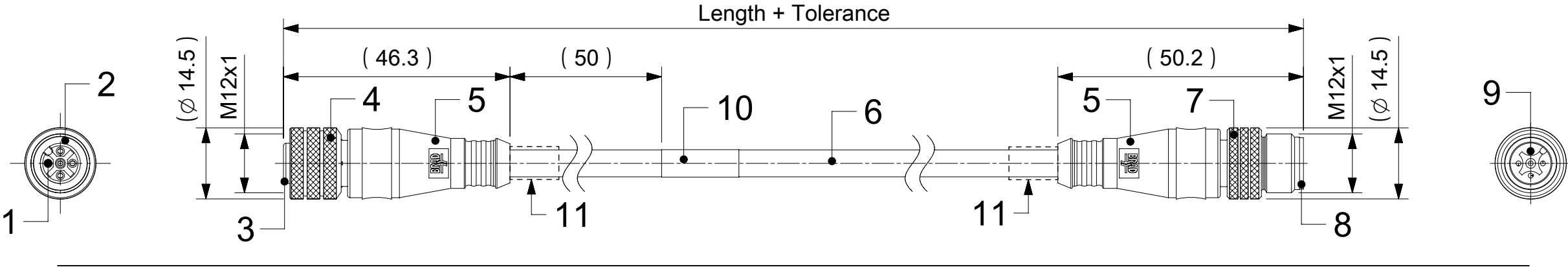


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT



NOTES:

- RATED VOLTAGE: 3, 4 contacts 250V per IEC 60664
5 contacts 60V per IEC 60664
5 contacts 250V per UL 2238
8 contacts 30V per IEC 60664
RATED CURRENT: 3, 4, 5 contacts 4A
8 contacts 2A

- PROTECTION CLASS: IP 67
TEMPERATURE: -25°C / +85°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	---	5	---	5	GREY OR GREEN/YELLOW	5	GREY
							6	PINK
							7	BLUE
CODING REQUIRED TO IEC 61076-2-101								

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

11	SEE SHEET 2	ID CARRIER	PVC	TRANSPARENT
10	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES lxx	---	---
9	3 / 4 / 5 / 8	CONTACT MALE	SEE PART LIST	SELECTIVE Au OVER Ni
8	1	INSERT MALE BLACK	TPU	---
7	1	COUPLING NUT MALE	---	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	TPU	---
4	1	COUPLING NUT FEMALE	---	---
3	1	INSERT FEMALE BLACK	PUR	---
2	1	ORING RED	FPM	---
1	3 / 4 / 5 / 8	CONTACT FEMALE	SEE PART LIST	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION AS PER PCN#506884

EC NO: 662770

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2021/02/23

2021/06/02

2021/06/02

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: RSILLER

2016/09/19

2016/12/08

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

A3-SIZE

120066

SEE TABLE

GENERAL MARKET

1 OF 5

molex

CSE M12 XP AC FE STR MA STR XM DE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200668165

DOC TYPE

PSD

DOC PART

000

REVISION

A4

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

OPTIONS

8

8

X

0

3

0

X

X

X

X

X

X

X

X

88=Micro-Change
M12x1
Double ended

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

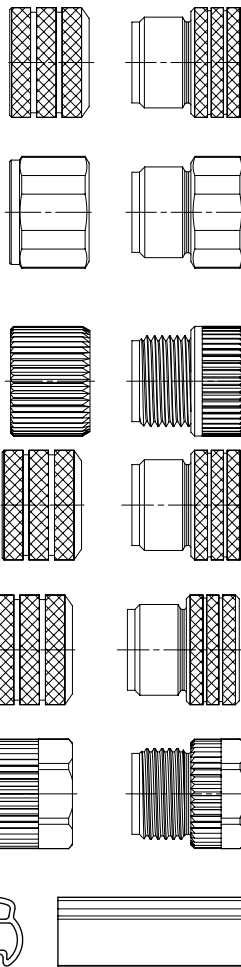
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

Overmold color:
Blank (Standard)=Black TPU
Blank=Yellow PVC for cables
A09, S19, S20, S26
Blank=Yellow TPE-E for cables
K03, K05
A=Grey / G=Black / Y=Yellow

Coupling Nut:
Blank (Standard)=Knurled Brass Ni Plated
1=Hexagonal Stainless steel
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated
Blank=7 for cables I20, I26, K03, K05, P82, S26
8=Type 316 stainless steel
9=Knurled / Hexagonal Brass Ni Plated SW13

H= 2 pcs. of I/D Carrier PVC Transparent
(Cables Ixx & P82 always with 2 pcs. of
I/D Carrier even if no H in Engineering No.)

