mm	1:1				
		4 PLACES ±		3 PLACES ±		2 PLACES ± 0.05		DRWN BY	DATE	PRODUCT CUSTOMER DRAWING		
		1 PLACE ± 0.3		0 PLACES ± 0.5		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MKOWALCZYK01	2017/05/18			
DRWING SIZE		THIRD ANGLE PROJECTION		APPR BY		DATE	SERIES		MATERIAL NUMBER	CUSTOMER		
A4				MIWASIECZKO		2017/05/31	120080		SEE MATRIX	GENERAL MARKET		
				DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER				
				1200805076		PSD	00P	3 OF 3				

RELEASE STATUS P1 RELEASE DATE 2018/06/28 06:17:11

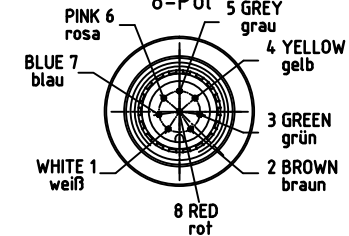
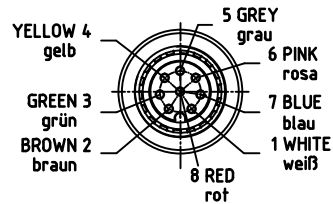
OVERMOLD PUR, COLOUR SEE TABLE
Umspritzung PUR, Farbe siehe Tabelle

OVERMOLD PUR, COLOUR SEE TABLE
Umspritzung PUR, Farbe siehe Tabelle



VIEW X / Ansicht X
MATING SIDE
FEMALE CABLE CONNECTOR U-LOCK
Steckseite
Kabeldose U-Lock
8-Pol

VIEW Y / Ansicht Y
MATING SIDE
MALE CABLE CONNECTOR U-LOCK
Steckseite
Kabelstecker U-Lock
8-Pol



CABLE PRINTING:
Kabelbedruckung: Molex ... X..

CABLE/Leitung PUR/PVC BLACK/sw 8x0.25mm; D6,7

PROD. DATE / Fertigungsdatum

GENERAL CHARACTERISTICS	Allgemeine Kennwerte	STANDARD Norm	
NUMBER OF CONTACTS	Polzahl	IEC 60947-5-2	8
CONTACT CONFIGURATION	Kontaktanordnung		
RATED VOLTAGE	Bemessungsspannung	IEC 60664-1	30V AC / DC
POLLUTION DEDREE	Verschmutzungsgrad	IEC 60664-1	3
CURRENT CARRYING CAPAC.	Betriebsstrom	IEC 60512-3 Test 5 b	2A (40°)
CONTACT RESISTANCE	Durchgangswiderstand	IEC 60512-2 Test 2 a	< 5mOhm
RATED IMPULSE WITHSTAND VOLTAGE	Bemessungsstoßspannung	IEC 60664-1	0,8 kV
TEST VOLTAGE	Prüfspannung	IEC 60512-2 Test 4 a	0,5 kV / 60 sec
INSULATION RESISTANCE	Isolationswiderstand	IEC 60512-2 Test 3 a	> 100 MOhm
IP DEGREE OF PROTECTION	IP-Schutzart	IEC 60529	IP 67
PIN DIAMETER	Stiftdurchmesser		0,8 mm
MATERIALS	CONTACTS	Kontakte	BRASS / Messing
	CONTACTS PLATING	Kontaktoberfläche	Ni/Au
	DIELECTRIC MATERIAL	Kontaktträger	PUR
	HOUSING (OVERMOLD)	Gehäuse (Umspritzung)	PUR
	GASKETS (O-RING)	Dichtung (O-Ring)	VITON
PUSH SLEEVE	Schiebehülse		CuZn (BRASS) WITH/mit NICKEL PLATED / Ni-Oberfläche
TERMINATION	Anschlussart		Crimp
FLAMM ABILITY	INSERTS	Kontaktträger	HB
	HOUSING (OVERMOLD)	Gehäuse (Umspritzung)	HB
	CABLE	Leitung / Kabel	2 LAYER PUR/PVC CABLE BLACK 0.25 ²
MECHANICAL OPERATION	Mechanische Lebensdauer		100 MATING CYCLES/Steckzyklen
TEMPERATURE RANGE	Temperaturbereich	IEC 60668-1	-25°C / +80°C

PART-NUMBER	ENGINEERING-NO.	OVERMOLD COLOUR	LENGTH L
Teile-Nummer	Engineering Nr.:	Umspritzungsfarbe	Länge L
1200805083	WW8030P02M010	BLACK/schwarz	1000 +20/-10
1200805096	WW8030P02M020	BLACK/schwarz	2000 ±25
1200805097	WW8030P02M050	BLACK/schwarz	5000 ±25

(...) DIM. FOR INFORMATION
(...) Informationsmaß

DESCRIPTION EC NO.: IPG2015-0241 DRWN: BBRACH 06.08.14 CHKD: REISSNER 2014/08/07 APPR: CBUJER 2011/03/18	QUALITY SYMBOLS ▽ = 0 ▽C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY LSTEMMLE	DATE 2010/03/17	CHECKED BY NS	DATE 2010/03/18	APPROVED BY FPACHER	DATE 2010/03/18
3	REV	4 PLACES ±---		DRAWN BY DATE		CSE U12 8P FE STR PUR MA STR XM BK ----			
		3 PLACES ±---		CHECKED BY DATE					
		2 PLACES ±---		APPROVED BY DATE		molex			
		1 PLACE ±0.3		MATERIAL NO.					DOCUMENT NO. SD-120080-055
		0 PLACE ±---		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 OF 1			
		ANGULAR ± --- °		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			