

FEMALE FACE VIEWS

1 - BROWN
3 - BLUE
4 - BLACK

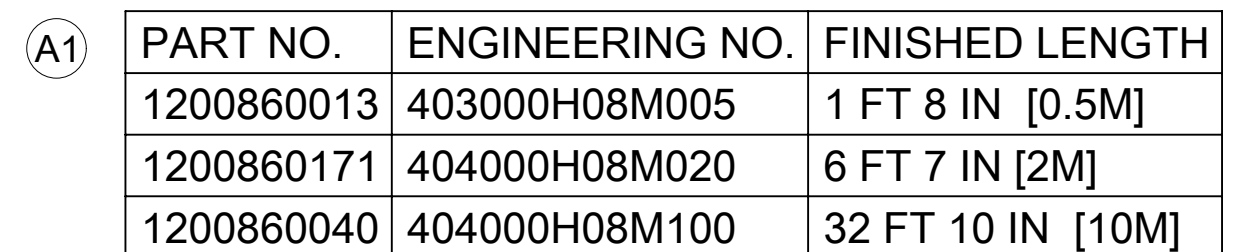
3 POLE

1 - BROWN
2 - WHITE
3 - BLUE
4 - BLACK

4 POLE

(A1) POLES: 3, & 4

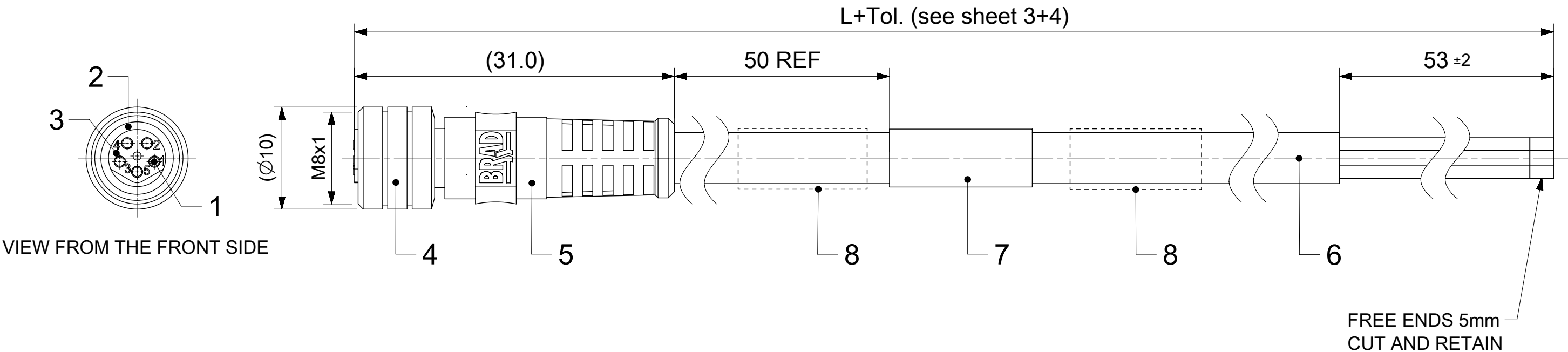
M001 = .1 METERS
M010 = 1.0 METERS
M100 = 10 METERS



7	WRAP LABEL	VINYL	BLACK/YELLOW
6	OVERMOLD	TPC	YELLOW
5	COUPLING, FEMALE	BRASS	NICKEL PLATED
4	O-RING	FKM	RED
3	CONTACT SOCKET	Cu ALLOY	GOLD PLATED
2	INSERT, FEMALE	PUR	BLACK
1	CABLE, 24AWG [.25mm ²]	PUR JACKET	BLACK
ITEM	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										
	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATE TITLE BLOCK, ADD P/N TABLE, REMOVE 5 POLE FACE VIEW			molex			
	INCH/MM		3:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)							NANO-CHANGE M8 STRAIGHT CABLE ASSEMBLY FEMALE 24AWG [2.5MM²], PUR JACKET - H08 CABLE			
		MM	INCH								
	4 PLACES	±	±								
	3 PLACES	±	±		EC NO: 767563 DRWN: R.STONE 2023/10/31 CHK'D: HENRYB1 2023/10/31 APPR: B.WOODMAN 2023/10/31 A1	PRODUCT CUSTOMER DRAWING					
	2 PLACES	±	±								
	1 PLACE	±	±			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	0 PLACES	±	±			1200860012		PSD	000	A1	
ANGULAR TOL		±	°	APPR: B.WOODMAN		---					
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
					C-SIZE		120086	SEE P/N TABLE	GENERAL MARKET	1 OF 1	

