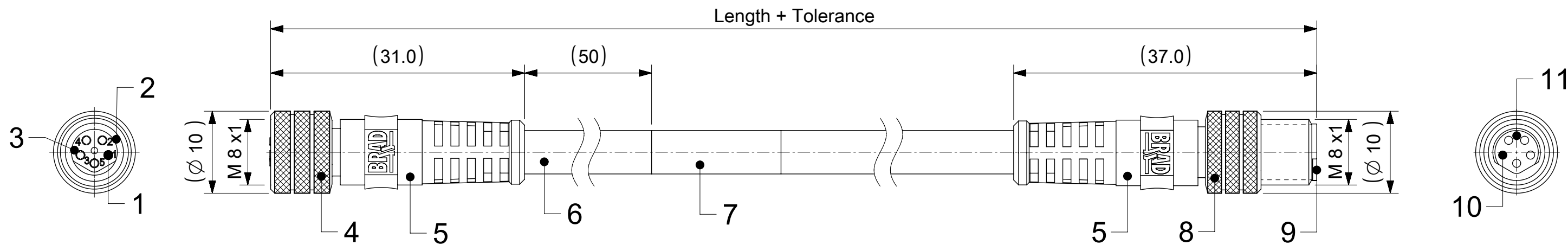


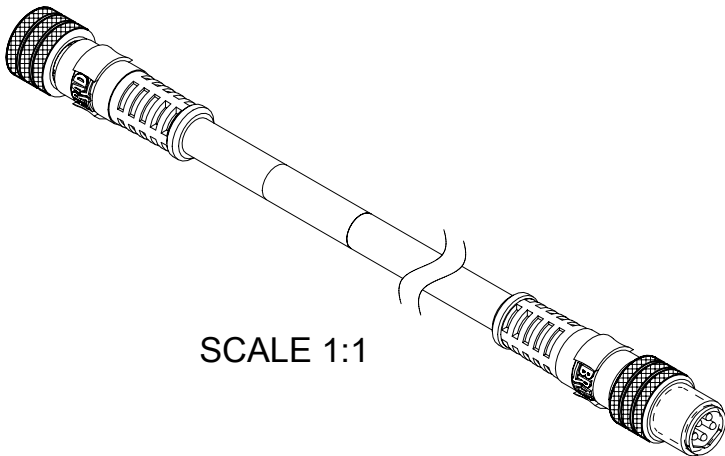
FEMALE PLUG M8 STRAIGHT TO MALE PLUG M8 STRAIGHT



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 in mated and locked position.
TEMPERATURE: SEE CABLE INFORMATION
INSULATION RESISTANCE: 10⁸ Ω MIN.
MATING CYCLES: MIN. 100
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS	
FEMALE						
MALE						
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
					5	GREY
CODING ACCORDING TO IEC 61076-2-104						



FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

11	1	INSERT MALE BLACK	TPU	---
10	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
9	1	SLEEVE	BRASS	NICKEL
8	1	COUPLING NUT M8 MALE	BRASS	NICKEL
7	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES lxx	---	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	TPU	---
4	1	COUPLING NUT M8 FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE BLACK	TPU	---
2	1	O-RING RED	FKM	---
1	3 / 4 / 5	CONTACT M8 FEMALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

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: PACKAGING SPEC ADDED				molex						
	DIMENSION UNITS		SCALE																		
	mm		2:1																		
	GENERAL TOLERANCES (UNLESS SPECIFIED)																				
	ANGULAR TOL ± 1.0°																				
DIVISIONAL SYMBOLS	A = 0		E = 0		F = 0		EC NO: 770174														
							DRWN: RSCHIEBER										2023/10/18				
							CHK'D: RSILLER										2023/11/30				
							APPR: RSILLER										2023/11/30				
							INITIAL REVISION:														
						DRWN: JMARSZALEK										2016/09/15					
						APPR: RSILLER										2017/01/11					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
												A3-SIZE		120087		SEE PART LIST		GENERAL MARKET		1 OF 4	

F



D

C

B

A

1

[illegible]

