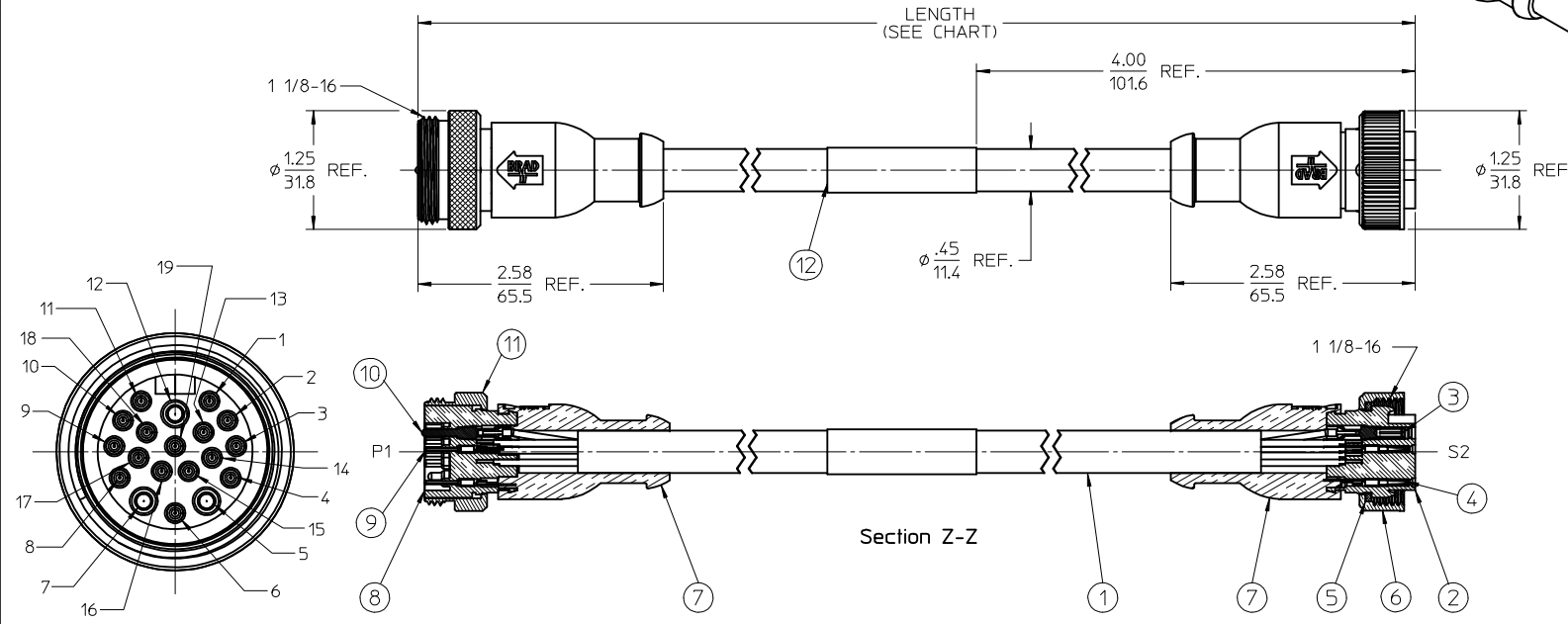


MATERIAL NO.	ENGINEERING NO.	LENGTH
1300120339	333030P80M050	16' 5" +6.50-0 (5M +16.5cm-0)
1300120341	333030P80M100	32' 10" +12.50-0 (10M +31.8cm-0)



MALE FACE VIEW
SCALE 2:1

AUX. VIEW
SCALE: 3/4

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	1	VIOLET	S2	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	FRICITION 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

REV DESCRIPTION

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

MATERIAL NO. SEE CHART
SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE 1:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION

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

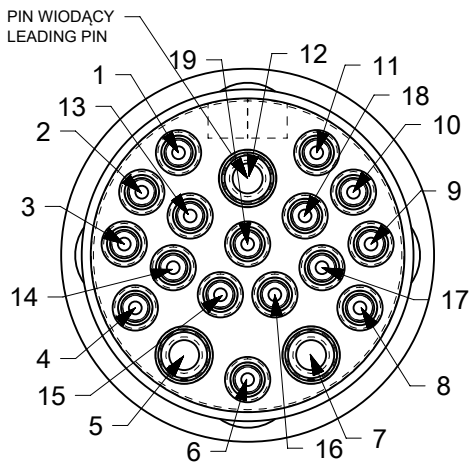
MOLEX MOLEX INCORPORATED

DOCUMENT NO. SD-130012-004
SHEET NO. 1 OF 1

BACK VIEW FEMALE

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-GRAY
11	BLACK
12	YELLOW-GREEN
13	YELLOW-BROWN
14	BROWN-GREEN
15	WHITE
16	YELLOW
17	PINK
18	BROWN-BROWN
19	GRAY-PINK

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



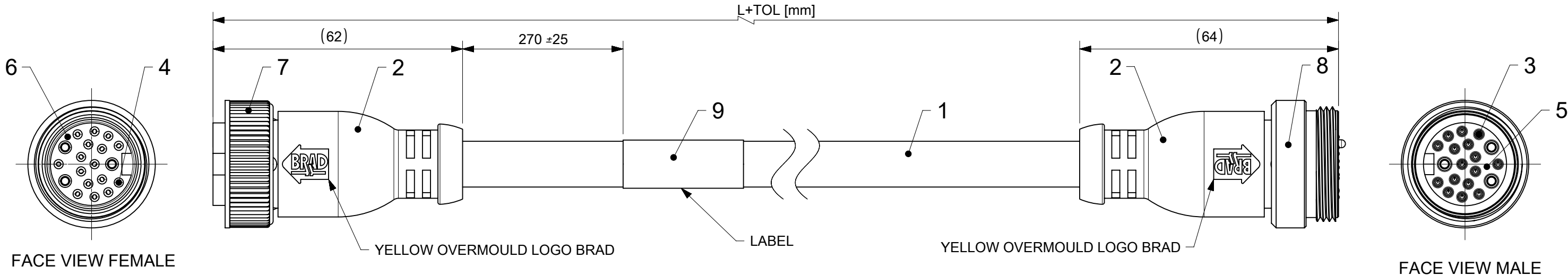
BACK VIEW MALE

TABLE 1	A2		
MOLEX PN	ENGINEERING NO.	L [mm]	CABLE TYPE
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
REVISION A4	OBSOLETE PART NUMBER 1300120331

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.



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	2025/08/05 13:01:56

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		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#516685			molex CSE MC 19P FE MA PUR XM DE		
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± °									
4 PLACES		±		EC NO: 830087			PRODUCT CUSTOMER DRAWING		
3 PLACES		±		DRWN: PONNAM					