FEMALE PLUG M8 STRAIGHT



NOTES:

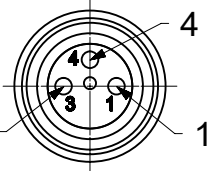
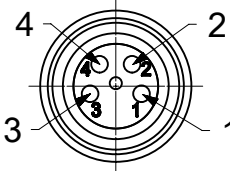
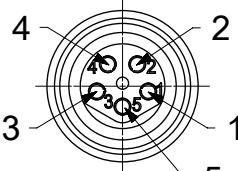
RATED VOLTAGE: 3 contacts 60V AC/DC
4 and 5 contacts 30V AC/DC

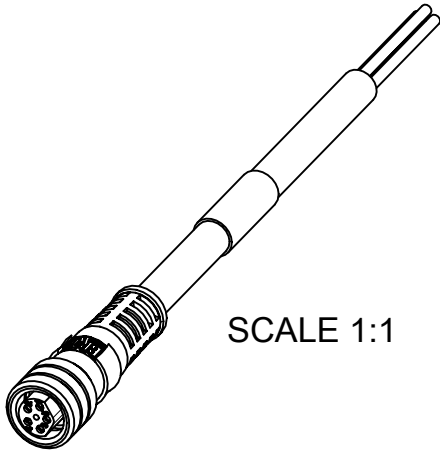
CURRENT RATING: 3, 4, 5 contacts 3A

PROTECTION CLASS: IP 67

TEMPERATURE: -25°C / +80°C

PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

CONTACTS POSITION FRONT VIEW:							
		3 CONTACTS		4 CONTACTS		5 CONTACTS	
FEMALE							
	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

8	2	I/D CARRIER (SEE MATRIX)	---	---
7	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES lxx	---	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING	TPU	SEE SHEET 2
4	1	COUPLING NUT M8 FEMALE	BRASS	SEE SHEET 2
3	1	INSERT FEMALE BLACK	TPU	---
2	1	O-RING RED	FKM	---
1	3 / 4 / 5	CONTACT M8 FEMALE	COPPER	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																
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: PACKAGING SPEC ADDED, NEW P/N'S ADDED		molex									
	mm		2:1													
FA = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				M8 SINGLE ENDED FEMALE STRAIGHT											
FE = 0																
FF = 0	ANGULAR TOL ± 1.0 °		EC NO: 770174			PRODUCT CUSTOMER DRAWING										
DIVISIONAL SYMBOLS	4 PLACES ±		DRWN: RSCHIEBER 2023/10/18													
	3 PLACES ±		CHK'D: RSILLER 2023/11/30													
	2 PLACES ± 0.05		APPR: RSILLER 2023/11/30													
	1 PLACE ± 0.3		INITIAL REVISION:													
	0 PLACES ± 0.5		DRWN: AKONDRACIUK 2017/02/16 APPR: MIWASIECZKO 2017/11/16													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
					A3-SIZE		120086		1200860594		PSD		000		A10	
									MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
									SEE PART LIST		GENERAL MARKET				1 OF 4	

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BA

FORMAT: master-ib-prod-A3 REVISION: J1 DATE: 2021/05/01	9	8	7	6	5	4	3	2	1
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PART LIST