COUPLING NUT
FEMALE MALE



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

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884

EC NO: 662770
DRWN: SUGEEB
CHK'D: GGA
APPR: GGA

2021/02/23
2021/06/02
2021/06/02

INITIAL REVISION:
DRWN: JMARSZALEK
APPR: RSILLER

2016/09/19
2016/12/08

molex

CSE M12 XP AC FE STR MA STR XM DE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200668165

DOC TYPE

PSD

DOC PART

000

REVISION

A4

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 5

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

120066

CABLE INFORMATION(for more information see Cable Data Sheet).

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
A09	4	22AWG	PVC YELLOW	UL 2661	I/II A/B 80°C/300V	-	-	-	-
B02	4	18AWG	PUR YELLOW	UL 20549	I/II A/B 80°C/300V	-	-	-	-
E52	3 / 4	0.34mm²	PVC GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
E57	5	0.34mm²	PVC GREY	-	-	-	-5°C to +70°C	-	-
I02	3 / 4 / 8	0.25mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
I03	3 / 4 / 5	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
I20	3 / 4	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	YES
I26	5	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	YES
K03	4 / 5	18AWG	TPE YELLOW	UL ITC or PLC	I/II A/B 90°C/300V	max 105°C	-	-	-
K05	3 / 4 / 5	22AWG	TPE YELLOW	UL ITC or PLTC	I/II A/B 90°C/300V	max 105°C	-	-	-
P04	4	0.50mm²	PUR BLACK	-	-	-40°C to +90°C, >7.5xO.D.	-15°C to +90°C, >12.5xO.D.	-	-
P19	8	0.25mm²	PUR BLACK	-	-	-40°C to +90°C, >7.5xO.D.	-15°C to +90°C, >12.5xO.D.	2 000 000 cycles, >15xO.D.	YES
P20	3 / 4 / 5	0.34mm²	PUR BLACK LS0H	-	-	-30°C to +80°C	-	-	YES
P82	3 / 4 / 5	0.34mm²	PUR IRR ORANGE	-	-	-50°C to +105°C, >5xO.D.	-40°C to +105°C, >7.5xO.D.	-	-
S19	8	0.25mm²	PVC YELLOW	UL 2661/1569	C22.2 II A 105°C/300V	-30°C to +105°C, >10xO.D.	-15°C to +105°C, >15xO.D.	-	YES
S20	3 / 4 / 5	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES
S26	5	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES

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: OBSOLETED PART NUMBERS AS PER PCN#506884			molex CSE M12 XP AC FE STR MA STR XM DE PRODUCT CUSTOMER DRAWING					
mm		1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 662770 DRWN: SUGEEB CHK'D: GGA APPR: GGA						2021/02/23 2021/06/02 2021/06/02		
ANGULAR TOL		± 1.0 °										
4 PLACES		±										
3 PLACES		±										
2 PLACES		± 0.05										
1 PLACE		± 0.3		INITIAL REVISION: DRWN: JMARSZALEK APPR: RSILLER			2016/09/19 2016/12/08					
0 PLACES		± 0.5										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				A3-SIZE	120066	SEE TABLE		GENERAL MARKET		3 OF 5		
								1200668165		PSD	000	A4