PART LIST															
No.	Molex PN	Engineering No.	Cable Length	No.	Molex PN	Engineering No.	Cable Length	No.	Molex PN	Engineering No.	Cable Length	No.	Molex PN	Engineering No.	Cable Length
1	1200271413	445030H08M010	1m	36	1200878273	443030E02M003	0.3m	71	1200878351	444030E02M025	2.5m	106	1200878643	443030E02M010H	1m
2	1200280321	443030E02M020	2m	37	1200878274	443030E02M015	1.5m	72	1200878352	444030E02M030	3m	107	1200878644	443030E02M020H	2m
3	1200280343	443030E02M030	3m	38	1200878275	443030E02M025H	2.5m	73	1200878353	444030E02M040	4m	108	1200878645	443030E02M030H	3m
4	1200280384	443030I02M006	0.6m	39	1200878276	443030E02M050H	5m	74	1200878354	444030E02M050	5m	109	1200878655	443030E02M040H	4m
5	1200280427	443030I02M010	1m	40	1200878277	443030E02M060	6m	75	1200878355	444030E02M100	10m	110	1200878658	444030E02M250	25m

6	1200280462	443030E02M050	5m	41	1200878278	443030E02M100	10m	76	1200878356	444030H08M020	2m	111	1200878661	444030E02M015H	1.5m
7	1200280464	443030E02M040	4m	42	1200878279	443030E02M150	15m	77	1200878357	444030P02M003	0.3m	112	1200878663	443030E02M060H	6m
8	1200281222	443030P82M003	0.3m	43	1200878280	443030E02M010G	1m	78	1200878358	444030P02M006	0.6m	113	1200878665	444030E02M005H	0.5m
9	1200281282	443030E02M025	2.5m	44	1200878281	443030E02M012G	1.2m	79	1200878359	444030P02M010	1m	114	1200878666	444030E02M025H	2.5m
10	1200281284	444030E02M015	1.5m	45	1200878282	443030I02M003	0.3m	80	1200878360	444030P02M020	2m	115	1200878671	443030E02M080H	8m
11	1200281309	445030P02M010	1m	46	1200878283	443030I02M015	1.5m	81	1200878361	444030P02M030	3m	116	1200878689	443030E02M015H	1.5m
12	1200281310	445030P02M050	5m	47	1200878284	443030I02M020	2m	82	1200878362	444030P02M050	5m	117	1200878692	444030E02M010H	1m
13	1200870687	445030P02M006	0.6m	48	1200878285	443030I02M030	3m	83	1200878494	443030E02M070	7m	118	1200878693	444030E02M020H	2m
14	1200870688	445030P02M030	3m	49	1200878286	443030I02M040	4m	84	1200878495	444030H08M010	1m	119	1200878699	443030H08M055H	5.5m
15	1200875035	443030E02M006	0.6m	50	1200878287	443030I02M050	5m	85	1200878500	443030H08M010	1m	120	1200878808	443030H08M065H	6.5m
16	1200878025	443030P82M006	0.6m	51	1200878288	443030I02M060	6m	86	1200878509	444030H08M050	5m	121	1200878809	443030E02M0039H	0.3m
17	1200878035	445030P02M020	2m	52	1200878289	443030I02M070	7m	87	1200878535	443030E02M020Y	2m	122	1200878810	444030E02M0069H	0.6m
18	1200878036	445030P02M040	4m	53	1200878290	443030I02M100	10m	88	1200878536	443030E02M050Y	5m	123	1200878811	444030E02M0309H	3m
19	1200878037	445030P02M100	10m	54	1200878291	443030I02M150	15m	89	1200878537	443030E02M040Y	4m	124	1200878812	444030P02M100	10m
20	1200878124	444030H08M003	0.3m	55	1200878292	443030P02M003	0.3m	90	1200878538	443030E02M006Y	0.6m	125	1200878828	444030E02M0109H	1m
21	1200878126	443030H08M030	3m	56	1200878293	443030P02M015	1.5m	91	1200878539	443030H08M050Y	5m	126	1200878834	443030E02M1009H	10m
22	1200878127	443030H08M050	5m	57	1200878294	443030P02M020	2m	92	1200878540	443030H08M020Y	2m	127	1200878843	444030H08M100	10m
23	1200878139	445030P02M250	25m	58	1200878295	443030P02M025	2.5m	93	1200878541	443030E02M010Y	1m	128	1200878844	444030H08M250	25m
24	1200878140	443030P02M010	1m	59	1200878296	443030P02M030	3m	94	1200878558	443030H08M006	0.6m	129	1200878847	445030H08M006	0.6m
25	1200878141	443030P02M006	0.6m	60	1200878297	443030P02M030G	3m	95	1200878559	444030H08M006	0.6m	130	1200878850	443030E02M0159H	1.5m
26	1200878149	443030H08M020	2m	61	1200878298	443030P02M035	3.5m	96	1200878574	444030E02M003H	0.3m	131	1200878923	443030E02M1509H	15m
27	1200878161	444030E02M200	20m	62	1200878299	443030P02M040	4m	97	1200878575	444030E02M030H	3m	132	1200878941	444030H08M030	3m
28	1200878166	443030H08M040	4m	63	1200878300	443030P02M060	6m	98	1200878576	443030E02M003H	0.3m	133	1200878946	445030H08M020	2m
29	1200878233	443030P02M050	5m	64	1200878301	443030P02M070	7m	99	1200878577	444030E02M006H	0.6m	134	1200878947	445030H08M050	5m
30	1200878234	443030P02M100	10m	65	1200878302	443030P02M150	15m	100	1200878596	443030P02M010H	1m	135	1200878950	445030E02M010	1m
31	1200878239	445030E02M006	0.6m	66	1200878346	444030E02M003	0.3m	101	1200878626	443030H08M080	8m	136	1200878951	444030H08C350	0.35m
32	1200878240	445030E02M020	2m	67	1200878347	444030E02M005	0.5m	102	1200878627	445030H08M040	4m	137	1200878952	444030H08C750	0.75m
33	1200878241	445030E02M050	5m	68	1200878348	444030E02M006	0.6m	103	1200878635	443030E02M080	8m	138	1200878978	443030H08M100	10m
34	1200878258	443030E02M010	1m	69	1200878349	444030E02M010	1m	104	1200878636	443030H08M055	5.5m	139	1200888155	445030H70M020	2m
35	1200878272	443030E02M002G	0.2m	70	1200878350	444030E02M020	2m	105	1200878642	443030E02M006H	0.6m	140	1200878982	443030H08M003H	0.3m