Pos.	Part. No	Engineering No.	Cable Length	Pos.	Part. No	Engineering No.	Cable Length	Pos.	Part. No	Engineering No.	Cable Length	Pos.	Part. No	Engineering No.	Cable Length
1	1200270066	403000E02M020	2m	36	1200868266	403000E02M045	4.5m	71	1200271409	403000H08M010	1m	106	1200868275	403000P02M002	0.2m
2	1200270067	403000E02M030	3m	37	1200868267	403000E02M0501	5m	72	1200271442	403000H08M020G	2m	107	1200868276	403000P02M002G	0.2m
3	1200270068	403000E02M050	5m	38	1200868268	403000E02M060	6m	73	1200868045	403000H08M020	2m	108	1200868277	403000P02M003	0.3m
4	1200270070	403000E02M100	10m	39	1200868339	404000E02C200	2m	74	1200868053	404000H08M050	5m	109	1200868278	403000P02M003G	0.3m
5	1200270127	404000E02M020	2m	40	1200868340	404000E02M015	1.5m	75	1200868060	404000H08M030	3m	110	1200868279	403000P02M005	0.5m
6	1200270129	404000E02M050	5m	41	1200868341	404000E02M0201	2m	76	1200868101	403000H08M050	5m	111	1200868280	403000P02M006	0.6m
7	1200270131	404000E02M100	10m	42	1200868342	404000E02M040	4m	77	1200868115	403000H08M100	10m	112	1200868281	403000P02M010	1m
8	1200270132	404000E02M150	15m	43	1200868343	404000E02M0501	5m	78	1200868116	403000H08M200	20m	113	1200868282	403000P02M012	1.2m
9	1200270133	404000E02M200	20m	44	1200868344	404000E02M080	8m	79	1200868117	404000H08M100	10m	114	1200868283	403000P02M018	1.8m
10	1200270400	403000E02M010	1m	45	1200868345	404000E02M110	11m	80	1200868118	404000H08M200	20m	115	1200868284	403000P02M022	2.2m
11	1200270549	404000E02M010	1m	46	1200868346	404000E02M170	17m	81	1200868122	403000H08M030	3m	116	1200868285	403000P02M030	3m
12	1200271410	403000E02M012	1.2m	47	1200868347	404000E02M210	21m	82	1200868162	404000H08M040	4m	117	1200868286	403000P02M032	3.2m
13	1200271417	403000E02M006	0.6m	48	1200868348	404000E02M250	25m	83	1200868207	404000H08M020	2m	118	1200868287	403000P02M035	3.5m
14	1200271418	403000E02M015	1.5m	49	1200868423	403000E02M1001	10m	84	1200868209	403000H08M015	1.5m	119	1200868288	403000P02M040	4m
15	1200271419	403000E02M025	2.5m	50	1200868442	403000E02M020Y	2m	85	1200868214	403000H08M005	0.5m	120	1200868289	403000P02M050G	5m
16	1200271423	404000E02M005	0.5m	51	1200868443	403000E02M050Y	5m	86	1200868215	404000H08M005	0.5m	121	1200868290	403000P02M055	5.5m
17	1200865038	403000E02M250	25m	52	1200868444	403000E02M100Y	10m	87	1200868395	405000H08M020	2m	122	1200868291	403000P02M080	8m
18	1200868015	403000E02M200	20m	53	1200868452	404000E02M050Y	5m	88	1200868404	405000H08M050	5m	123	1200868292	403000P02M150	15m
19	1200868067	404000E02M050G	5m	54	1200868453	404000E02M100Y	10m	89	1200868405	405000H08M100	10m	124	1200868351	404000P02M003	0.3m
20	1200868068	404000E02M100G	10m	55	1200868454	404000E02M150Y	15m	90	1200868468	403000H					

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PART LIST

Pos.	Part. No	Engineering No.	Cable Length
1	1200270066	403000E02M020	2m
2	1200270067	403000E02M030	3m
3	1200270068	403000E02M050	5m
4	1200270070	403000E02M100	10m
5	1200270127	404000E02M020	2m
6	1200270129	404000E02M050	5m
7	1200270131	404000E02M100	10m
8	1200270132	404000E02M150	15m
9	1200270133	404000E02M200	20m
10	1200270400	403000E02M010	1m
11	1200270549	404000E02M010	1m
12	1200271410	403000E02M012	1.2m
13	1200271417	403000E02M006	0.6m
14	1200271418	403000E02M015	1.5m
15	1200271419	403000E02M025	2.5m
16	1200271423	404000E02M005	0.5m
17	1200865038	403000E02M250	25m
18	1200868015	403000E02M200	20m
19	1200868067	404000E02M050G	5m
20	1200868068	404000E02M100G	10m
21	1200868069	404000E02M200G	20m
22	1200868070	404000E02M300G	30m
23	1200868071	404000E02M400G	40m
24	1200868075	404000E02M020G	2m
25	1200868090	403000E02M150	15m
26	1200868099	405000E02M020	2m
27	1200868109	403000E02M100G	10m
28	1200868114	404000E02M030	3m
29	1200868151	405000E02M040	4m
30	1200868171	405000E02M050	5m
31	1200868172	405000E02M100	10m
32	1200868262	403000E02M002	0.2m
33	1200868263	403000E02M003	0.3m
34	1200868264	403000E02M020H	2m
35	1200868265	403000E02M035	3.5m

