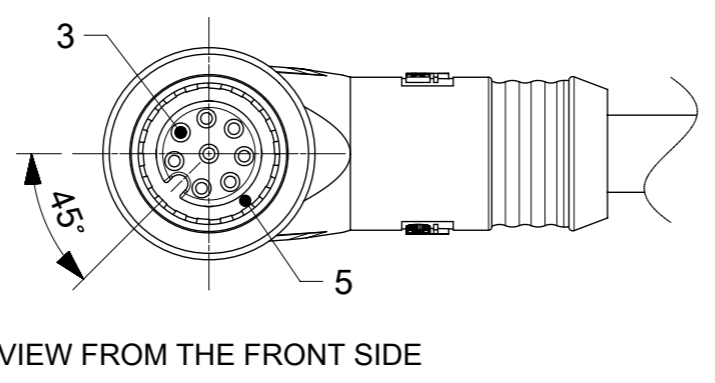
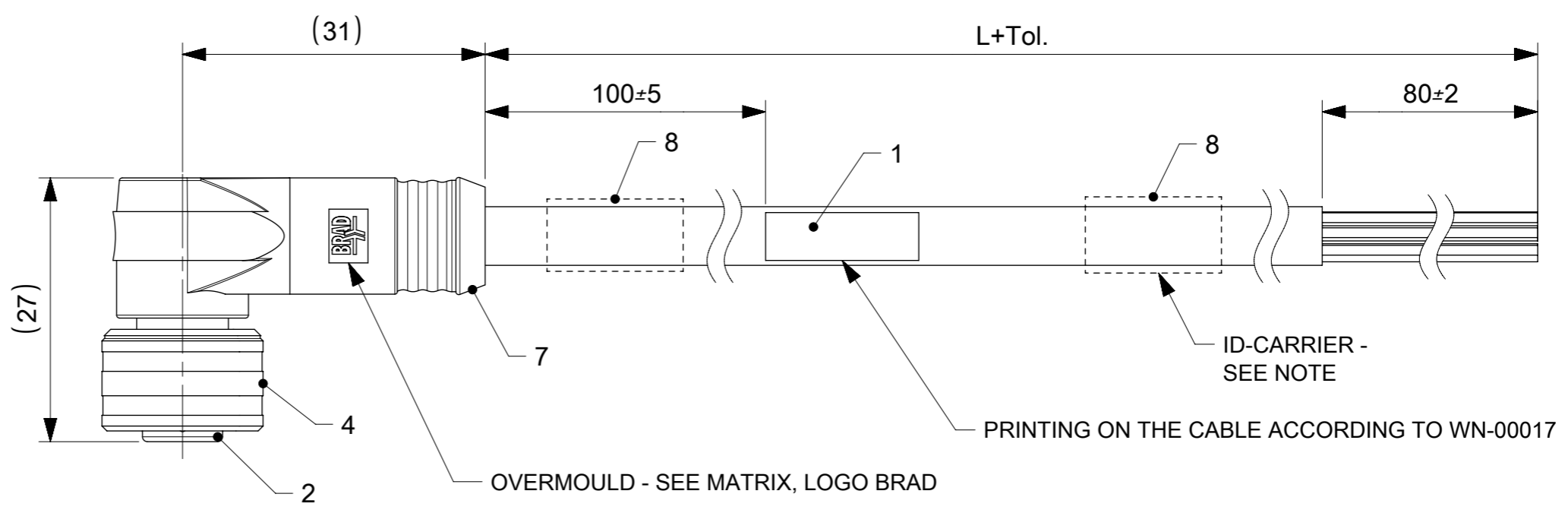
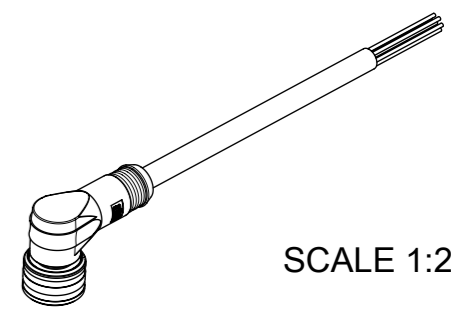


PIN	WIRE COLOR
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GREY
6	PINK
7	BLUE
8	RED