No.	Molex PN	Engineering No.	Cable Length
141	1200878983	443030H08M015H	1.5m
142	1200878984	443030H08M045H	4.5m
143	1200878985	443030H08M065	6.5m
144	1200878986	443030H08M075H	7.5m
145	1200878987	444030H08M015H	1.5m
146	1200878988	444030H08M025H	2.5m
147	1200878998	443030H08M030H	3m
148	1200878999	443030H08M050H	5m
149	1200879001	443030H08M040H	4m
150	1200878997	444030H08M003H	0.3m

No.	Molex PN	Engineering No.	Cable Length
151	1200879003	444030H08M020H	2m
152	1200879004	444030H08M010H	1m
153	1200879007	444030H08M006H	0.6m
154	1200879010	444030H08M030H	3m
155	1200879035	443030H08M006H	0.6m
156	1200879036	443030H08M010H	1m
157	1200879037	443030H08M025H	2.5m
158	1200879050	443030H08M080H	8m
159	1200879052	444030H08M035H	3.5m
160	1200879053	444030H08M040H	4m
161	1200879054	444030H08M050H	5m

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					molex					
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL		± 1.0 °		EC NO: 770174 DRWN: RSCHIEBER 2023/10/18 CHK'D: RSILLER 2023/11/30 APPR: RSILLER 2023/11/30 INITIAL REVISION: DRWN: JMARSZALEK 2016/09/15 APPR: RSILLER 2017/01/11					CSE M8 M8 XP AC BC FE STR MA STR XM					
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.05												
	DIVISIONAL SYMBOLS	1 PLACE		± 0.3		DOCUMENT NUMBER					PRODUCT CUSTOMER DRAWING				
		0 PLACES		± 0.5											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING											
				A3-SIZE		120087		SEE PART LIST		GENERAL MARKET		3 OF 4			