10				9				8				7				6				5				4				3				2				1				
PART LIST																																								
F	No.	Part No.	Engineering No.	Cable Length					No.	Part No.	Engineering No.	Cable Length					No.	Part No.	Engineering No.	Cable Length					No.	Part No.	Engineering No.	Cable Length					No.	Part No.	Engineering No.	Cable Length				
	1	1200070023	884030S20M060H	6m					48	1200071238	884030S20M015H	1.5m					95	1200660887	884030K03M030	3m					133	1200665368	884030K05M280	28m					170	1200668645	884030P82M0207Y	2m				
	2	1200070095	883030I03M003	0.3m					49	1200071254	884030P82M050	5m					96	1200660891	884030K03M040	4m					134	1200668001	884030K03M110	11m					171	1200668646	884030P82M0208Y	2m				
	3	1200070096	883030I03M006	0.6m					50	1200071264	884030S20M040H	4m					97	1200660895	884030K03M050	5m					135	1200668003	884030K03M005	0.5m					172	1200668647	884030P82M0209Y	2m				
	4	1200070097	883030I03M010	1m					51	1200071272	884030S20M005	0.5m					98	1200660898	884030K03M060	6m					136	1200668004	884030K03M240	24m					173	1200668648	884030P82M0210Y	2m				
E	5	1200070098	883030I03M020	2m					52	1200071279	885030I26M050	5m					99	1200660899	884030K03M070	7m					137	1200668067	884030P82M0507	5m					174	1200668649	884030P82M0211Y	2m				
	6	1200070099	883030I03M030	3m					53	1200071338	884030I20M030	3m					100	1200660900	884030K03M080	8m					138	1200668068	884030S20M010	1m					175	1200668650	884030P82M0212Y	2m				
	7	1200070100	883030I03M050	5m					54	1200071343	883030E52M003A	0.3m					101	1200660901	884030K03M090	9m					139	1200668082	885030I26M006	0.6m					176	1200668651	884030P82M0213Y	2m				
	8	1200070101	883030I03M100	10m					55	1200071428	884030P82M0407	4m					102	1200660902	884030K03M100	10m					140	1200668090	885030S26M020H	2m					177	1200668652	884030P82M0214Y	2m				
	9	1200070110	883030S20M010	1m					56	1200071501	884030P82M003	0.3m					103	1200660904	884030K03M120	12m					141	1200668098	888030P19M010	1m					178	1200668653	884030P82M0215Y	2m				
D	10	1200070111	883030S20M020	2m					57	1200071580	884030P82M030	3m					104	1200660905	884030K03M140	14m					142	1200668099	888030P19M050	5m					179	1200668654	884030P82M0216Y	2m				
	11	1200070480	884030I03M010	1m					58	1200071582	884030P82M015	1.5m					105	1200660906	884030K03M150	15m					143	1200668165	885030I03M100	10m					180	1200668655	884030P82M0217Y	2m				
	12	1200070481	884030I03M020	2m					59	1200071624	884030E52M030A	3m					106	1200660907	884030K03M160	16m					144	1200668172	883030S20M050	5m					181	1200668656	884030P82M0218Y	2m				
	13	1200070483	884030I03M050	5m					60	1200071627	884030I03M0205	2m					107	1200660909	884030K03M200	20m					145	1200668187	884030P82M050H	5m					182	1200668657	884030P82M0219Y	2m				
	14	1200070484	884030I03M060	6m					61	1200071647	884030P82M0307	3m					108	1200660911	884030K03M250	25m					146	1200668252	888030P19M030	3m					183	1200668658	884030P82M0220Y	2m				
C	15	1200070485	884030I03M100	10m					62	1200072106	885030I26M005	0.5m					109	1200660915	884030K05M070	7m					147	1200668281	885030I26M025	2.5m					184	1200668659	884030P82M0221Y	2m				
	16	1200070494	884030P82M0057	0.5m					63	1200072359	885030I26M015	1.5m					110	1200660918	884030K05M140	14m					148	1200668310	883030S20M005	0.5m					185	1200668660	884030P82M0222Y	2m				
	17	1200070499	884030S20M020	2m					64	1200072601	884030P82M0201	2m					111	1200660921	884030K05M200	20m					149	1200668349	884030P82M0101	1m					186	1200668661	884030P82M0223Y	2m				
	18	1200070500	884030S20M030	3m					65	1200660271	884030A09M020	2m					112	1200660922	884030K05M210	21m					150	1200668371	883030I03M040	4m					187	1200668662	884030P82M0224Y	2m				
	19	1200070502	884030S20M050	5m					66	1200660273	884030A09M0208	2m					113	1200661034	885030K03M010	1m					151	1200668372	884030I03M040	4m					188	1200668663	884030P82M0225Y	2m				
B	20	1200070504	884030S20M100	10m					67	1200660277	884030A09M030	3m					114	1200661035	885030K03M020	2m					152	1200668505	884030P20M010	1m					189	1200668664	884030P82M0226Y	2m				
	21	1200070597	885030S26M010	1m					68	1200660286	884030A09M0508	5m					115	1200661036	885030K03M030	3m					153	1200668506	884030P20M020	2m					190	1200668665	884030P82M0227Y	2m				
	22	1200070653	884030E52M200A	20m					69	1200660291	884030A09M070	7m					116	1200661038	885030K03M050	5m					154	1200668507	884030P20M050	5m					191	1200668666	884030P82M0228Y	2m				
	23	1200070774	884030I03M006	0.6m					70	1200660683	884030K05M003	0.3m					117	1200661042	885030K03M090	9m					155	1200668508	884030P20M100	10m					192	1200668667	884030P82M0229Y	2m				
	24	1200070785	884030I03M030	3m					71	1200660684	884030K05M005	0.5m					118	1200661043	885030K03M100	10m					156	1200668517	884030P82M1007	10m					193	1200668668	884030P82M0230Y	2m				
A	25	1200070798	884030P82M010	1m					72	1200660686	884030K05M006	0.6m					119	1200661044	885030K03M150	15m					157	1200668615	884030K05M050H	5m					194	1200668669	884030P82M0231Y	2m				
	26	1200070799	884030P82M020	2m					73	1200660687	884030K																													

