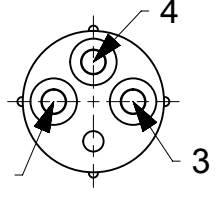
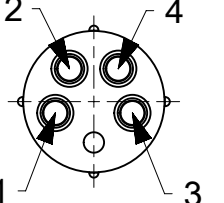
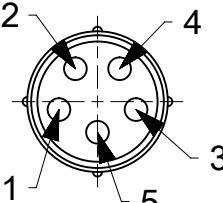
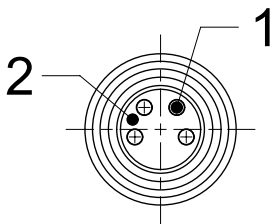


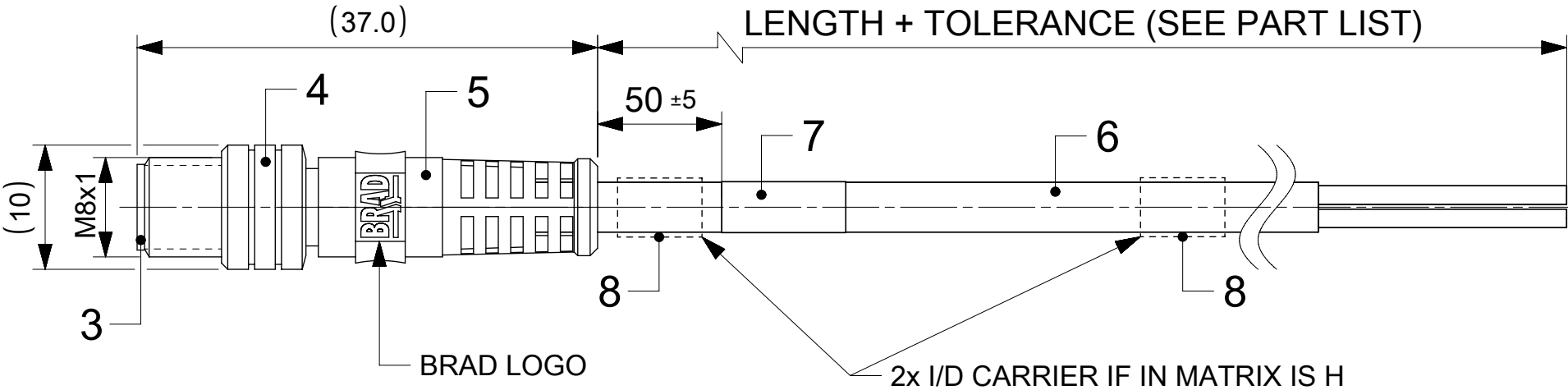
MALE PLUG M8 STRAIGHT SINGLE ENDED

CONTACT POSITION FRONT VIEW:

3 POLES MALE		4 POLES MALE		5 POLES MALE	
					
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	-	5	-	5	GREY



VIEW FROM THE FRONT SIDE

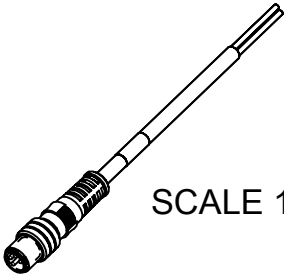


TECHNICAL SPECIFICATION:

CONTACT CURRENT RATING: 3-5 POLES 3 A
VOLTAGE RATING: 3 POLES 60 V
4-5 POLES 30 V
PROTECTION CLASS: IP 67
TEMPERATURE RANGE: -25° C / +80° C
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

BILL OF MATERIAL

8	0 / 2	ID CARRIER (SEE MATRIX)	PVC	TRANSPARENT
7	1	LABEL OR PRINTING	VINYL / ---	---
6	-	CABLE	SEE MATRIX	---
5	-	OVERMOULDING	TPU	BLACK
4	1	COUPLING NUT M8 MALE	BRASS	NICKEL
3	1	SLEEVE	BRASS	NICKEL
2	1	INSERT MALE	TPU	BLACK
1	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH / COLOR
DOCUMENT STATUS		P1	RELEASE DATE	2023/11/30 13:30:48



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										
	mm		2:1												
	DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 770174 DRWN: RSCHIEBER 2023/10/18 CHK'D: RSILLER 2023/11/30 APPR: RSILLER 2023/11/30									
ANGULAR TOL ± 1.0 °															
4 PLACES		±													
3 PLACES		±		INITIAL REVISION: DRWN: RSCHIEBER 2021/11/23 APPR: RSILLER 2021/11/25											
2 PLACES		± 0.05													
1 PLACE		± 0.3													
0 PLACES		± 0.5		DOCUMENT NUMBER 1200860183 DOC TYPE PSD DOC PART 000 REVISION A1											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															
				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120086		SEE PART LIST		GENERAL MARKET		1 OF 3	