CONNNECTOR SPECIFICATION :

VOLTAGE : 30V AC/DC
 AMPERAGE RATING : MAX. 2 AMPS
 PROTECTION : IP68
 OPERATING TEMPERATURE : -30°C TO +80°C
 UL CERTIFICATION : UL RECOGNIZED , FILE NO: E152210

ELECTRICAL TEST SPECIFICATION : PS-120000-001



BILL OF MATERIAL

ITEM	QTY.	DISCRIPTION	MATERIAL	FINISH/COLOR
1	-	CALBE	SEE MATRIX	SEE MATRIX
2	1	INSERT FEMALE	TPU	BLACK
3	8	CONTACT FEMALE	COPPER	SELECTIVE GOLD OVER NICKEL
4	1	NUT	BRASS	Ni-PLATED
5	1	ORING	FPM	GREEN
6	1	SLEEVE	BRASS	Ni-PLATED
7	-	MOULDING	TPU	SEE MATRIX
8	SEE MATRIX	ID CARRIER	PVC	TRASPARENT

NOTE:
 IF IN MATRIX IS "H" - ADD ID-CARRIER'S ON THE BOTH SIDES HARNESS

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

DIMENSION UNITS mm	SCALE 2:1	CURRENT REV DESC:		molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 178454				
ANGULAR TOL ± 1.0°	4 PLACES ±	DRWN: SSM	2018/06/21	PRODUCT CUSTOMER DRAWING		
3 PLACES ±	2 PLACES ± 0.05	CHK'D: SSM	2018/06/27	DOCUMENT NUMBER		
1 PLACE ± 0.3	0 PLACES ± 0.5	APPR: RSILLER	2018/06/28	1200795114		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION:		DOC TYPE	DOC PART	REVISION
THIRD ANGLE PROJECTION		DRWING	SERIES	PSD	000	A
DRAWING		A3-SIZE	120079	SHEET NUMBER		
MATERIAL NUMBER		CUSTOMER		1 OF 2		
SEE SHEET 2		GENERAL MARKET				

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

OPTIONS

W 0 8 0 0 1 X X X X X X X X

W0=U12
Ultra Lock
Single ended

Poles:
8=8 Poles

Heads style:
001=Plug Female 90°

Cable type: See Table

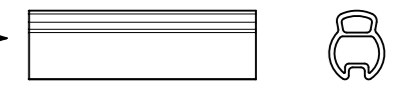
UNIT :
M = METER
F = FEET
C = CENTIMETERS
T = 10M

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

Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow

Coupling Nut :
Blank = KNU
7 =Teflon KNU

H= 2 pcs. of I/D Carrier PVC Transparent



CABLE SPECIFICATION :

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
H08	8	0.25mm ²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles at 20°C, Temp. range +5°C to +60°C	-
P02	8	0.25mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-

