

MATERIAL NO.	ENGINEERING NO.	LENGTH
1300120339	333030P80M050	16' 5" +6.50-0 (5M +16.5cm-0)
1300120341	333030P80M100	32' 10" +12.50-0 (10M +31.8cm-0)

J

I

H

G

F

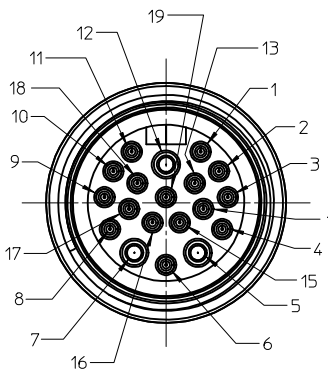
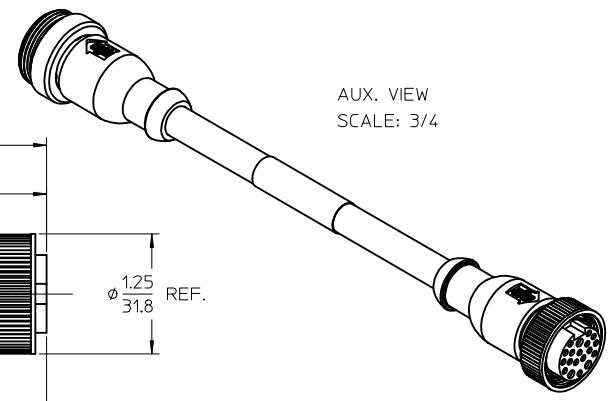
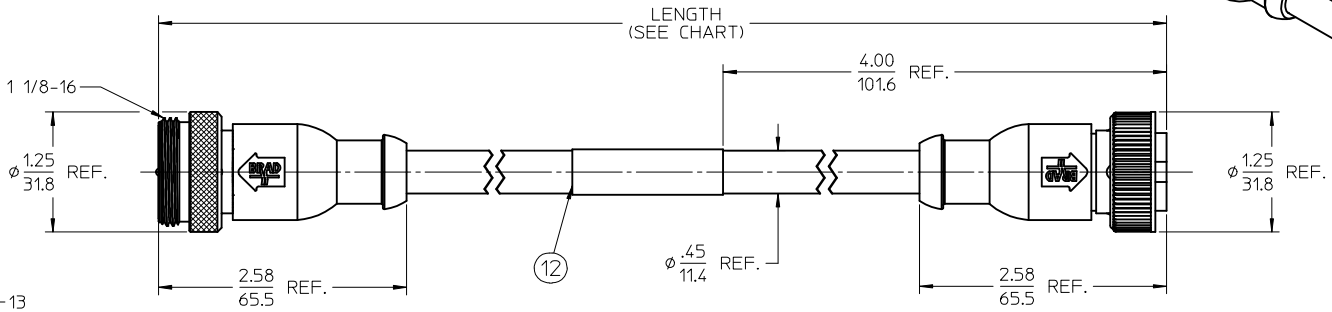
E

D

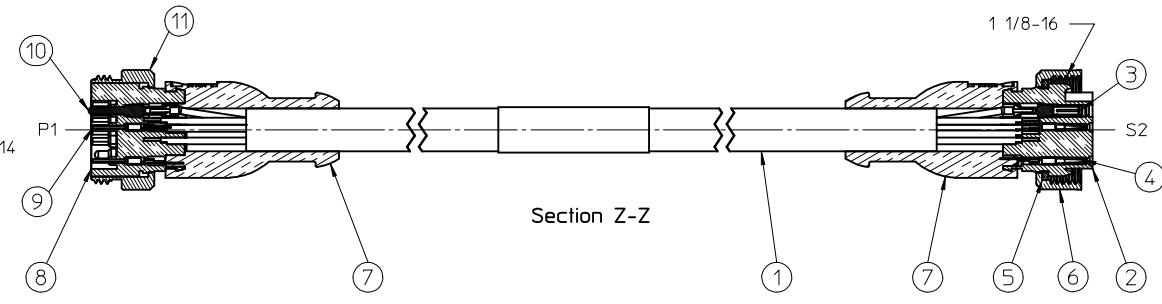
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B

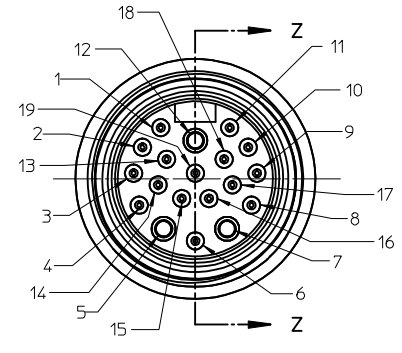
A



MALE FACE VIEW
SCALE 2:1



Section Z-Z



FEMALE FACE VIEW
SCALE 2:1

- NOTES:
- 1. MATERIAL: SEE TABLE
 - 2. FINISHES: SEE TABLE
 - 3. MATES WITH: 19 POLE MALE MINI-CHANGE
 - 4. ELECTRICAL SPECIFICATIONS:
 - VOLTAGE RATING: 300V AC/DC
 - CURRENT RATING: 3 AMPS (18 AWG)
 - 2 AMPS (22 AWG)
 - 5. ASSEMBLY IS RoHS COMPLIANT