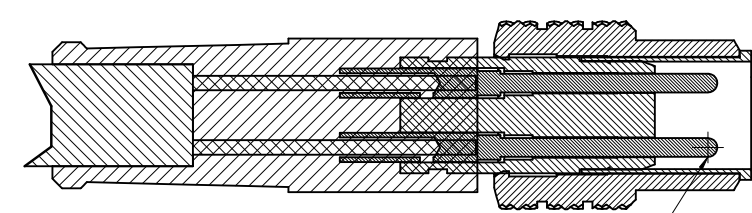
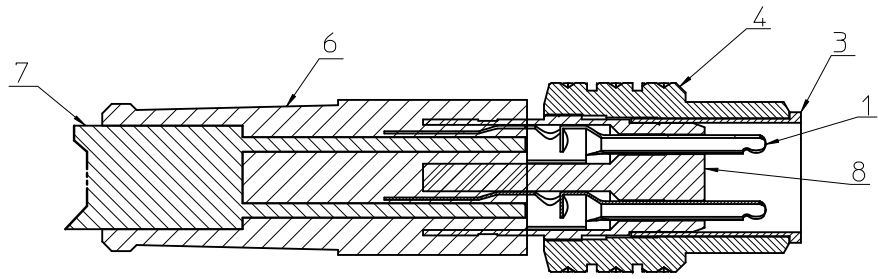
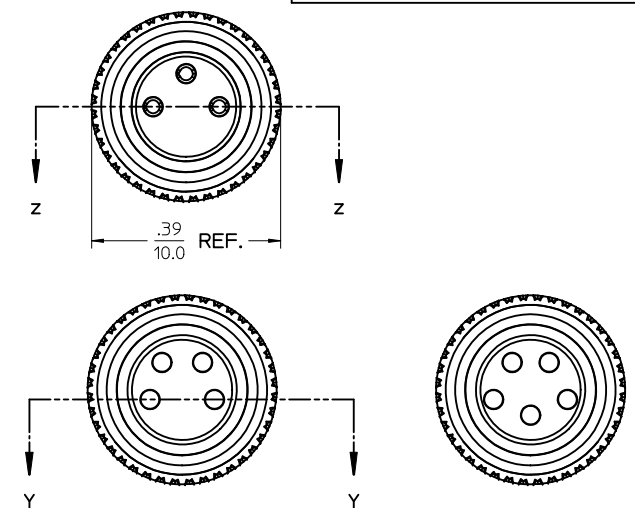
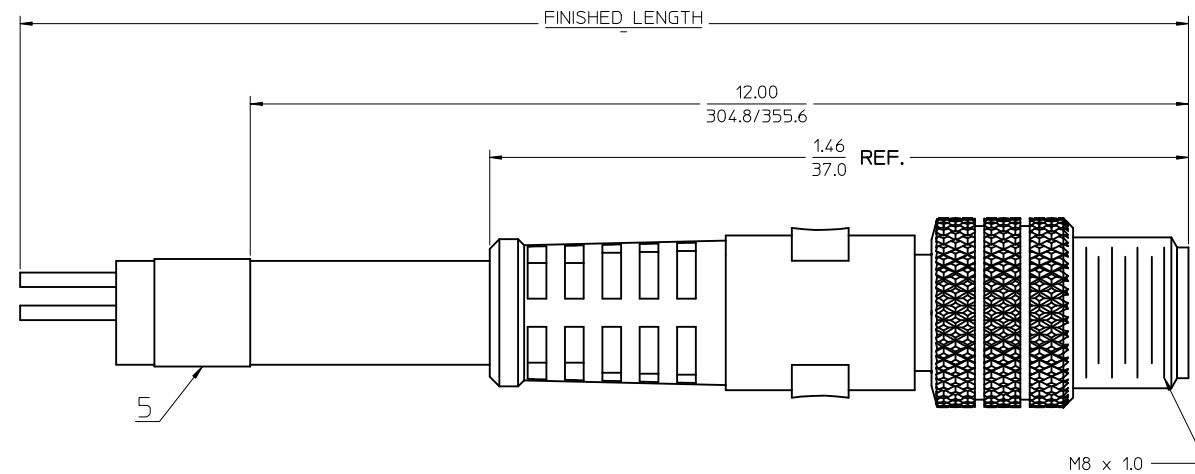
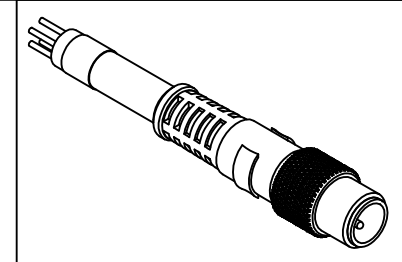
PART LIST