PART LIST

No.	Part No.	Engineering No.	Cable Length
171	1200668735	884030P82M0707Y	7m
172	1200668736	885030I26M015Y	1.5m
173	1200668773	885030P82M0107	1m
174	1200668873	885030I26M050Y	5m
175	1200669113	884030A09M0308	3m
176	1200669118	884030P82M0307Y	3m
177	1200669149	883030I03M010Y	1m
178	1200669218	885030I03M100Y	10m
179	1200669227	884030K05M500	50m
180	1200669228	884030K05M600	60m
181	1200718014	884030P82M0607	6m
182	1200660166	883030A09M010	1m
183	1200660261	884030A09M005	0.5m
184	1200660262	884030A09M006	0.6m
185	1200660266	884030A09M010	1m
186	1200660269	884030A09M015	1.5m
187	1200660294	884030A09M080	8m
188	1200660299	884030A09M1008	10m
189	1200660434	885030A09M050	5m
190	1200661037	885030K03M040	4m
191	1200661039	885030K03M060	6m
192	1200661041	885030K03M080	8m
193	1200661684	885030K03M300	30m
194	1200661686	885030K03M180	18m
195	1200661687	885030K03M230	23m
196	1200668081	885030E57M100A	10m

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETE PART NUMBERS
AS PER PCN#506884

EC NO: 662770
DRWN: SUGEEB
CHK'D: GGA
APPR: GGA

2021/02/23
2021/06/02
2021/06/02

INITIAL REVISION:
DRWN: JMARSZALEK
APPR: RSILLER

2016/09/19
2016/12/08

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

moLEX

CSE M12 XP AC FE STR MA STR XM DE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200668165

DOC TYPE

PSD

DOC PART

000

REVISION

A4

A3-SIZE

120066

SEE TABLE

GENERAL MARKET

5 OF 5

DOCUMENT STATUS

P1

RELEASE DATE

2021/06/02 05:45:39

FORMAT: master-bb-prod-A3
REVISION: J
DATE: 2020/01/14

9

8

7

6

5

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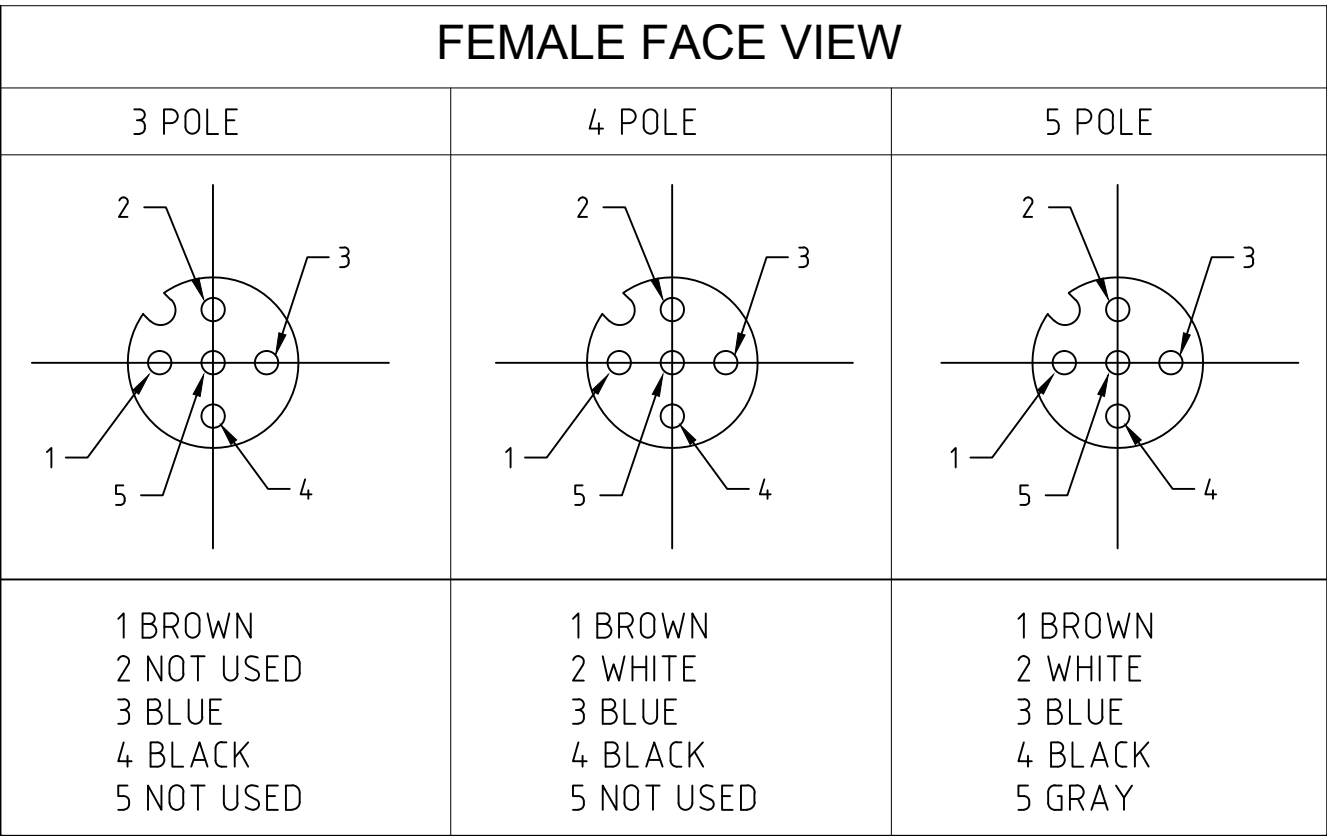
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D

