

CABLE INFORMATION :

CABLE SPECIFICATION FOR CABLE TYPE E80 :
CABLE SPECIFICATION FOR CABLE TYPE P80 :

CONDUCTOR A:
MATERIAL: BARE COPPER
SECTION: 0.75mm²/19AWG
STRANDING: 42X0.15mm

INSULATION A:
COMPOUND: PVC
DIAMETER: Ø2.1±0.10mm

CONDUCTOR B:
MATERIAL: BARE COPPER
SECTION:- 0.34mm²/22AWG

INSULATION B:
COMPOUND: PVC
DIAMETER: Ø1.55±0.10mm

JACKET:
COMPOUND: PVC
COLOR: YELLOW
DIAMETER: Ø9.80±0.20mm

CONDUCTOR A:
MATERIAL: BARE COPPER
SECTION: 0.75mm²/19AWG
STRANDING: 42X0.15mm

INSULATION A:
COMPOUND: PVC
DIAMETER: Ø2.0±0.10mm

CONDUCTOR B:
MATERIAL: BARE COPPER
SECTION:- 0.34mm²/22AWG

INSULATION B:
COMPOUND: PVC
DIAMETER: Ø1.55±0.10mm

JACKET:
COMPOUND: BLEND PUR
COLOR: BLACK
DIAMETER: Ø11.40±0.25mm

PART NO MATRIX

K

0

3

2

0

1

X

X

X

M

*

*

*

K0 = M23x1
SINGLE ENDED

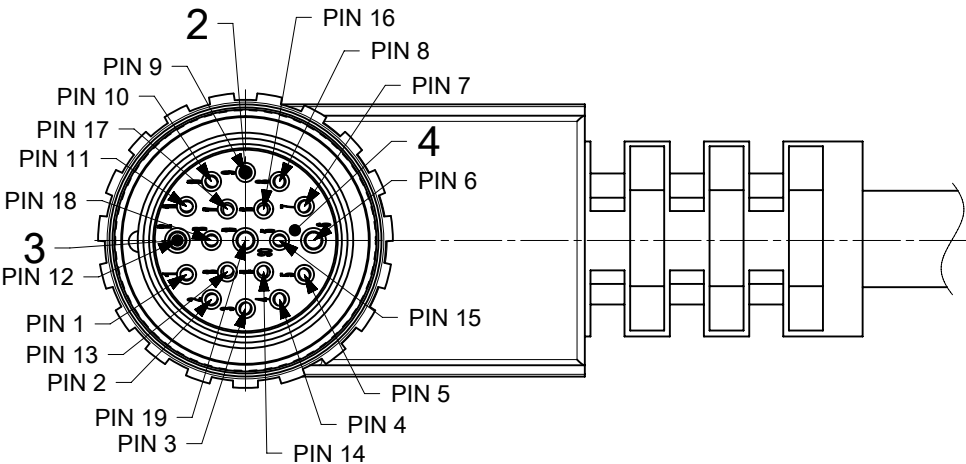
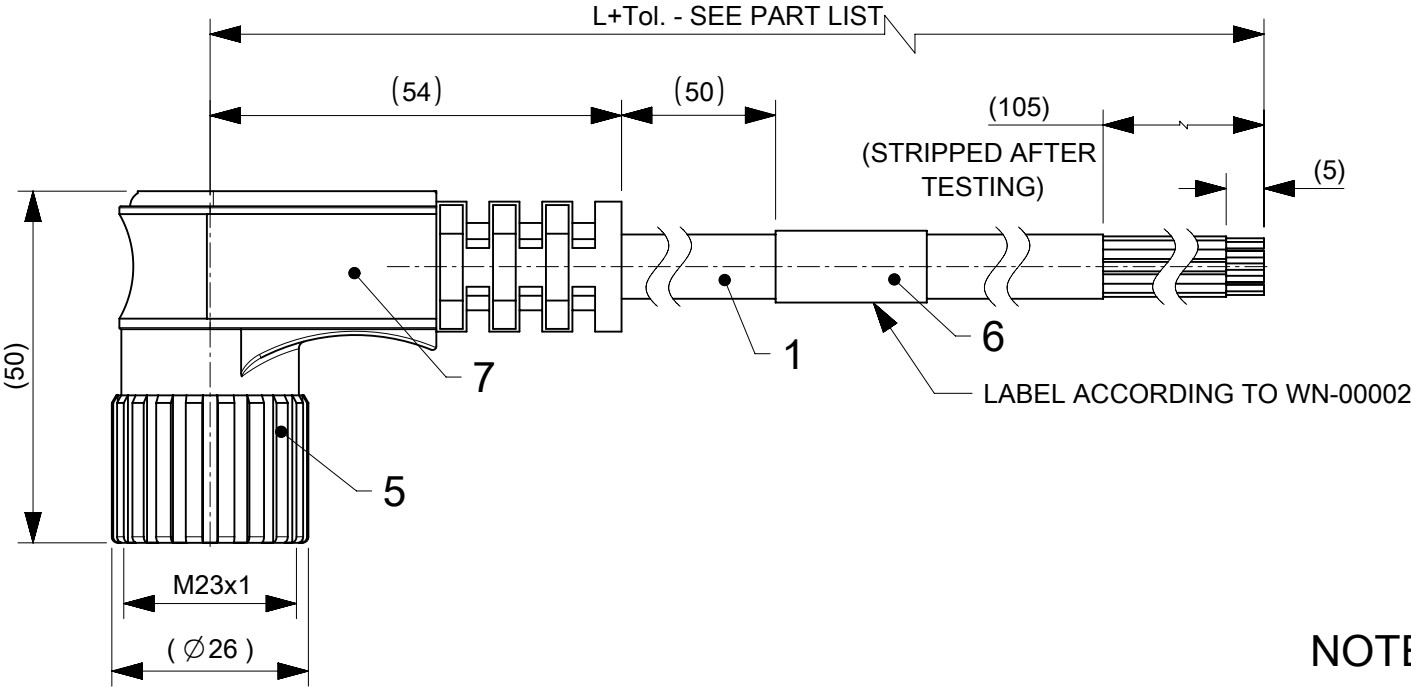
POLES:
3 = 19 POLES