DOCUMENT STATUS	P1	RELEASE DATE	2023/11/30	13:31:02
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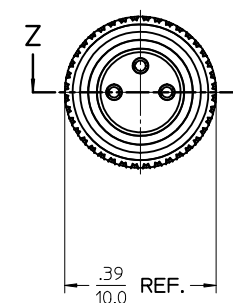
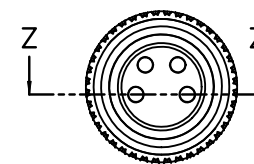
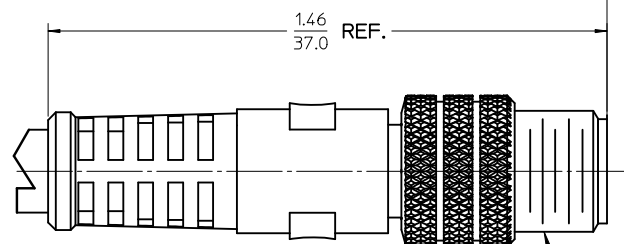
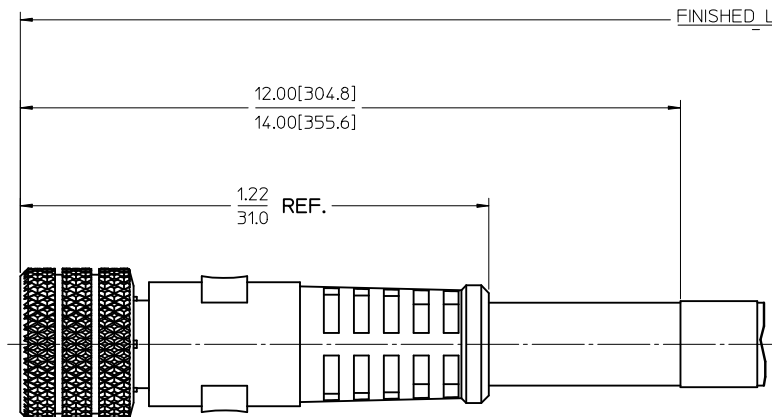
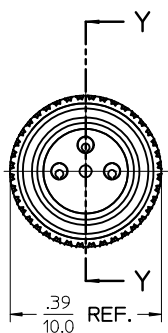
No.	Molex PN	Engineering No.	Cable Length
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143	1200878985	443030H08M065	6.5m
144	1200878986	443030H08M075H	7.5m
145	1200878987	444030H08M015H	1.5m
146	1200878988	444030H08M025H	2.5m
147	1200878998	443030H08M030H	3m
148	1200878999	443030H08M050H	5m
149	1200879001	443030H08M040H	4m
150	1200878997	444030H08M003H	0.3m

No.	Molex PN	Engineering No.	Cable Length
151	1200879003	444030H08M020H	2m
152	1200879004	444030H08M010H	1m
153	1200879007	444030H08M006H	0.6m
154	1200879010	444030H08M030H	3m
155	1200879035	443030H08M006H	0.6m
156	1200879036	443030H08M010H	1m
157	1200879037	443030H08M025H	2.5m
158	1200879050	443030H08M080H	8m
159	1200879052	444030H08M035H	3.5m
160	1200879053	444030H08M040H	4m
161	1200879054	444030H08M050H	5m

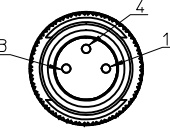
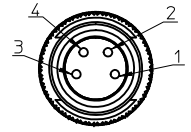
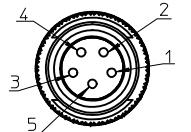
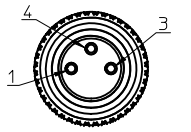
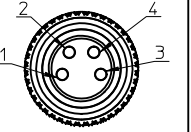
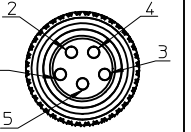
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: PACKAGING SPEC ADDED					molex					
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL		± 1.0 °		EC NO: 770174 DRWN: RSCHIEBER 2023/10/18 CHK'D: RSILLER 2023/11/30 APPR: RSILLER 2023/11/30 INITIAL REVISION: DRWN: JMARSZALEK 2016/09/15 APPR: RSILLER 2017/01/11					CSE M8 M8 XP AC BC FE STR MA STR XM					
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.05												
	DIVISIONAL SYMBOLS	1 PLACE		± 0.3		DOCUMENT NUMBER					PRODUCT CUSTOMER DRAWING				
		0 PLACES		± 0.5											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING											
				A3-SIZE		120087		SEE PART LIST		GENERAL MARKET		3 OF 4			