Pos.	Part. No	Engineering No.	Cable Length
36	1200868266	403000E02M045	4.5m
37	1200868267	403000E02M0501	5m
38	1200868268	403000E02M060	6m
39	1200868339	404000E02C200	2m
40	1200868340	404000E02M015	1.5m
41	1200868341	404000E02M0201	2m
42	1200868342	404000E02M040	4m
43	1200868343	404000E02M0501	5m
44	1200868344	404000E02M080	8m
45	1200868345	404000E02M110	11m
46	1200868346	404000E02M170	17m
47	1200868347	404000E02M210	21m
48	1200868348	404000E02M250	25m
49	1200868423	403000E02M1001	10m
50	1200868442	403000E02M020Y	2m
51	1200868443	403000E02M050Y	5m
52	1200868444	403000E02M100Y	10m
53	1200868452	404000E02M050Y	5m
54	1200868453	404000E02M100Y	10m
55	1200868454	404000E02M150Y	15m
56	1200868467	403000E02M150Y	15m
57	1200868473	404000E02M1001	10m
58	1200868508	404000E02M050H	5m
59	1200868509	404000E02M100H	10m
60	1200868510	404000E02M150H	15m
61	1200868511	404000E02M030H	3m
62	1200868518	404000E02C230	2.3m
63	1200868571	405000E02M120	12m
64	1200868572	405000E02M030	3m
65	1200868685	403000E02M050H	5m
66	1200868696	404000E02M0509H	5m
67	1200868697	404000E02M1009H	10m
68	1200868698	404000E02M1509H	15m
69	1200868774	404000E02M060	6m
70	1200868776	404000E02M070	7m

Pos.	Part. No	Engineering No.	Cable Length
71	1200271409	403000H08M010	1m
72	1200271442	403000H08M020G	2m
73	1200868045	403000H08M020	2m
74	1200868053	404000H08M050	5m
75	120		

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PART LIST

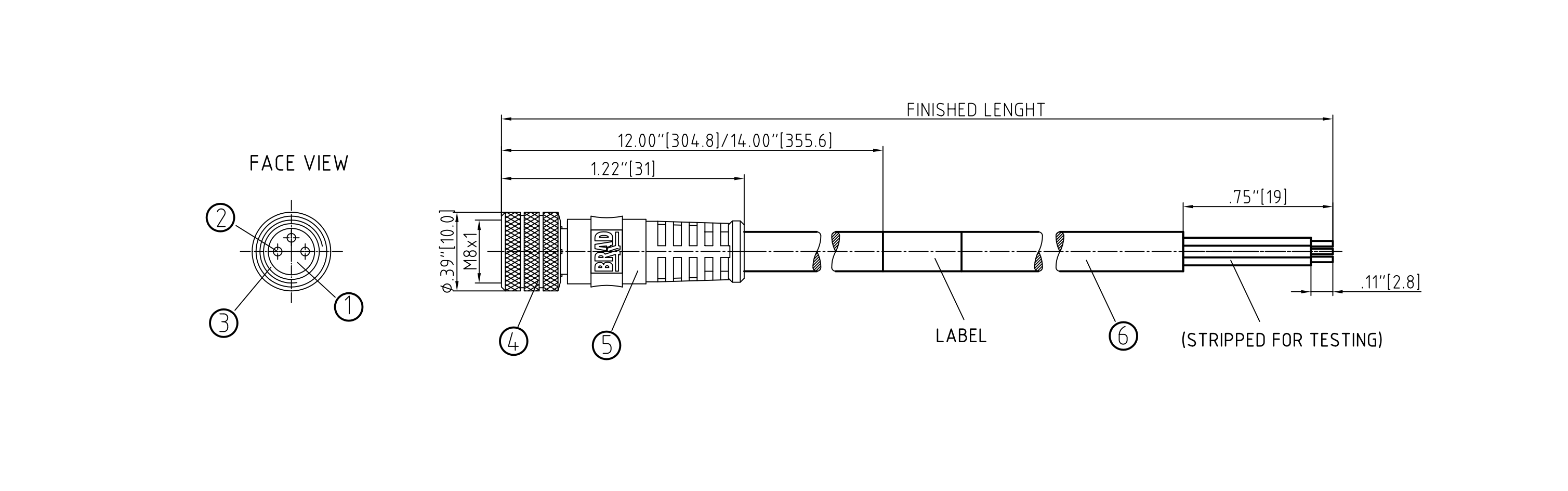
Pos.	Part. No	Engineering No.	Cable Length
1	1200270066	403000E02M020	2m
2	1200270067	403000E02M030	3m
3	1200270068	403000E02M050	5m
4	1200270070	403000E02M100	10m
5	1200270127	404000E02M020	2m
6	1200270129	404000E02M050	5m
7	1200270131	404000E02M100	10m
8	1200270132	404000E02M150	15m
9	1200270133	404000E02M200	20m
10	1200270400	403000E02M010	1m
11	1200270549	404000E02M010	1m
12	1200271410	403000E02M012	1.2m
13	1200271417	403000E02M006	0.6m
14	1200271418	403000E02M015	1.5m
15	1200271419	403000E02M025	2.5m
16	1200271423	404000E02M005	0.5m
17	1200865038	403000E02M250	25m
18	1200868015	403000E02M200	20m
19	1200868067	404000E02M050G	5m
20	1200868068	404000E02M100G	10m
21	1200868069	404000E02M200G	20m
22	1200868070	404000E02M300G	30m
23	1200868071	404000E02M400G	40m
24	1200868075	404000E02M020G	2m
25	1200868090	403000E02M150	15m
26	1200868099	405000E02M020	2m
27	1200868109	403000E02M100G	10m
28	1200868114	404000E02M030	3m
29	1200868151	405000E02M040	4m
30	1200868171	405000E02M050	5m
31	1200868172	405000E02M100	10m
32	1200868262	403000E02M002	0.2m
33	1200868263	403000E02M003	0.3m
34	1200868264	403000E02M020H	2m
35	1200868265	403000E02M035	3.5m

