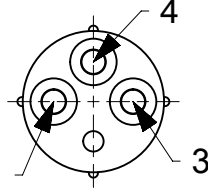
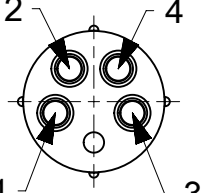
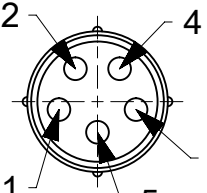
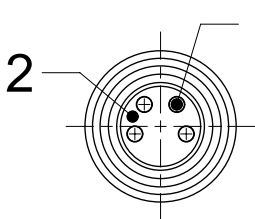


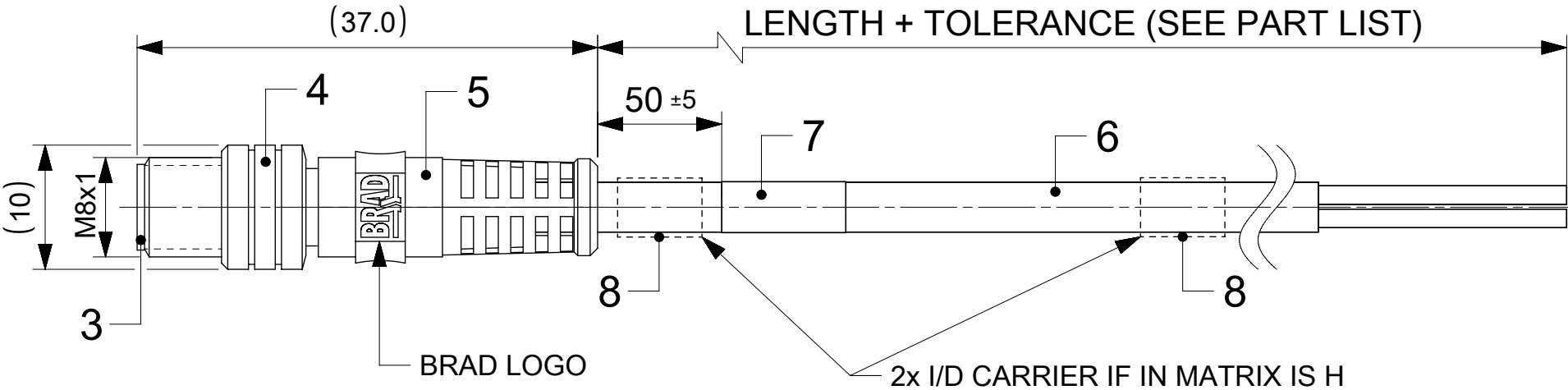
MALE PLUG M8 STRAIGHT SINGLE ENDED

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

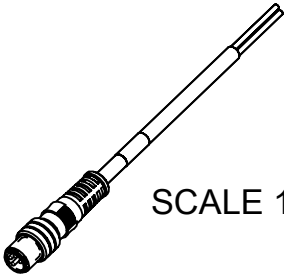


TECHNICAL SPECIFICATION:

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

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	2021/11/25	12:27:14



SCALE 1:2

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FV = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC: FIRST RELEASE EC NO: 686590 DRWN: RSCHIEBER CHK'D: RSILLER APPR: RSILLER INITIAL REVISION: DRWN: RSCHIEBER APPR: RSILLER DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS mm SCALE 2:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5	THIRD ANGLE PROJECTION DRAWING A3-SIZE SERIES 120086	DOCUMENT NUMBER 1200860183			CUSTOMER GENERAL MARKET			SHEET NUMBER 1 OF 3		
				PRODUCT CUSTOMER DRAWING			PSD 000 A					
				2021/11/23 2021/11/25 2021/11/25								
				2021/11/23 2021/11/25								