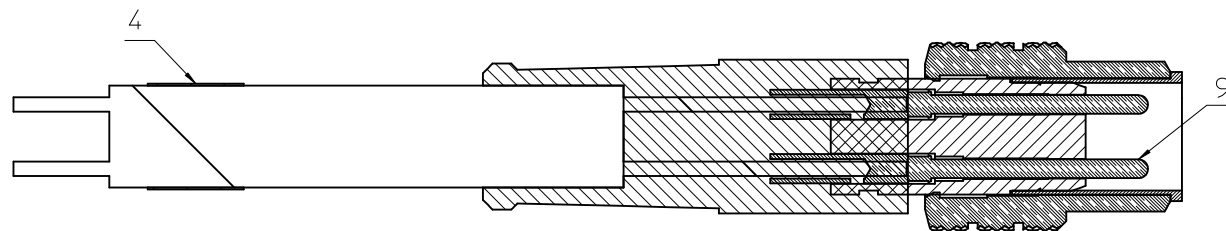
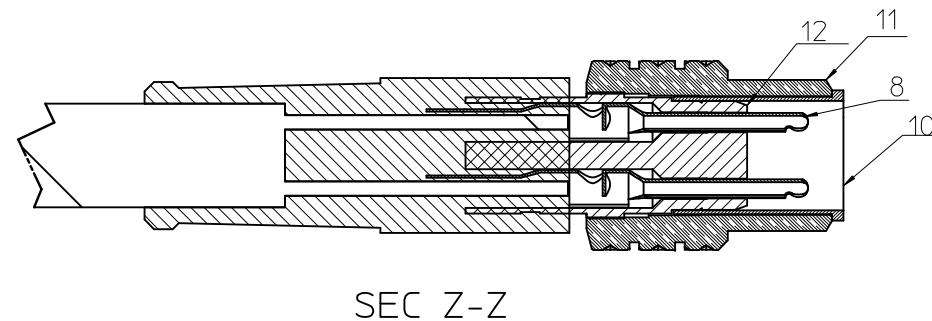
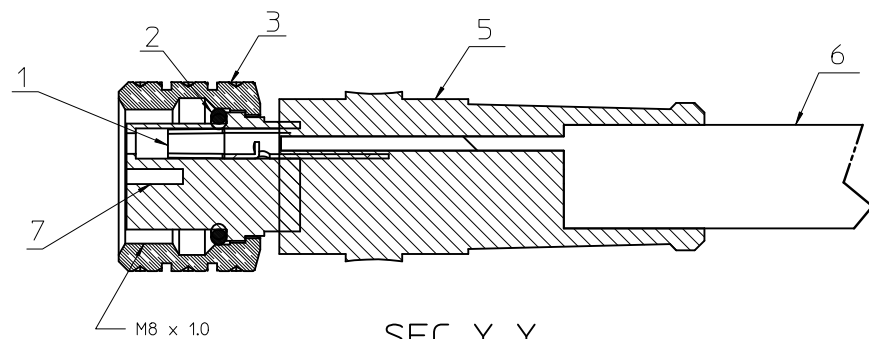
DOCUMENT STATUS	P1	RELEASE DATE	2023/11/30	13:31:02
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ENTER DESCRIPTION EC NO: WEU2012-0001 2011/07/06 DRWN:RSCHIEBER CHKD:REISSNER 2011/07/13 APPR:CBURGER 2011/07/20			DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
							DRAWN BY DATE		TITLE CSE M8 XP MA FE STR PUR PVC UN			
							CHECKED BY DATE					
							APPROVED BY DATE					
REV B		DESCRIPTION	2 PLACES ± --- ± ---		BWOODMAN 18/08/09		MOLEX MOLEX INCORPORATED					
			3 PLACES ± --- ± ---		RSTONE 18/08/09							
			1 PLACE ± 0.3 ± ---		JFMURPHY 18/08/09							
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 3		SD-120028-001		1 OF 3				
				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

13	12	11	10	9	8	7	6	5	4	3	2	1
FEMALE INSERT FRONT VIEW				MALE INSERT FRONT VIEW								
3 POLE	4 POLE	5 POLE		3 POLE	4 POLE	5 POLE						
												
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY		1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY						



SECTION Z-Z
FOR 4-5 PLOE ONLY
[4 POLE SHOWN]

ENTER DESCRIPTION		EC NO: WEU2012-0001 DWNRSCHEIBER 2011/07/06 CHKDREISSNER 2011/07/13 APPR:CBURGER 2011/07/20		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				mm INCH		IN/MM		5:1		INCH		⊙ □			
B		DESCRIPTION		▽=0		4 PLACES ± --- ± ---		DRAWN BY DATE		TITLE		CSE M8 XP MA FE STR PUR PVC UN			
				▽=0		3 PLACES ± --- ± ---		CHECKED BY DATE							
						2 PLACES ± --- ± .01		RSTONE 18/08/09							
						1 PLACE ± 0.3 ± ---		APPROVED BY DATE							
						ANGULAR ±1/2°		JFMURPHY 18/08/09							
REV				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
						SEE SHEET 3		SD-120028-001		2 OF 3					
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

