

PART No MATRIX

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

K0 = M23x1  
Single ended

Poles:  
3 = 19 poles

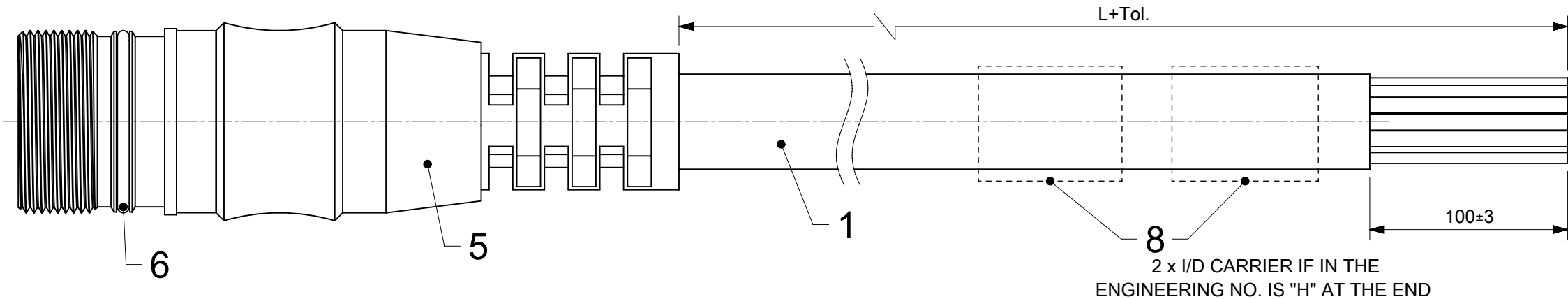
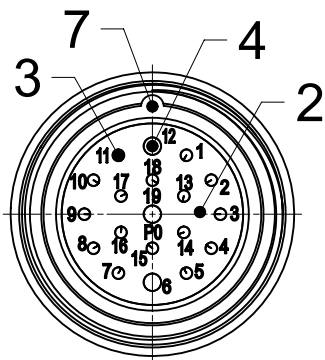
CONFIGURATION  
006 = Male straight

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    |

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

|                                                                                                                                               |  |       |  |                                                                   |  |                          |  |                  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|-------------------------------------------------------------------|--|--------------------------|--|------------------|--|
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| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#513405 |  |                          |  | <div>molex</div> |  |
| mm                                                                                                                                            |  | 3:2   |  |                                                                   |  |                          |  |                  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  | CSE M23 19P 0C MA STR<br>PUR XM SE BK NI                          |  |                          |  |                  |  |
| ANGULAR TOL    ±       °                                                                                                                      |  |       |  |                                                                   |  |                          |  |                  |  |
| 4 PLACES                                                                                                                                      |  | ±     |  | EC NO: 784316                                                     |  | PRODUCT CUSTOMER DRAWING |  |                  |  |
| 3 PLACES                                                                                                                                      |  | ±     |  | DRWN: VISHAH2                                                     |  |                          |  |                  |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
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