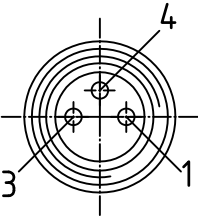
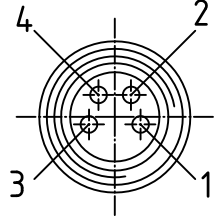
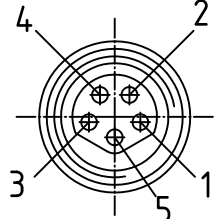
Pos.	Part. No	Engineering No.	Cable Length
36	1200868266	403000E02M045	4.5m
37	1200868267	403000E02M0501	5m
38	1200868268	403000E02M060	6m
39	1200868339	404000E02C200	2m
40	1200868340	404000E02M015	1.5m
41	1200868341	404000E02M0201	2m
42	1200868342	404000E02M040	4m
43	1200868343	404000E02M0501	5m
44	1200868344	404000E02M080	8m
45	1200868345	404000E02M110	11m
46	1200868346	404000E02M170	17m
47	1200868347	404000E02M210	21m
48	1200868348	404000E02M250	25m
49	1200868423	403000E02M1001	10m
50	1200868442	403000E02M020Y	2m
51	1200868443	403000E02M050Y	5m
52	1200868444	403000E02M100Y	10m
53	1200868452	404000E02M050Y	5m
54	1200868453	404000E02M100Y	10m
55	1200868454	404000E02M150Y	15m
56	1200868467	403000E02M150Y	15m
57	1200868473	404000E02M1001	10m
58	1200868508	404000E02M050H	5m
59	1200868509	404000E02M100H	10m
60	1200868510	404000E02M150H	15m
61	1200868511	404000E02M030H	3m
62	1200868518	404000E02C230	2.3m
63	1200868571	405000E02M120	12m
64	1200868572	405000E02M030	3m
65	1200868685	403000E02M050H	5m
66	1200868696	404000E02M0509H	5m
67	1200868697	404000E02M1009H	10m
68	1200868698	404000E02M1509H	15m
69	1200868774	404000E02M060	6m
70	1200868776	404000E02M070	7m

Pos.	Part. No	Engineering No.	Cable Length
71	1200271409	403000H08M010	1m
72	1200271442	403000H08M020G	2m
73	1200868045	403000H08M020	2m
74	1200868053	404000H08M050	5m
75	1200868060	404000H08M030	3m
76	1200868101	403000H08M050	