PART NUMBER	DESCRIPTION	FINISHED LENGTH	MATERIAL
1200878141	443030P02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PUR
1200878140	443030P02M010	1M +56MM -0 [3' 3" +2.2" -0]	PUR
1200878293	443030P02M015	1.5M +56MM -0 [4' 11" +2.2" -0]	PUR
1200878294	443030P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200878296	443030P02M030	3M +90MM -0 [9' 10" +3.5" -0]	PUR
1200878299	443030P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200878233	443030P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200878358	444030P02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PUR
1200878359	444030P02M010	1M +56MM -0 [3' 3" +2.2" -0]	PUR
1200878360	444030P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200878361	444030P02M030	3M +90MM -0 [9' 10" +3.5" -0]	PUR
1200870686	444030P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200878362	444030P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200870687	445030P02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PUR
1200281309	445030P02M010	1M +56MM -0 [3' 3" +2.2" -0]	PUR
1200878035	445030P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200870688	445030P02M030	3M +90MM -0 [9' 10" +3.5" -0]	PUR
1200878036	445030P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200281310	445030P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200875035	443030E02M006	0.6M +45MM -0 [1' 11" +1.8" -0]	PVC
1200878274	443030E02M015	1.5M +56MM -0 [4' 11" +2.2" -0]	PVC
1200280462	443030E02M050	5M +150MM -0 [16' 4" +6" -0]	PVC

SL.No	DESCRIPTION	MATERIAL	FINISH	QTY			QTY		
1	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED	3	4	5			
2	O-RING	VITON	RED	1	1	1			
3	COUPLING NUT	BRASS	NICKEL PLATED						
4	LABEL	PLASTIC FILM	BLACK/YELLOW	1	1	1	1	1	1
5	OVER MOLD	TPE	YELLOW						
6	CABLE, 24 AWG, 3 CONDUCTOR	PUR JACKET	BLACK	1			1		
	CABLE, 24 AWG, 3 CONDUCTOR	PVC JACKET	BLACK	1			1		
	CABLE, 24 AWG, 4 CONDUCTOR	PUR JACKET	BLACK		1			1	
	CABLE, 24 AWG, 5 CONDUCTOR	PUR JACKET	BLACK			1			1
7	INSERT FEMALE 3 POLE	PUR	BLACK	1					
	INSERT FEMALE 4 POLE	PUR	BLACK		1				
	INSERT FEMALE 5 POLE	PUR	BLACK			1			
8	STAMP & FORM CONTACT	COPPER ALLOY	GOLD PLATED				3		
9	SCREW MACHINE CONTACT	COPPER ALLOY	GOLD PLATED					4	5
10	SLEEVE	BRASS	NICKEL PLATED				1	1	1
11	COUPLING NUT	BRASS	NICKEL PLATED				1	1	1
12	INSERT MALE 3 POLE	PUR	BLACK				1		
	INSERT MALE 4 POLE	PUR	BLACK					1	
	INSERT MALE 5 POLE	PUR	BLACK						1

SPECIFICATION
Protection Class - IP67
Voltage Rating - 3 Pole/60V, 4+5 Pole/30V
Contact Current Rating - 3 Amps
Wires: 0.25mm² PVC/PUR

ENTER DESCRIPTION EC NO: WEU2012-0001 DRAWN:RSCHIEBER 2011/07/06 CHKD:REISSNER 2011/07/13 APPR:CBURGER 2011/07/20	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY BWOODMAN	DATE 18/08/09	TITLE CSE M8 XP MA FE STR PUR PVC UN			
			4 PLACES	± ---	± ---	CHECKED BY RSTONE	DATE 18/08/09				
			3 PLACES	± ---	± ---	APPROVED BY JFMURPHY	DATE 18/08/09	 MOLEX INCORPORATED			
			2 PLACES	± ---	± .01	MATERIAL NO.	DOCUMENT NO.			SHEET NO.	
			1 PLACE	± 0.3	± ---	SEE CHART				SD-120028-001	3 OF 3
			ANGULAR ±1/2°								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								