P1	S2
1 VIOLET	1
2 RED	2
3 GRAY	3
4 RED/BLUE	4
5 BLUE (-VE)	5
6 GREEN	6
7 BROWN (+VE)	7
8 WHITE/GREEN	8
9 WHITE/YELLOW	9
10 WHITE/GRAY	10
11 BLACK	11
12 YELLOW/GREEN (GRD)	12
13 YELLOW/BROWN	13
14 BROWN/GREEN	14
15 WHITE	15
16 YELLOW	16
17 PINK	17
18 GRAY/BROWN	18
19 GRAY/PINK	19

WIRING DIAGRAM

12	1	WRAP LABEL	PLASTIC FILM	YELLOW/BLACK
11	1	COUPLING NUT, C-SIZE, MALE	ALUMINUM	BLACK ANNDIZED
10	3	CONTACT PIN, 18 AWG	Cu ALLOY	GOLD PLATED
9	16	CONTACT PIN, 20 AWG	Cu ALLOY	GOLD PLATED
8	1	INSERT, MALE, 19 POLE	PVC	YELLOW
7	2	OVERMOLD	PVC	YELLOW
6	1	COUPLING NUT, C-SIZE, FEMALE	DIE CAST ZINC	BLACK
5	1	FRICION RING, C-SIZE	NYLON	WHITE
4	16	CONTACT SOCKET	Cu ALLOY	GOLD PLATED
3	3	CONTACT SOCKET/SLEEVE ASSY	BRASS/SS	GOLD PLATED
2	2	INSERT, FEMALE, 19 POLE	PVC	YELLOW
1	1	CABLE, 3 X 0.75mm ² (18 AWG) + 16 X 0.34mm ² (22 AWG)	PUR OUTER JACKET	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

RELEASED
EC NO: WNA2010-0113
DRAWN:STONE 2009/08/21
CHKD:B.WOODMAN
APPR:J.MURPHY 2009/08/21

QUALITY SYMBOLS
▽=0
▽=0

DESCRIPTION
REV

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 R.STONE
DATE 2009/08/19
CHECKED BY B.WOODMAN
DATE 2009/08/20
APPROVED BY J.MURPHY
DATE 2009/04/16

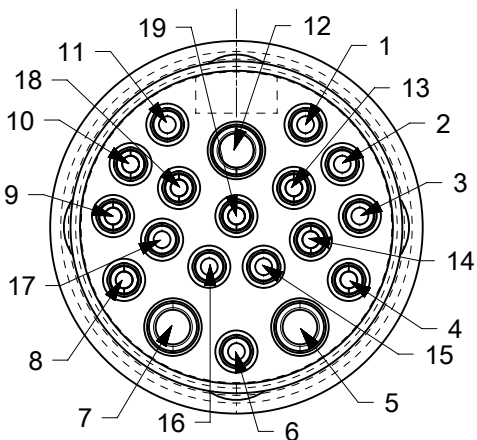
SCALE 1:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION

TITLE
MINI-CHANGE 19 POLE
MALE/FEMALE, STRAIGHT
CABLE ASSEMBLY (WEU)

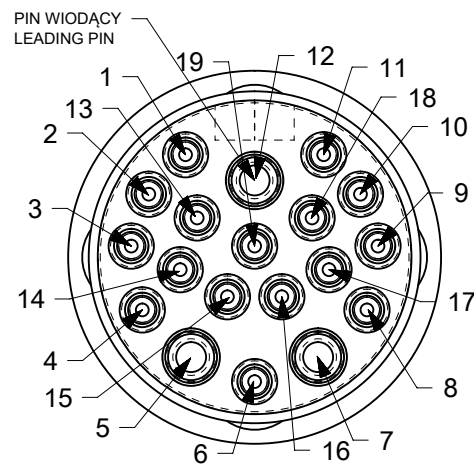
MATERIAL NO. SEE CHART
DOCUMENT NO. SD-130012-004
SHEET NO. 1 OF 1

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

WIRING CONFIGURATION



PIN	WIRE COLOR
1	VIOLET
2	RED
3	GREY
4	RED-BLUE
5	BLUE
6	GREEN
7	BROWN
8	WHITE-GREEN
9	WHITE-YELLOW
10	WHITE-GREY
11	BLACK
12	YELLOW-GREEN
13	YELLOW-BROWN
14	BROWN-GREEN
15	WHITE
16	YELLOW
17	PINK
18	GREY-BROWN
19	GREY-PINK