ITEM	MOLEX PN	ENGINEERING NO	L+TOL.[mm]
1	1200270105	403006E02M050	5000+60
2	1200270364	403006E02M010	1000+40
3	1200270376	404006E02M050	5000+60
4	1200270453	403006P02M040	4000+60
5	1200270459	403006E02M003	300+40
6	1200270547	403006I12M010	1000+40
7	1200270588	405006P02M005	500+40
8	1200270657	405006P02M050	5000+60
9	1200270659	403006I12M006	600+40
10	1200270752	405006P02M020	2000+60
11	1200270877	405006P02C550	550+40
12	1200270911	403006P02M020	2000+60
13	1200270933	403006P02M100	10000+80
14	1200271079	403006P02M010	1000+40
15	1200271179	403006P02M004	400+40
16	1200271200	403006P02M006	600+40
17	1200271327	403006P02M005	500+40
18	1200271332	403006P02M003	300+40
19	1200271420	403006E02M035	3500+60
20	1200271421	403006E02M040	4000+60
21	1200271422	403006E02M060	6000+80
22	1200860183	404006A10M020	2000+60
23	1200860474	403006P02M050	5000+60
24	1200860586	405006P02M040	4000+60
25	1200860588	405006P02M100	10000+80
26	1200868031	405006P02M030	3000+60
27	1200868047	403006I12C550	550+40
28	1200868056	403006E02M006	600+40
29	1200868078	403006H08M050	5000+60
30	1200868087	405006P02M010	1000+40
31	1200868152	405006E02M010	1000+40
32	1200868161	404006E02M010	1000+40
33	1200868164	405006E02M300	30000+160
34	1200868165	405006E02M500	50000+500
35	1200868166	405006E02M600	60000+600
36	1200868173	405006E02M020	2000+40
37	1200868855	405006H08M100	10000+80
38	1200868900	404006H08M005	500+40
39	1200868854	405006H08M050	5000+60
40	1200868695	403006E02M020H	2000+60

ITEM	MOLEX PN	ENGINEERING NO	L+TOL.[mm]
41	1200868174	405006E02M050	5000+60
42	1200868175	405006E02M100	10000+80
43	1200868182	405006P02M012	1200+60
44	1200868227	404006H08M050	5000+60
45	1200868228	403006E02M020	2000+60
46	1200868302	403006E02M002	200+40
47	1200868303	403006E02M015	1500+60
48	1200868304	403006E02M025	25000+60
49	1200868305	403006E02M030	3000+60
50	1200868306	403006E02M045	45000+60
51	1200868307	403006E02M100	10000+80
52	1200868308	403006I02C350	350+40
53	1200868309	403006I02C450	450+40
54	1200868310	403006I02M003	300+40
55	1200868311	403006I02M004	400+40
56	1200868312	403006I02M006	600+40
57	1200868313	403006I02M007	700+40
58	1200868314	403006I02M010	1000+40
59	1200868315	403006I02M011	1100+60
60	1200868316	403006I02M014	1400+60
61	1200868317	403006I02M015	1500+60
62	1200868318	403006I02M020	2000+60
63	1200868319	403006I02M030	3000+60
64	1200868320	403006I02M050	5000+60
65	1200868321	403006I02M100	10000+80
66	1200868322	403006I02M150	15000+140
67	1200868366	404006E02C550	550+40
68	1200868367	404006E02M015	1500+60
69	1200868368	404006E02M020	2000+60
70	1200868369	404006E02M100	10000+80
71	1200868370	404006I02M003	300+40
72	1200868371	404006P02M004G	400+40
73	1200868372	404006P02M010	1000+40
74	1200868373	404006P02M020	2000+40
75	1200868374	404006P02M030G	3000+40
76	1200868375	404006P02M050	5000+60
77	1200868720	403006E02M100H	10000+80
78	1200868755	405006P02C180	180+40
79	1200868853	405006H08M010	1000+40
80	1200868684	403006E02M045H	4500+60