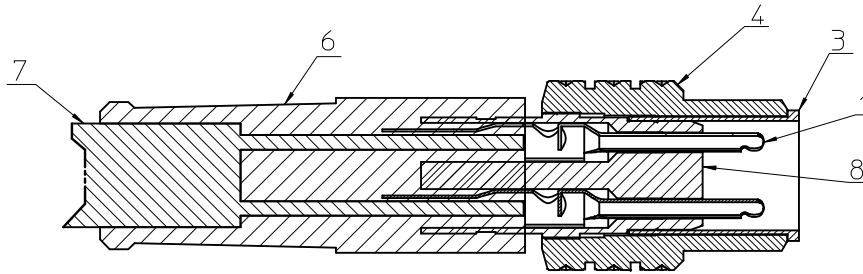
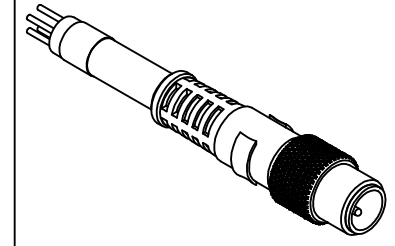
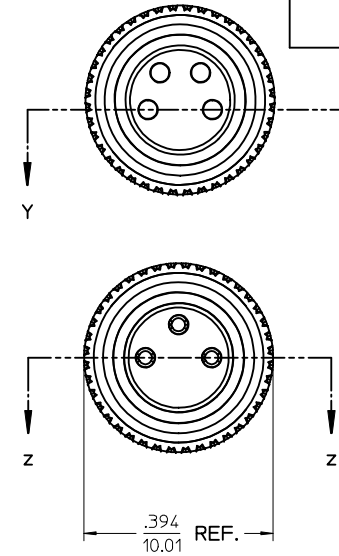
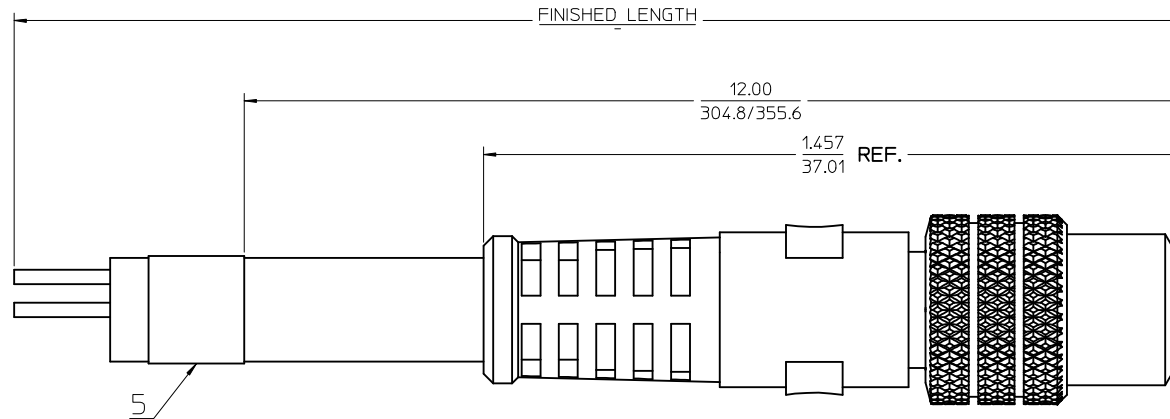
PART LIST

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

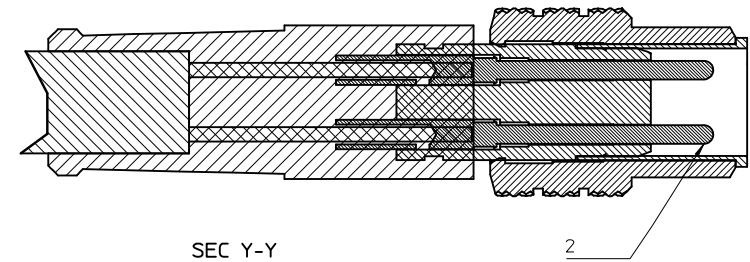
ITEM	MOLEX PN	ENGINEERING NO	L+TOL.[mm]
41	1200868174	405006E02M050	5000+60
42	1200868175	405006E02M100	10000+80
43	1200868182	405006P02M012	1200+60
44	1200868227	404006H08M050	5000+60
45	1200868228	403006E02M020	2000+60
46	1200868302	403006E02M002	200+40
47	1200868303	403006E02M015	1500+60
48	1200868304	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	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: FIRST RELEASE			molex		
	mm		1:1							