TABLE 1

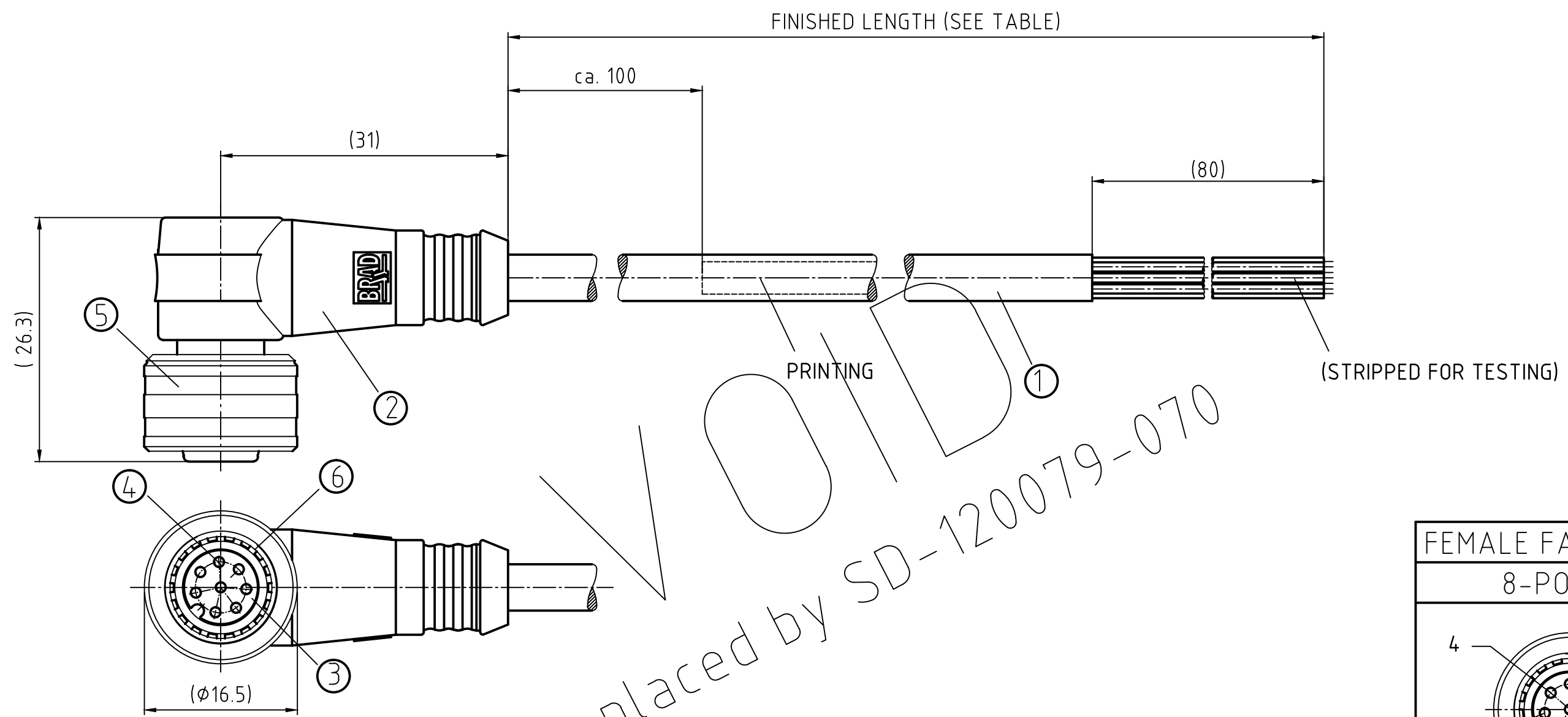
No.	Molex P/N	Engineering no.	Cable Length
1	1200795114	W08001P02M020	2m
2	1200798043	W08001H08M020	2m
3	1200798146	W08001H08M050	5m
4	1200798147	W08001H08M100	10m
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

CABLE LENGTH TOLERANCES

OVER	UP TO AND INCLUDING	TOLERANCES
0	305mm	+19mm
305mm	915mm	+45mm
915mm	1830mm	+56mm
1830mm	3660mm	+89mm
3660mm	7320mm	+165mm
7320mm	14640mm	+317mm
14640mm	30500mm	+610mm
30500mm	>	+2% of finished length

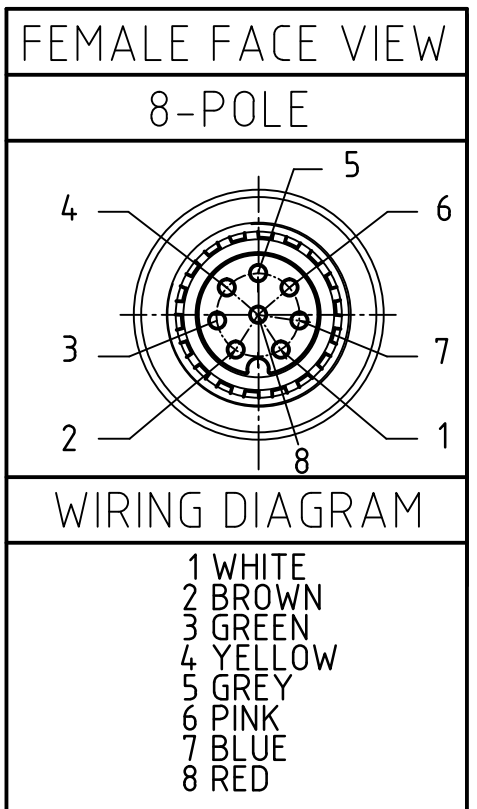
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS mm	SCALE 1:1	CURRENT REV DESC:		molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 178454				
ANGULAR TOL ± 1.0°	4 PLACES ±	DRWN: SSM	2018/06/21	PRODUCT CUSTOMER DRAWING		
3 PLACES ±	2 PLACES ± 0.05	CHK'D: SSM	2018/06/27	DOCUMENT NUMBER		
1 PLACE ± 0.3	1 PLACE ± 0.5	APPR: RSILLER	2018/06/28	1200795114		
0 PLACES ± 0.5	INITIAL REVISION:	DRWN: SSM	2018/06/21	DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	APPR: RSILLER	2018/06/28	PSD	000	A
	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
	A3-SIZE	120079	SEE TABLE 1	GENERAL MARKET		2 OF 2



