

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

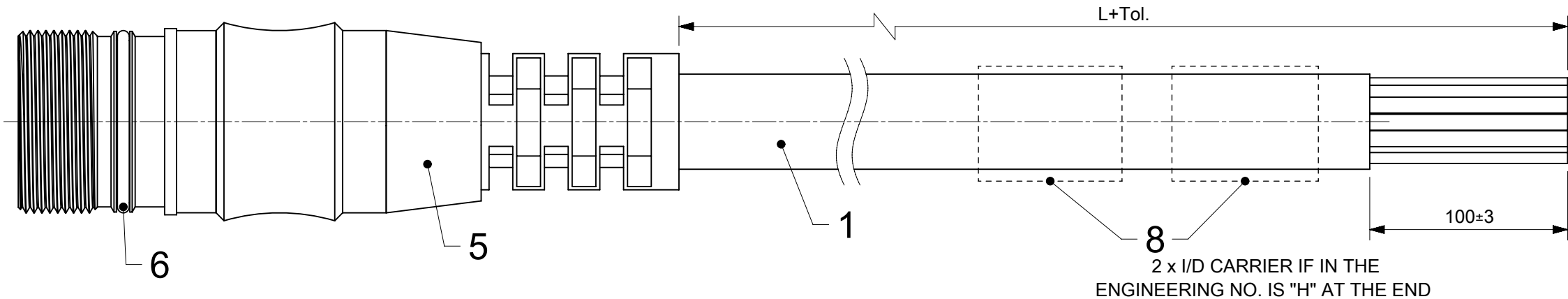
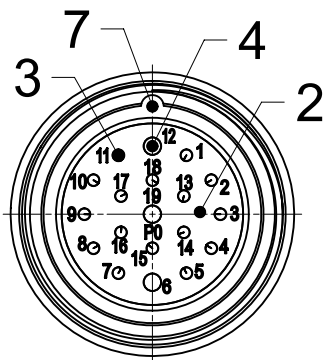
CONFIGURATION
006 = Male straight

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

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

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

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405				molex							
mm		3:2													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 784316 DRWN: VISHAH22024/04/19 CHK'D: GGA2024/05/13 APPR: GGA2024/05/13				CSE M23 19P 0C MA STR PUR XM SE BK NI							
ANGULAR TOL ± °								PRODUCT CUSTOMER DRAWING							
4 PLACES ±								DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
3 PLACES ±								SD-120094-005		PSD		001		A4	
2 PLACES ±															
1 PLACE ±				INITIAL REVISION: DRWN: HWALCZAK2012/04/12 APPR: MDYSZEWSKA2012/05/24											
0 PLACES ±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120094		SEE TABLE		GENERAL MARKET		1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2024/05/13	16:22:29
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