SEC Z-Z
FOR 3 POLE ONLY



SEC Y-Y
FOR 4-5 POLE ONLY

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		QUALITY SYMBOLS
EC NO: WNA2009-0840	2009/07/14	
DRWN: LSG	2009/07/14	▽=0
CHKD:		▽C=0
APPR: JFMURPHY	2009/07/20	
REV	DESCRIPTION	
A		

GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
	mm	INCH	DRAWN BY NKUMAR01 DATE 14/07/09		TITLE NC 3P M/MP 2M COUPLER 24AWG PV		
4 PLACES	± ---	± ---	CHECKED BY BWOODMAN DATE 14/07/09				
3 PLACES	± ---	± ---	APPROVED BY JFMURPHY DATE 14/07/09		 MOLEX INCORPORATED		
2 PLACES	± ---	± ---	MATERIAL NO.				
1 PLACE	± ---	± ---	SEE CHART		SD-120086-132		1 OF 2
ANGULAR ±1/2°			SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SIZE C

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

J

I

H

G

F

E

D

C

B

A

J

I

H

G

F

E

D

C

B

A

13

12

11

10

9

8

7

6

5

4

3

2

1

				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	PVC JACKET	YELLOW	1		
	CABLE, 24 AWG, 4 CONDUCTOR	PVC JACKET	YELLOW		1	
	CABLE, 24 AWG, 5 CONDUCTOR	PVC JACKET	YELLOW			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
1200860132	403006A10M020	2M +90MM -0 [6' 6" +3.5" -0]
1200860133	403006A10M040	4M +150MM -0 [13' 1" +6" -0]
1200860134	403006A10M050	5M +150MM -0 [16' 4" +6" -0]
1200860575	403006A10M060	6M +150MM -0 [19' 7" +6" -0]
1200860135	403006A10M100	10M +300MM -0 [32' 4" +12" -0]
1200860183	404006A10M020	2M +90MM -0 [6' 6" +3.5" -0]
1200860184	404006A10M040	4M +150MM -0 [13' 1" +6" -0]
1200860185	404006A10M050	5M +150MM -0 [16' 4" +6" -0]
1200860576	404006A10M060	6M +150MM -0 [19' 7" +6" -0]
1200860577	404006A10M100	10M +300MM -0 [32' 4" +12" -0]
1200860206	405006A10M020	2M +90MM -0 [6' 6" +3.5" -0]
1200860207	405006A10M040	4M +150MM -0 [13' 1" +6" -0]
1200860208	405006A10M050	5M +150MM -0 [16' 4" +6" -0]
1200860541	405006A10M060	6M +150MM -0 [19' 7" +6" -0]
1200860579	405006A10M100	10M +300MM -0 [32' 4" +12" -0]

ENTER DESCRIPTION	2009/07/14
EC NO: WNA2009-0840	
DRWN:LSG	
CHKD:	
APPR:JFMURPHY	2009/07/20
DESCRIPTION	

4 PLACES ± ---	mm	INCH	CHECKED BY BWOODMAN	DATE 14/07/09	APPROVED BY JFMURPHY	DATE 14/07/09	MATERIAL NO. 9999999999	DOCUMENT NO. SD-120086-132	SHEET NO. 2 OF 2

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
NKUMAR01	14/07/09
CHECKED BY	DATE
BWOODMAN	14/07/09
APPROVED BY	DATE
JFMURPHY	14/07/09
MATERIAL NO.	
9999999999	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
C	

SCALE 5:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE NC 3P M/MP 2M COUPLER 24AWG PV		
molex MOLEX INCORPORATED		
DOCUMENT NO. SD-120086-132		SHEET NO. 2 OF 2
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		