HEAD STYLE:
201 = FEMALE
RIGHT ANGLE

CABLE TYPE:
P80 - PUR, BK
E80 - PVC, YE

UNIT:
M = METER

LENGTH:
EXAMPLE:
010 = 1 m
050 = 5 m
100 = 10 m



SCALE 3:2
VIEW FROM THE FRONT SIDE

NOTES:

VOLTAGE RATING : 100 V @ Pollution Degree 3
300 V @ Pollution Degree 2
AMPERAGE RATING : 6.0 A
PROTECTION CLASS : IP67
OPERATING TEMPERATURE : -25° TO 90°C

BOM

7	-	MOULDING	TPU	BLACK
6	1	LABEL	VINYL	YELLOW
5	1	COUPLING NUT M23 FE	BRASS	Ni PLATED
4	1	INSERT 19P FE	PUR	BLACK
3	3	CONTACT FE	BRASS	Au OVER Ni
2	16	CONTACT 10 FE	COPPER	Ni PLATED
1	SEE PART LIST	CABLE	SEE MATRIX	SEE MATRIX
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH

PART LIST

MOLEX PN	ENGINEERING No	L [mm]
1200948137	K03201E80M050	5000
1200948071	K03201E80M150	15000
1200948027	K03201P80M100	10000

DOCUMENT STATUS	P1	RELEASE DATE	2024/04/10	10:13:48
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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 ± 0.1