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PART LIST									
Pos.	Part. No	Engineering No	Cable Length	Pos.	Part. No	Engineering No	Cable Length		
141	1200270084	403000I02M100	10m	176	1200860145	404000A10M030	3m		
142	1200270148	404000I02M020	2m	177	1200860147	404000A10M050	5m		
143	1200270149	404000I02M050	5m	178	1200860155	404000A10M100	10m		
144	1200270360	404000I02M100	10m	179	1200860191	405000A10M020	2m		
145	1200860041	404000I02M030	3m	180	1200270140	404000E18M050	5m		
146	1200868269	403000I02M005	0.5m	181	1200270581	403000E18M020	2m		
147	1200868270	403000I02M006	0.6m	182	1200270606	403000E18M100	10m		
148	1200868271	403000I02M010	1m	183	1200860667	405000P02M200	20m		
149	1200868272	403000I02M025	2.5m	184	1200868849	405000H08M010	1m		
150	1200868273	403000I02M150	15m	185	1200868857	405000E02M010	1m		
151	1200868349	404000I02M003	0.3m	186	1200868934	404000H08M050H	5m		
152	1200868445	403000I02M030Y	3m	187	1200869026	404000H09M005	0.5m	A10	
153	1200868446	403000I02M050Y	5m	188					
154	1200868447	403000I02M100Y	10m	189					
155	1200868455	404000I02M020Y	2m	190					
156	1200868456	404000I02M050Y	5m	191					
157	1200868460	404000I02M100Y	10m	192					
158	1200868507	403000I02M020Y	2m	193					
159	1200868566	404000I02M030Y	3m	194					
160	1200270032	403000P82M050	5m	195					
161	1200271180	403000P82M020	2m	196					
162	1200868183	403000P82M0507	5m	197					
163	1200868192	403000P82M0207	2m	198					
164	1200868212	403000P82M005	0.5m	199					
165	1200868233	403000P82M010	1m	200					
166	1200868420	403000P82M1007	10m	201					
167	1200868470	403000P82M0207Y	2m	202					
168	1200868482	403000P82M010Y	1m	203					
169	1200271449	403000P18M070	7m	204					
170	1200860101	403000A10M015	1.5m	205					
171	1200860102	403000A10M020	2m	206					
172	1200860107	403000A10M050	5m	207					
173	1200860111	403000A10M100	10m	208					
174	1200860112	403000A10M150	15m	209					
175	1200860144	404000A10M020	2m	210					



FEMALE FACE 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

POLE	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGHT IN/MM
3	1200860336	403000B09M020	6.56' +3.50" -0 [2.0M +88.9 -0]
3	1200860115	403000B09M050	16.40' +6.50" -0 [5.0M +165.1 -0]
3	1200860016	403000B09M100	32.81' +12.50" -0 [10.0M +317.5 -0]
4	1200860171	404000B09M020	6.56' +3.50" -0 [2.0M +88.9 -0]
4	1200860173	404000B09M050	16.40' +6.50" -0 [5.0M +165.1 -0]
4	1200860040	404000B09M100	32.81' +12.50" -0 [10.0M +317.5 -0]
5	1200860196	405000B09M020	6.56' +3.50" -0 [2.0M +88.9 -0]
5	1200860197	405000B09M050	16.40' +6.50" -0 [5.0M +165.1 -0]

CONNECTOR SPECIFICATION:	
VOLTAGE RATING	3-4POL:60V/AC 75V/DC 5-POL: 30V/AC 36V/DC
AMPERAGE RATING	3 AMPS
PROTECTION	IP68
OPERATING TEMPERATURE	-25°C TO 80°C
UL CERTIFICATIONS	UL listed, File #E152210
CSA CERTIFICATIONS	CSA CERTIFIED, File LR6837

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	POLYURETHANE (PUR)	BLACK
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	O-RING	VITON	RED
4	COUPLING NUT	BRASS	NICKEL PLATED
5	OVERMOLD	TPE	YELLOW
6	CABLE- 24 AWG, (COPPER STRANDING) 3/4/5 CONDUCT. 300V	JACKET: PUR	YELLOW

DESCRIPTION
EC NO: WEU2010-0250
22.12.09
DRWN: REISSNER
2008/10/02
CH'KD: FP
APPR: NSTAUDIG
2010/01/26

1

DESCRIPTION
REV

QUALITY SYMBOLS
= 0
= 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY	DATE
RE	2009/12/22
CHECKED BY	DATE
FP	2010/01/20
APPROVED BY	DATE
NSTAUDIG	2010/01/25

MATERIAL NO.
SEE TABLE

SIZE
A3

SCALE
2:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

NC 3/4/5P FE STR
24AWG PUR

molex

MOLEX INCORPORATED

DOCUMENT NO.
SD-120086-017

SHEET NO.
1

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