

# PART No MATRIX

K	0	3	0	0	6	P	8	0	#	X	X	X	X
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K0 = M23x1  
Single ended

Poles:  
3 = 19 poles

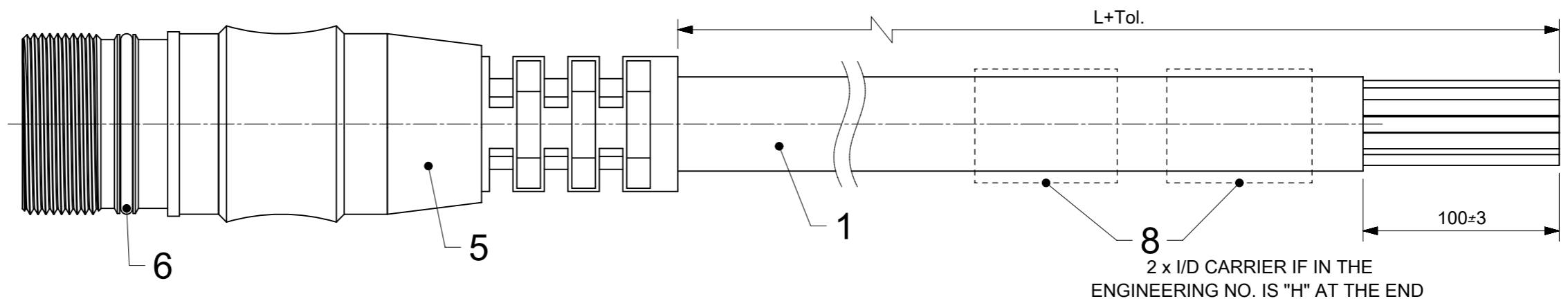
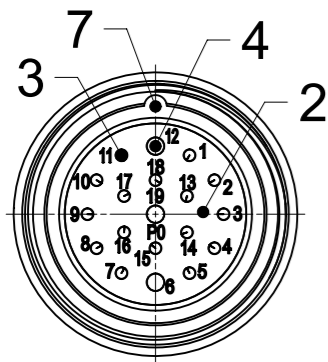
CONFIGURATION  
006 = Male straight

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
1200948086	K03006P80M150	15000 +150
1200948087	K03006P80M200	20000 +200
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 <sup>2</sup>	COPPER	GOLD OVER NICKEL
4	3	CONTACT MALE PIN 0.75mm <sup>2</sup>	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

SYMBOLS DIMENSION UNITS: mm SCALE: 3:2 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC: ADDED NEW PNS			
	EC NO: 618509 DRWN: MDHARMANTI 2019/03/20 CHK'D: RSILLER 2019/06/06 APPR: RSILLER 2019/06/06			
INITIAL REVISION: DRWN: HWALCZAK 2012/04/12 APPR: MDYSZEWSKA 2012/05/24		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-120094-005 DOC TYPE: PSD DOC PART: 001 REVISION: A2		SHEET NUMBER: 1 OF 1
THIRD ANGLE PROJECTION DRAWING: A3-SIZE SERIES: 120094		MATERIAL NUMBER: SEE PART LIST CUSTOMER: GENERAL MARKET		