ITEM	MOLEX PN	ENGINEERING NO	L+TOL.[mm]
81	1200868376	404006P02M050G	5000+60
82	1200868377	404006P02M100	10000+80
83	1200868387	403006E02M150	15000+140
84	1200868390	403006H08M020	2000+60
85	1200868392	404006H08M020	2000+60
86	1200868397	405006H08M020	2000+60
87	1200868408	404006H08M003	300+40
88	1200868409	404006H08M010	1000+40
89	1200868421	403006I12M150	15000+140
90	1200868425	403006I12M050	5000+60
91	1200868426	403006I12M100	10000+80
92	1200868433	403006H08M100	10000+80
93	1200868436	403006I70M150	15000+140
94	1200868437	403006I70M050	5000+60
95	1200868438	403006I70M100	10000+80
96	1200868471	403006E02M020Y	2000+60
97	1200868472	403006E02M150Y	15000+140
98	1200868488	404006H08M100	10000+80
99	1200868496	403006H08M010	1000+40
100	1200868512	405006P02C550Y	550+40
101	1200868514	403006P02M030	3000+60
102	1200868515	403006P02M075	7500+80
103	1200868562	404006P02M002	200+40
104	1200868573	405006E02M030	3000+60
105	1200868680	405006P02M020Y	2000+60
106	1200868681	403006E02M010H	1000+40
107	1200868682	403006E02M035H	3500+60
108	1200868683	403006E02M040H	4000+60

FUNCTIONAL SYMBOLS DIVISIONAL 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 CSE M8 XP AC MA STR XM SE				
	mm		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± 1.0°												
	4 PLACES		±		EC NO: 770174 DRWN: RSCHIEBER 2023/10/18 CHK'D: RSILLER 2023/11/30 APPR: RSILLER 2023/11/30				PRODUCT CUSTOMER DRAWING				
	3 PLACES		±										
	2 PLACES		± 0.05										
	1 PLACE		± 0.3		INITIAL REVISION: DRWN: RSCHIEBER 2021/11/23 APPR: RSILLER 2021/11/25				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	0 PLACES		± 0.5						1200860183		PSD	000	A1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE	120086	SEE PART LIST		GENERAL MARKET		3 OF 3	



MALE INSERT FRONT VIEW		
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

ENTER DESCRIPTION EC NO: WEU2012-0001 DRAWN: SCHIEBER 2011/06/22 CHKD: REISSNER 2011/07/13 APPR: CBURGER 2011/07/20 B	DESCRIPTION ▽=0 ▽=0	QUALITY SYMBOLS	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 STR PUR PVC UN			
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---	RSTONE	18/08/09				
			2 PLACES	± ---	± .01	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED			
			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 CHART		SD-120027-002			1 OF 2	
					SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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

PART NUMBER	DESCRIPTION	FINISHED LENGTH	MATERIAL
1200271079	403006P02M010	1M +60MM -0 [3' 3" +2.19" -0]	PUR
1200270911	403006P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200270453	403006P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200860474	403006P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200860583	403006P02M060	6M +150MM -0 [19' 7" +6" -0]	PUR
1200270933	403006P02M100	10M +300MM -0 [32' 4" +12" -0]	PUR
1200868372	404006P02M010	1M +60MM -0 [3' 3" +2.19" -0]	PUR
1200868373	404006P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200860584	404006P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200868375	404006P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200860585	404006P02M060	6M +150MM -0 [19' 7" +6" -0]	PUR
1200271137	404006P02M100	10M +300MM -0 [32' 4" +12" -0]	PUR
1200270752	405006P02M020	2M +90MM -0 [6' 6" +3.5" -0]	PUR
1200860586	405006P02M040	4M +150MM -0 [13' 1" +6" -0]	PUR
1200270657	405006P02M050	5M +150MM -0 [16' 4" +6" -0]	PUR
1200860587	405006P02M060	6M +150MM -0 [19' 7" +6" -0]	PUR
1200860588	405006P02M100	10M +300MM -0 [32' 4" +12" -0]	PUR
1200868161	404006E02M010	1M +60MM -0 [3' 3" +2.19" -0]	PVC
1200868368	404006E02M020	2M +90MM -0 [6' 6" +3.5" -0]	PVC
1200270376	404006E02M050	5M +150MM -0 [16' 4" +6" -0]	PVC

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 BY: DRW:RSCHIEBER 2011/06/22
CHKD:REISSNER 2011/07/13
APPR:CBURGER 2011/07/20

DESCRIPTION

REV

QUALITY SYMBOLS

▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± .01
1 PLACE	± 0.3	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY	DATE
BWOODMAN	18/08/09
CHECKED BY	DATE
RSTONE	18/08/09
APPROVED BY	DATE
JFMURPHY	18/08/09

MATERIAL NO.

SD-120027-002

SIZE
A2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

5:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

CSE M8 XP MA STR
PUR PVC UN

MOLEX

MOLEX INCORPORATED

MATERIAL NO.

SD-120027-002

SHEET NO.
2 OF 2