CONNECTOR SPECIFICATION:	
VOLTAGE RATING	30V AC/DC
AMPERAGE RATING	max. 2 AMPS
PROTECTION	IP68
OPERATING TEMPERATURE	-30°C TO +80°C
UL CERTIFICATIONS	UL RECOGNIZED, FILE NO. E152210
ASSEMBLY IS	RoHS COMPLIANT

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
8	1200795114	W08001P02M020	2.0M ±25MM



ITEM	COMPONENT	MATERIAL	FINISH
6	O-RING	VITON	GREEN
5	COUPLER	BRASS	NICKEL PLATED
4	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT	PUR	BLACK
2	OVERMOLD	TPE (PUR)	YELLOW
1	CABLE 0.25mm ² /24AWG (COPPER STRANDING) 8 CONDUCT.	JACKET: PUR/PVC	JACKET: BLACK

DESCRIPTION EC NO.: IPG2014-0681 DRWN.: RSCHIEBE 2013/10/22 CHKD.: APOHL APPR.: CBURGER 2010/03/19	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ±--- mm 3 PLACES ±--- INCH 2 PLACES ±--- mm 1 PLACE ±0.3 INCH ANGULAR ± --- °	DRAWN BY REISSNER	DATE 2010/03/18	MICRO-CHANGE ULTRA LOCK 8-POLE FEMALE 90 #24AWG PUR BLACK CABLE		
2	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY FPACHER	DATE 2010/03/19	MOLEX INCORPORATED	
		SEE TABLE		MATERIAL NO.	DOCUMENT NO. SD-120079-048	SHEET NO. 1 OF 1	