C

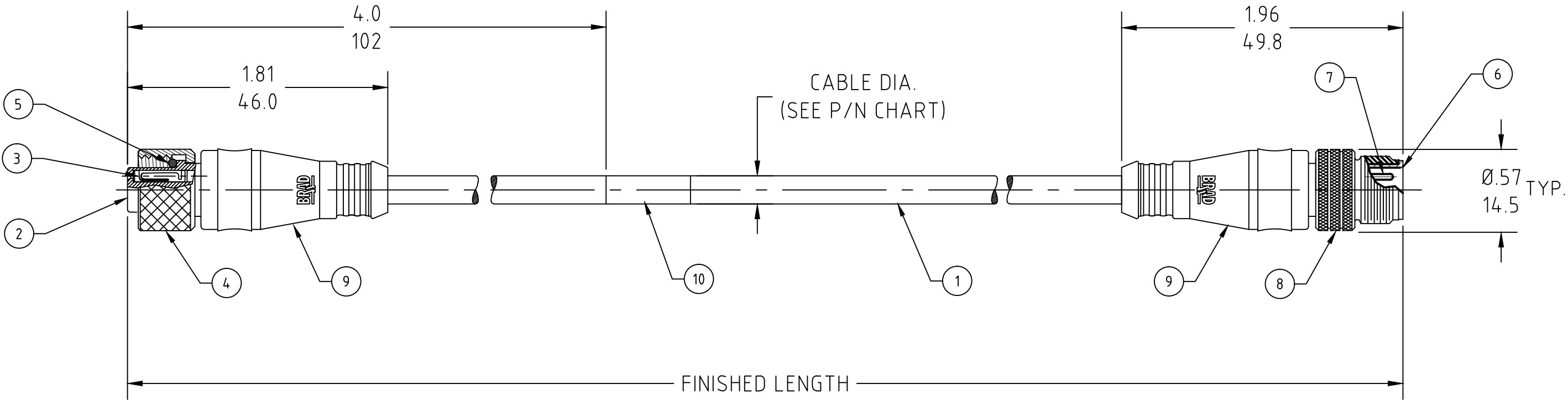
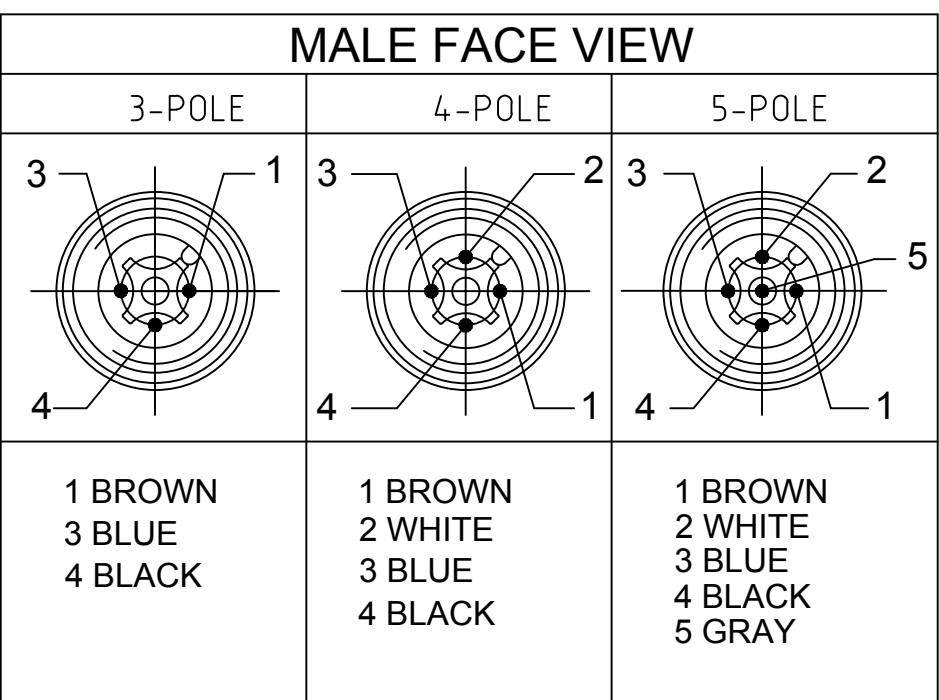
B

