

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

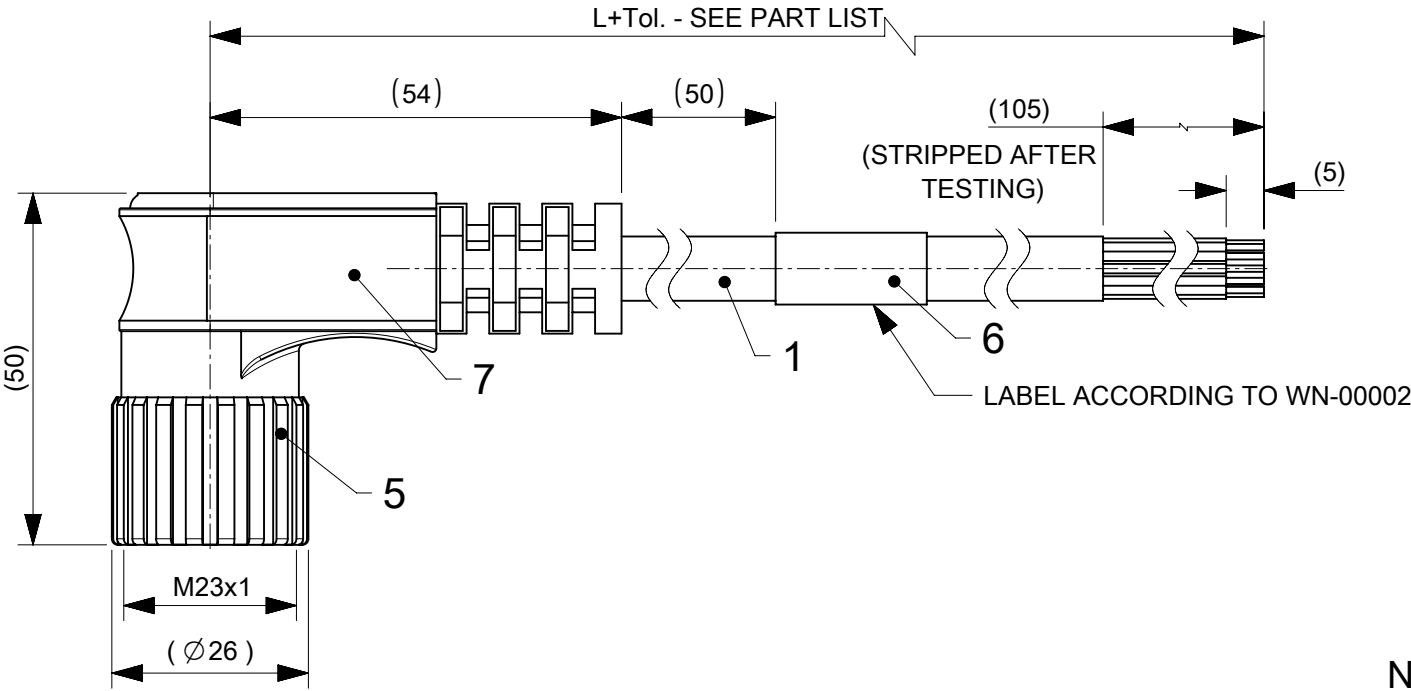
INSULATION A:
COMPOUND: PVC
DIAMETER: Ø2.0±0.10mm

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

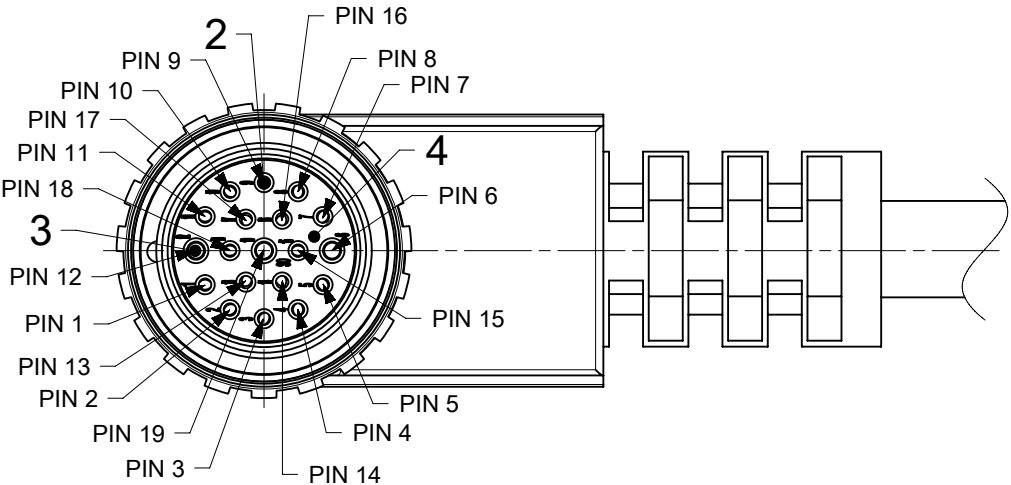
PART NO MATRIX

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	



WIRING DIAGRAM

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



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

PART LIST

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

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

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

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

DIMENSION UNITS	SCALE
mm	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#515183

EC NO: 826032
DRWN: SAMPRS
CHK'D: GGA
APPR: GGA

INITIAL REVISION:
DRWN: MDHARMANTI
APPR: RSILLER

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2025/06/03
2025/06/30
2025/06/30

2020/07/22
2020/07/28

A3-SIZE

120094

SEE TABLE

GENERAL MARKET

1 OF 1

molex

CSE M23 19P 15W FE RA XXX XM SE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200948071

DOC TYPE

PSD

DOC PART

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REVISION

A2