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

F

E

D

C

B

A

F

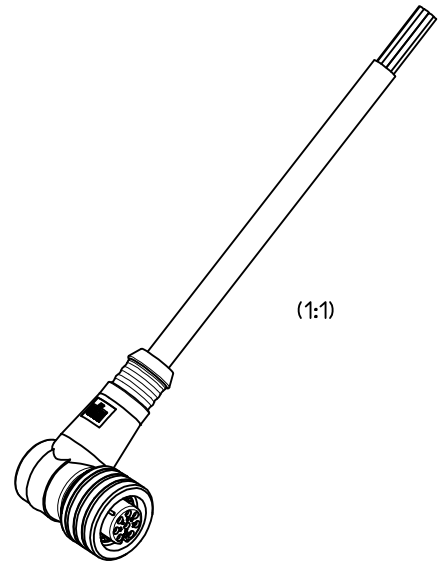
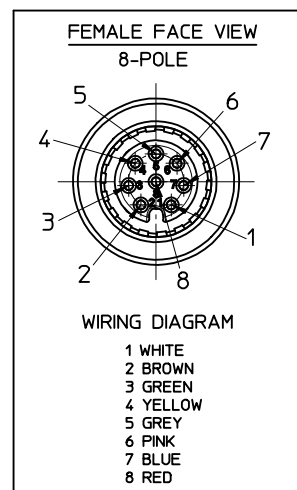
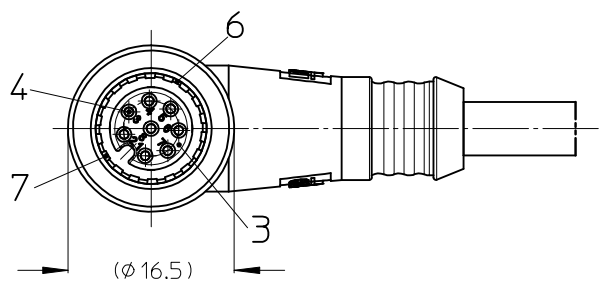
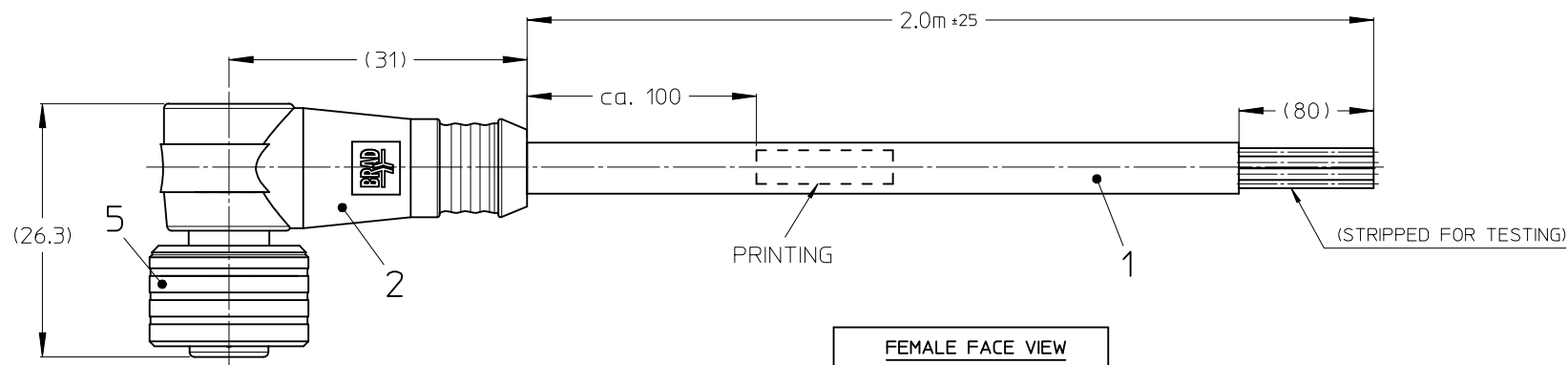
E

D

C

B

A



ITEM	QTY	COMPONENT	MATERIAL	FINISH
1	1	CABLE 0.25 mm ² /24 AWG (COPPER STRANDING) 8 CONDUCT.	JACKET: OUTER PUR/INNER PVC BK	-
2	1	OVERMOLD	TPU BK	-
3	1	INSERT 8P FE	ELASTOLLAN R3000 NATURAL	-
4	8	CONTACT	CuZn38Pb2	GOLD OVER NICKEL
5	1	SLEEVE U12	BRASS	NICKEL PLATED
6	1	GASKET OR 10.3x12	FPM GN	-
7	1	FEATHER	V4A	-

NOTES:

- CONNECTOR SPECIFICATION:
 VOLTAGE RATING: 30V AC/DC
 AMPERAGE RATING: MAX. 2 AMPS
 PROTECTION: IP68
 OPERATING TEMPERATURE: -30°C TO +80°C
 UL CERTIFICATIONS: UL RECOGNIZED, FILE NO. E152210
- ELECTRICAL TEST SPECIFICATION: PS-120000-001

ENGINEERING NO.: W08001P02M020

ENTER DESCRIPTION EC NO: IPG2014-0681 DRW:RSCHIEBER 2013/10/15 CHKD:APOHL 2013/10/15 APPR:CBURGER 2013/10/25	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY RSCHIEBER	DATE 2013/10/15	TITLE CSE U12 8P AC FE RA PUR 2M SE BK BRA AU			
		4 PLACES	± ---	± ---	CHECKED BY APOHL	DATE 2013/10/15				
		3 PLACES	± ---	± ---	APPROVED BY CBURGER	DATE 2013/10/25				
2 PLACES	± 0.05	± ---	MATERIAL NO. 1200795114		DOCUMENT NO. SD-120079-070		SHEET NO. 1 OF 1			
1 PLACE	± 0.30	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
0 PLACE	± 0.50	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							