A



B

PART NO.	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1200660677	883030K05M020	2.0M [6'7"]	3	.20/5.1
1200660691	884030K05M040	4.0M [13'1"]	4	.21/5.3
1200662133	885030K05M100	10.0M [32'10"]	5	.23/5.8



B

PART NO. LEGEND

883030K05M020

POLES: 3,4 & 5

CABLE TYPE
22AWG
TPE YELLOW

FINISHED LENGTH
M005 = 0.5 Meters
M010 = .0 Meter
M100 = 10 Meters

- B**
- NOTES:**
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
 4. TEMP RATING: -25°TO +105°C
 5. PROTECTION: IP67 (WHEN MATED)
 6. COUPLING THREAD: M12 X 1
 7. UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837
 8. ALL DIMS ARE FOR REFERENCE
UNLESS NOTED OTHERWISE

B

10	WRAP LABEL	VINYL	BLACK/YELLOW
9	OVERMOLD	TPE	YELLOW
8	COUPLING NUT	BRASS	NICKEL PLATED
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED
6	MALE INSERT	PUR	BLACK
5	O-RING	VITON	RED
4	COUPLING NUT	BRASS	NICKEL PLATED
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	PUR	BLACK
1	CABLE, 22AWG, 300V, 105°	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

B

CABLE FLEX CHARACTERISTICS

TORSIONAL FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

B

CABLE LENGTH TOLERANCES

>.3M [1FT]: +19mm-0 [+ .75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

RELEASED EC NO: IPG2019-0231 DRWN: RSTONE CHKD: M ZIELIN APPR: BWOODMAN2010/01/29 11/6/18	QUALITY SYMBOL =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		4 PLACES	mm	INCH	DRAWN BY LSTEMMLE	DATE 2010/01/25	TITLE MICRO-CHANGE CORDSET 3/4/5 P. FE STR/ MA STR 22/3-5 YELLOW TPE CABLE			
		3 PLACES	mm	INCH	CHECKED BY RE	DATE 2010/01/26				
		2 PLACES	mm	INCH	APPROVED BY NSTAUDIG	DATE 2010/01/29	DOCUMENT NO. SD-120066-011			
		1 PLACE	mm	INCH	MATERIAL NO. ---					
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						