0 PLACES ± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513389

EC NO: 781755
DRWN: MADHAM5
CHK'D: GGA
APPR: GGA

2024/03/12
2024/04/10
2024/04/10

INITIAL REVISION:
DRWN: MDHARMANTI
APPR: RSILLER

2020/07/22
2020/07/28

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

moLEX

CSE M23 19P 15W FE RA XXX XM SE

PRODUCT CUSTOMER DRAWING

1200948071

PSD

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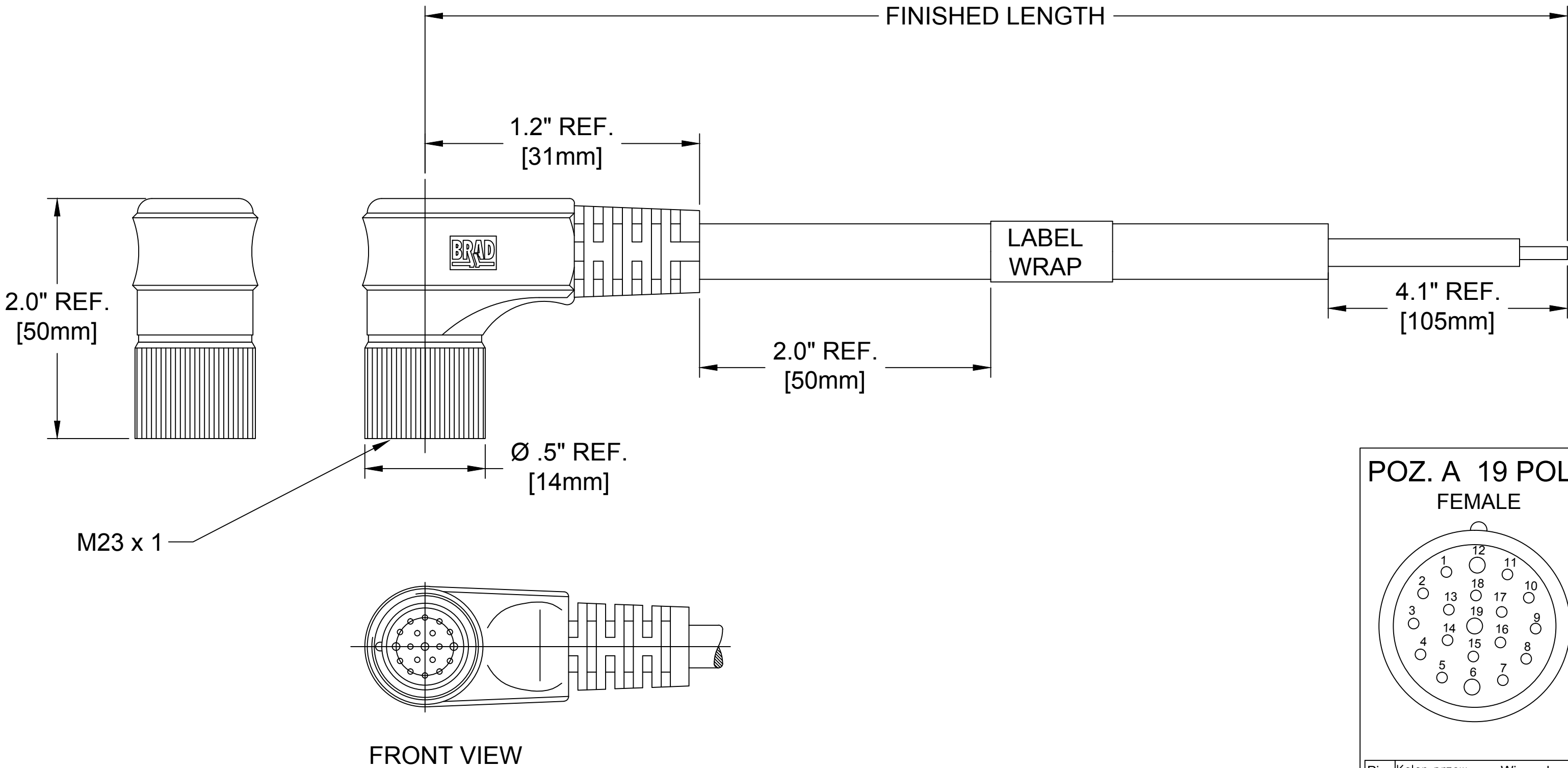
A1

SEE TABLE

GENERAL MARKET

1 OF 1

MATERIAL NUMBER	OLD PART NUMBER	FINISHED LENGTH
1200948027	K03201P80M100	10M +317.5mm -0 [32.8FT. +12.5IN -0]



K03201P80M100

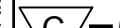
cable type
BLACK PUR

cable length
100----10 Meter

SPECIFICATION DATA

VOLTAGE RATING	63V AC/DC
AMPERAGE RATING	6 AMPS
PROTECTION CLASS	IP67
OPERATING TEMPERATURE	-25°C TO 90°C

COMPONENT	MATERIAL	FINISH
INSERT	PUR	BLACK
CONTACT	COPPER ALLOY	GOLD OVER NICKEL
COUPLING NUT	BRASS	NICKEL PLATED
OVERMOLD	TPU	BLACK
CABLE #18/3 AWG #22/4 AWG	PUR	BLACK

RELEASE EC NO: IPG2014-0577 DRWN: GGUSTAFS 2013/09/16 CHKD: BARDEN APPR: BWOODMAN2013/10/31	DESCRIPTION	QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		 =0		mm	INCH	DRAWN BY GGUSTAFS	DATE 2013/09/16	TITLE M23-19P-15W-FE-90 BLACK PUR ----			
		 =0	4 PLACES	±---	±---	CHECKED BY BARDEN	DATE 2013/11/25				
			3 PLACES	±---	±.005	APPROVED BY	DATE	molex MOLEX INCORPORATED			
			2 PLACES	±0.13	±.010	BWOODMAN	2013/10/31				
			1 PLACE	±0.25	±.020	MATERIAL NO. SEE CHART		SHEET NO. 1 OF 1			
	ANGULAR ±.5°			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
A	REV										