

PART No MATRIX

K 0 3 0 0 6 P 8 0 # X X X X

K0 = M23x1
Single ended

Poles:
3 = 19 poles

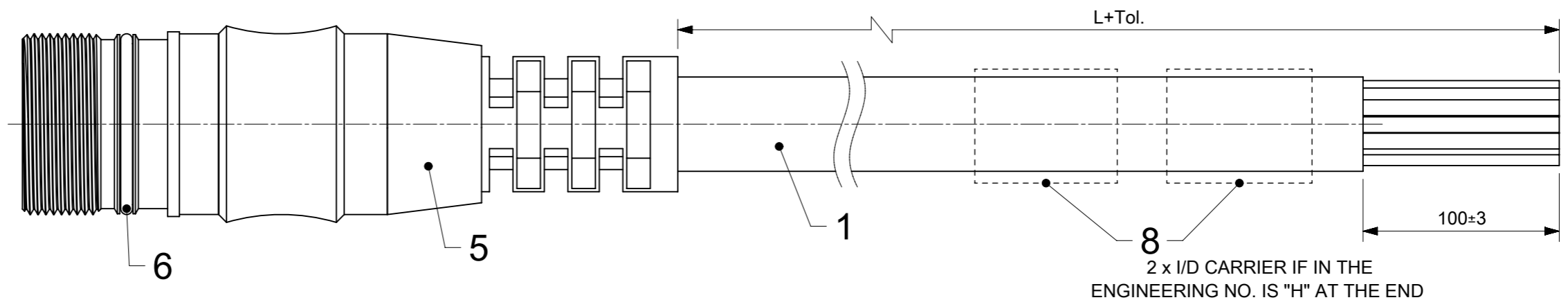
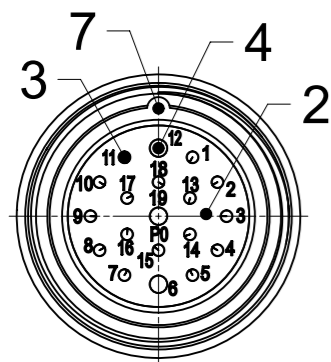
CONFIGURATION
006 = Male straight

Cable:
P80 = PUR 3X0.75+16X0.34 BLK

UNIT:
M=Meters

LENGHT EXAMPLES:
005=0.5m
010=1m
150=15m

H = 2x ID
CARRIER



PART LIST :

MOLEX PN	ENGINEERING NO.	L+Tol. (mm)
1200945029	K03006P80M005	500 +20/-10
1200945064	K03006P80M050	5000 ±30
1200948109	K03006P80M008	800 +20/-10
1200948184	K03006P80M500H	50000 +500
1200948185	K03006P80M300H	30000 +300

WIRING DIAGRAM

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

BILL OF MATERIAL

ITEM	QTY.	DESCRIPTION	MATERIAL	COLOR/FINISH
1	-	CABLE	PUR	BLACK
2	1	M23 19P MALE INSERT	PUR	-
3	16	CONTACT MALE PIN 0.34mm ²	COPPER	GOLD OVER NICKEL
4	3	CONTACT MALE PIN 0.75mm ²	BRASS	GOLD OVER NICKEL
5	-	OVERMOULD	TPU	BLACK
6	1	O-RING	NBR	-
7	1	GASKET	NBR	BLACK
8	2	I/D CARRIER	PVC	CLEAR

CABLE SPECIFICATION :

OUTER DIAMETER : $\varnothing 11.40 \pm .20$ mm
 OUTER JACKET MATERIAL : BLEND PUR
 TEMPERATURE RANGE (STATIC) : -40°C / +90°C
 TEMPERATURE RANGE (DYNAMIC) : -15°C / +90°C
 VOLTAGE RATING : 300V
 TEST VOLTAGE : 2500V

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

DIMENSION UNITS mm	SCALE 3:2	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884	 CSE M23 19P 0C MA STR PUR XM SE BK NI		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 662770			
ANGULAR TOL ± °	4 PLACES ±	DRWN: SUGEEB 2021/03/02	PRODUCT CUSTOMER DRAWING		
3 PLACES ±	2 PLACES ±	CHK'D: GGA 2021/06/02	DOCUMENT NUMBER		
1 PLACE ±	0 PLACES ±	APPR: GGA 2021/06/02	SD-120094-005		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION: DRWN: HWALCZAK 2012/04/12 APPR: MDYSZEWSKA 2012/05/24	DOC TYPE	DOC PART	REVISION
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	120094	SEE TABLE	GENERAL MARKET	1 OF 1