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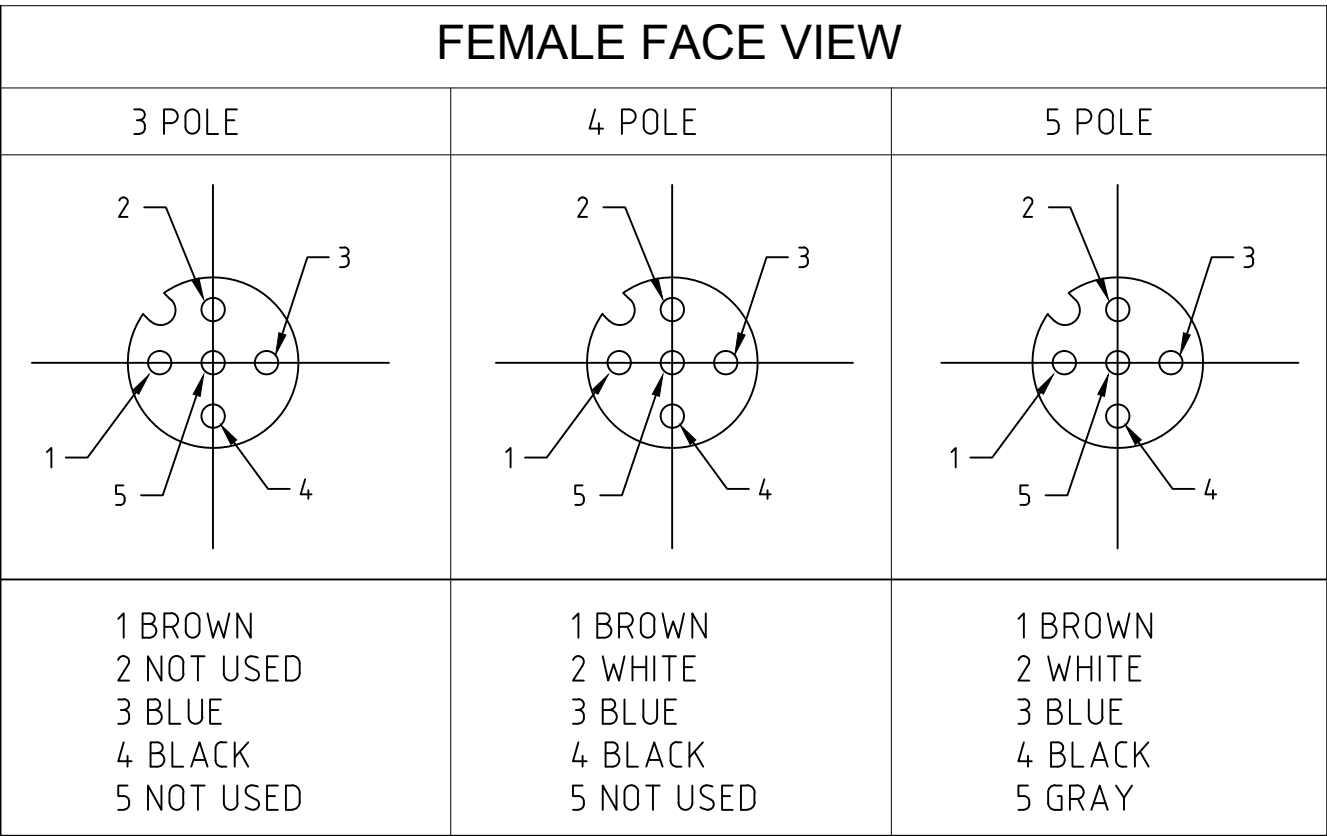
E