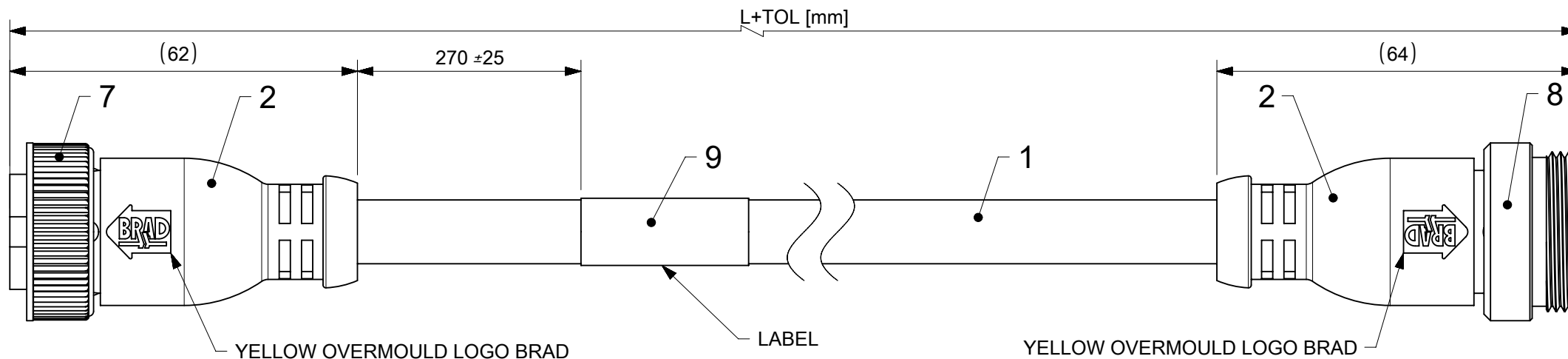
NOTES:

1. MATERIAL: SEE BOM TABLE
2. FINISH: SEE BOM TABLE
3. CABLE: SEE TABLE 1
4. ELECTRICAL DATA:
 - MAX. VOLTAGE: 300 AC/DC
 - MAX. CURRENT: 3.0A(18 AWG) / 2.0A(22AWG)
5. ENVIRONMENTAL:
 - PROTECTION IP67
 - OPERATING TEMPERATURE -20°C TO +80°C
6. WRAP LABEL IS MARKED WITH P/N, DATA CODE, VOLTAGE AND AMPERAGE.

MOLEX PN	ENGINEERING NO.	L [mm]	CABLE TYPE
1300120331	333030E80M020	2000	3x0.75mm ² +16x0.34mm ² , PVC YELLOW
1300120332	333030E80M050	5000	3x0.75mm ² +16x0.34mm ² , PVC YELLOW
1300120333	333030P80M010	1000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120334	333030P80M015	1500	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120335	333030P80M020	2000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120336	333030P80M025	2500	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120337	333030P80M030	3000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120338	333030P80M040	4000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120339	333030P80M050	5000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120340	333030P80M060	6000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120341	333030P80M100	10000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120343	333030P80M120	12000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120345	333030P80M150	15000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120346	333030P80M160	16000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120349	333030P80M200	20000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120350	333030P80M220	22000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120351	333030P80M250	25000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120354	333030P80M300	30000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300120357	333030P80M400	40000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300128019	333030P80M2505	25000	3x0.75mm ² +16x0.34mm ² , PUR BLACK
1300128020	333030P80M0505	5000	3x0.75mm ² +16x0.34mm ² , PUR BLACK

REVISION A2	TRANSFERRED TO ECTR UPDATE TABLE 1
REVISION A3	OBSOLETE PART NUMBER 1300128031

FACE VIEW FEMALE



FACE VIEW MALE

BOM

9	1	LABEL 2.0X1.75	VINYL	YELLOW
8	1	NUT C-SIZE MALE	ALUMINIUM	BLACK
7	1	MC COUPLING NUT (C-SIZE)	BRASS	NICKEL
6	1	FEMALE INSERT MC-19P	APEX 4011	YELLOW
5	1	MALE INSERT MC-19P	APEX 4011	YELLOW
4	19	CONTACT 10 FEMALE	BRONZE	Cu/Ni2-4
3	19	CONTACT 10 MALE	BRONZE	NICKEL
2	-	MOULDING MATERIAL	PVC	YELLOW
1	-	CABLE 3x0.75+16x0.34	SEE TABLE 1	SEE TABLE 1
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
DOCUMENT STATUS		P1	RELEASE DATE	2020/01/13 05:56:35

TABLICA TOLERANCJI DŁUGOŚCI TABLE OF LENGTH TOLERANCES

POWYŻEJ OVER	DO- WŁĄCZNIE UP TO AND INCLUDING	TOLREANCJA TOLERANCE
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% DŁUGOŚCI OF LENGTH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC: OBSOLETED PART NO		molex							
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL	± °	EC NO: 628886				CSE MC 19P FE MA PUR XM DE							
4 PLACES	±	DRWN: RPRABHUM 2019/08/23											
3 PLACES	±	CHK'D: GGA 2020/01/13											
2 PLACES	±	APPR: GGA 2020/01/13		PRODUCT CUSTOMER DRAWING									
1 PLACE	±	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION					
0 PLACES	±	DRWN: EJABLONSKA01 2013/03/14		SD-130012-015		PSD	001	A3					
		APPR: DGODZISZ 2013/06/04											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 130012		MATERIAL NUMBER SEE TABLE 1		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	