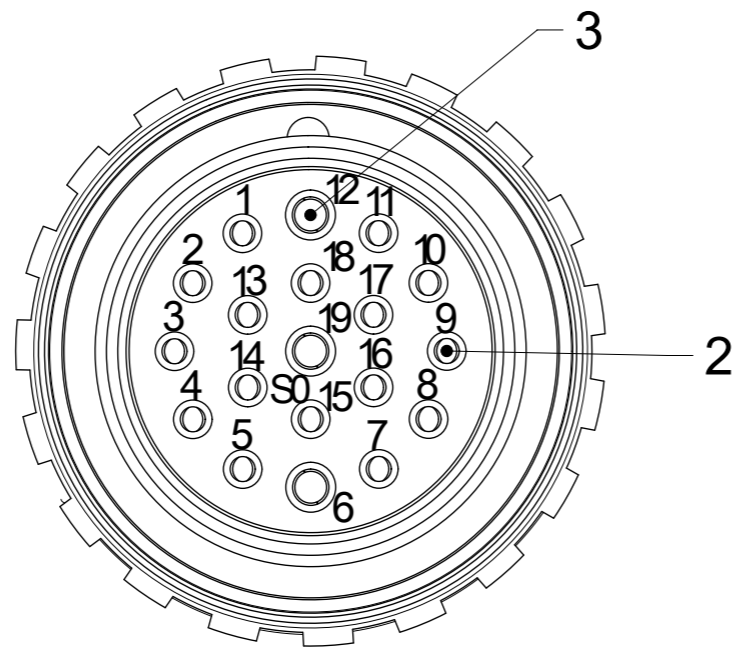


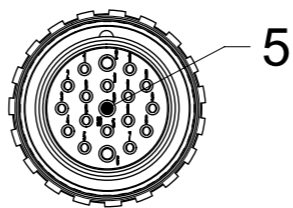
Wiring Diagram

1	N/C
2	N/C
3	Gray
4	Red/Blue
5	Green
6	Blue
7	Gray/Pink
8	White/Green
9	N/C
10	N/C
11	N/C
12	Green/Yellow
13	N/C
14	Brown/Green
15	White
16	Yellow
17	N/C
18	N/C
19	Brown

Connector Pin Assignment for M23 19 Pole Front Side View

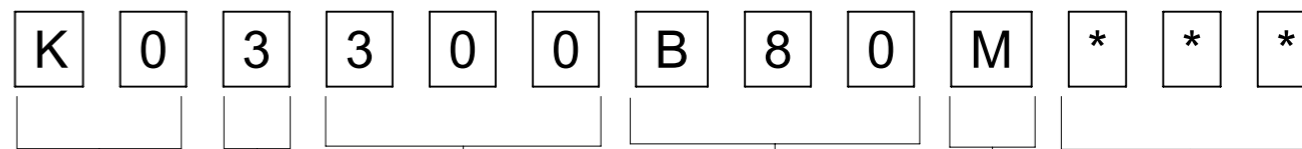


Scale : 3:1



View From The Front Side

PART NO MATRIX



K0 = M23x1 SINGLE ENDED

POLES:
3 = 19 POLES

CABLE TYPE:
B80= WSOR CABLE

UNIT:
M = METER

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

HEADER:
300 = 11 WAY FEMALE STRAIGHT

CABLE SPECIFICATION:

CONDUCTOR A:

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

INSULATION A:

COMPOUND: TPE
DIAMETER: 1.75±0.10mm

CONDUCTOR B:

MATERIAL: BARE COPPER
SECTION: 0.34mm²/22AWG
STRANDING: 42X0.10mm

INSULATION B:

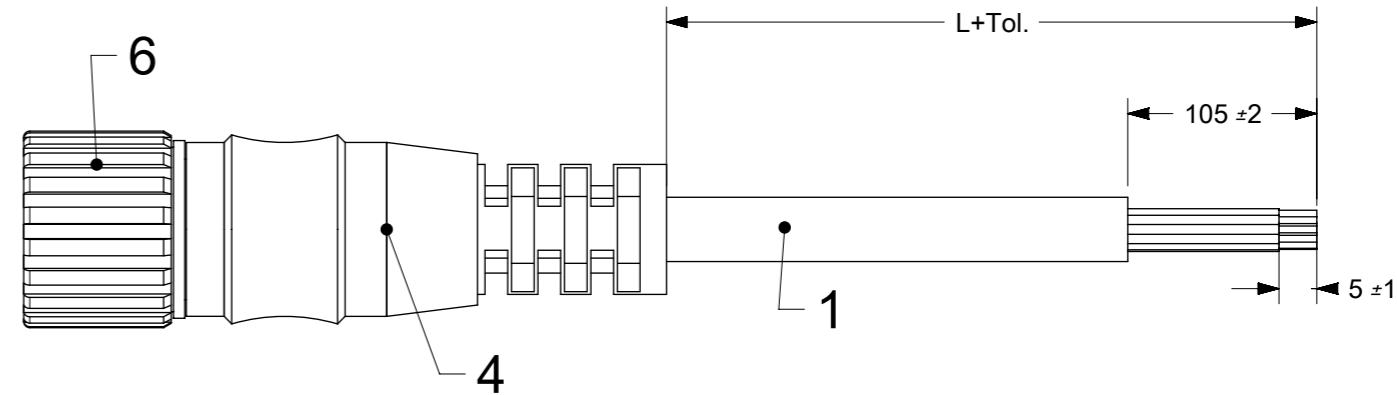
COMPOUND: TPE
DIAMETER: 1.30±0.10mm

JACKET:

COMPOUND: TPU
COLOR: BLACK
DIAMETER: 10.50±0.30mm

TEMPERATURE RATING: -40°C TO +90°C

VOLTAGE RATING: 600V



BILL OF MATERIALS

QTY	DESCRIPTION	MATERIAL	FINISH
6	1	M23 Female coupling nut	Brass Nickel Plated
5	1	M23 Female insert 19P	TPU Black
4	1	Overmould	TPU Black
3	3	Contacts	Brass Nickel Plated
2	16	Contacts	Bronze Nickel Plated
1	L	CABLE:3X19AWG+16X22AWG	TPU WSOR Black

Table 1

Molex P/N	Engineering P/N	Length L[mm]	Tol.[mm]
1200948168	K03300B80M050	5000	+60
1200948169	K03300B80M100	10000	+80
1200948170	K03300B80M150	15000	+140
1200948171	K03300B80M200	20000	+140
1200948172	K03300B80M250	25000	+160

QUALITY SYMBOLS FA = 0 FE = 0 FP = 0 ▼ = 0 C = 0 ⊗ = 0 ■ = 0 ∇ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	EC NO: 107291 DRWN: MMAJGAT CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2016/08/06 2016/08/08	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS: MM SCALE: 1:1 DRWN BY: MMAJGAT DATE: 2016/04/15 CHK'D BY: MIWASIECZKO DATE: 2016/08/02 APPR BY: MIWASIECZKO DATE: 2016/08/02 DRAWING SIZE: A3 THIRD ANGLE PROJECTION	
		PRODUCT CUSTOMER DRAWING SERIES: 120094 MATERIAL NUMBER: SEE TABLE 1 CUSTOMER:	DOCUMENT NUMBER: 1200948168 DOC TYPE: PSD DOC PART: 00P SHEET NUMBER: 1 OF 1			