D

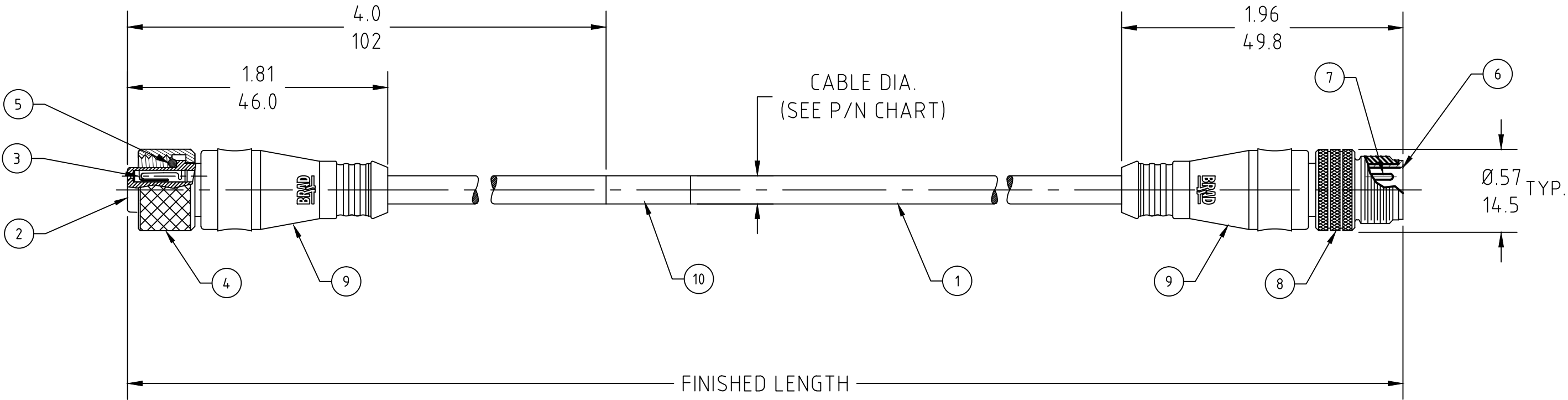
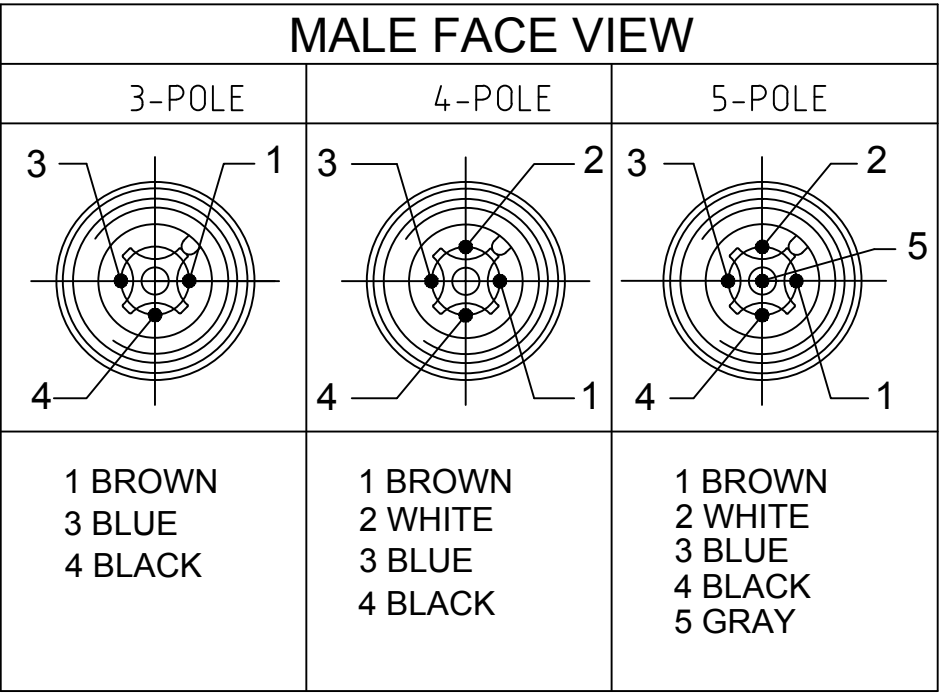
C

B

A



B				
PART NO.	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1200660677	883030K05M020	2.0M [6'7"]	3	.20/5.1
1200660691	884030K05M040	4.0M [13'1"]	4	.21/5.3
1200662133	885030K05M100	10.0M [32'10"]	5	.23/5.8



CABLE FLEX CHARACTERISTICS

TORSIONAL FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	10 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

B		CABLE LENGTH TOLERANCES
		>.3M [1FT]: +19mm-0 [+ .75in-0]
		.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
		.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
		1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
		3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
		7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
		14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
		OVER 30M [100FT] +2% OF FINISHED LENGTH

10	WRAP LABEL	VINYL	BLACK/YELLOW
9	OVERMOLD	TPE	YELLOW
8	COUPLING NUT	BRASS	NICKEL PLATED
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED
6	MALE INSERT	PUR	BLACK
5	O-RING	VITON	RED
4	COUPLING NUT	BRASS	NICKEL PLATED
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	PUR	BLACK
1	CABLE, 22AWG, 300V, 105°	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

RELEASED EC NO: IPG2019-0231 DRWN: RSTONE CHKD: M ZIELIN APPR: BWOODMAN2010/01/29 11/6/18		DESCRIPTION	QUALITY SYMBOL ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY LSTEMMLE		DATE 2010/01/25	TITLE MICRO-CHANGE CORDSET 3/4/5 P. FE STR/ MA STR 22/3-5 YELLOW TPE CABLE			
				4 PLACES	±---	±---	CHECKED BY RE		DATE 2010/01/26				
				3 PLACES	±---	±---	APPROVED BY NSTAUDIG		DATE 2010/01/29	molex MOLEX INCORPORATED			
				2 PLACES	±---	±---	MATERIAL NO. ---		DOCUMENT NO. SD-120066-011				
				1 PLACE	±---	±---	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
B		REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

Mouser Electronics

Authorized Distributor

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