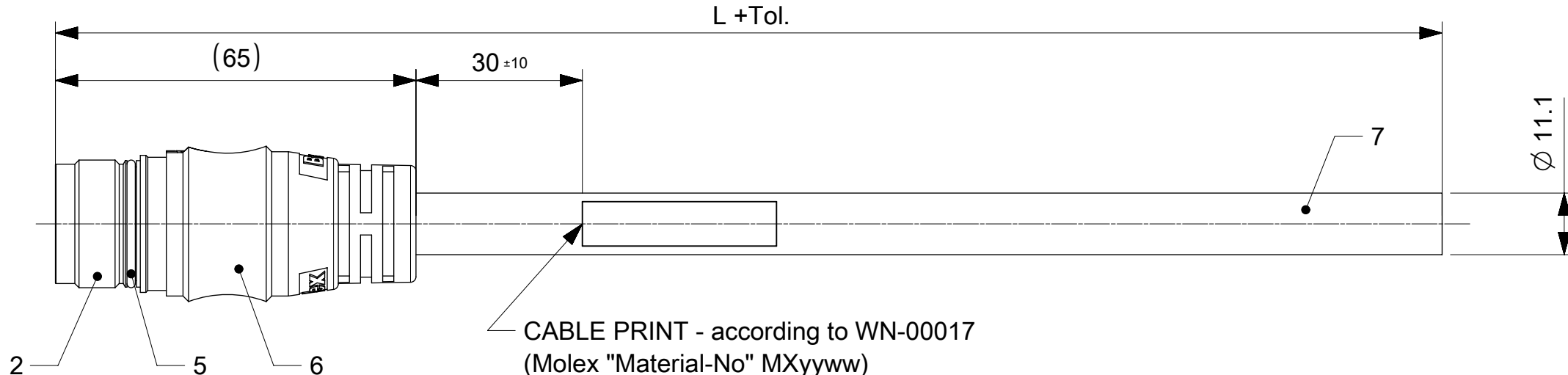




Number of positions	5 + PE
Number of contacts	6
Contact Ø [mm]	2
Nominal current [A]	18
Nominal voltage [V~]	600
Degree of pollution 3	
Test voltage [V~]	3000
Max. contact resistance [mΩ]	3
Insulation resistance [MΩ]	> 10 ¹³
Protection	IP 67 (connected)
Temperature range (fixed)	-40°C to 90°C
Temperature range (flex)	-25°C to 80°C

Connector pin assignment

Plug M23 5+PE MA

1

2

3

4

5

PE

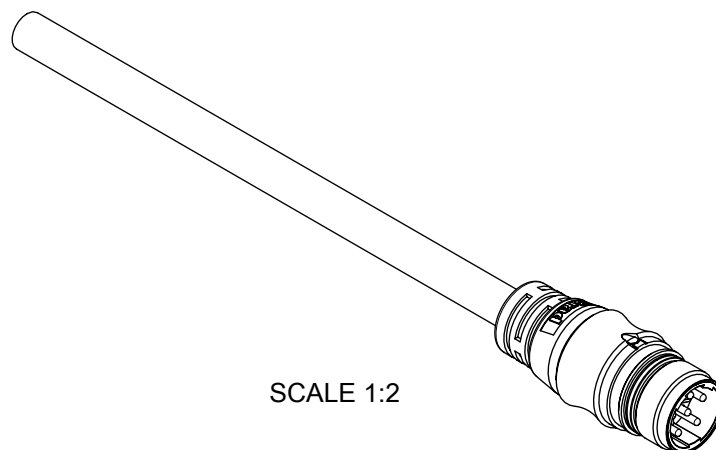
Wiring Diagram
Connection: IN-LINE

1 L1 BK
2 L2 BK
3-GND GN-YE
4 L3 BK
5 WH
6 BK

SHLD

POS	QTY	DESCRIPTION	MATERIAL	FINISH
1	1	INSERT M23 MA	PA	BLACK
2	1	SHELL M23 MA	BRASS	NICKEL PLATED
3	5	CONTACT 20 MA	COPPER ALLOY	GOLD OVER NICKEL
4	1	GROUNDING 20 MA	COPPER ALLOY	GOLD OVER NICKEL
5	1	GASKET OR	NBR	BLACK
6	1	OVERMOLD	TPU	BLACK
7	1	CABLE	WSOR	ORANGE

MOLEX P/N	ENGINEERING No.	L [mm]	Tol.[mm]
1204800810	K0P6S06W01M005	500	+40
1204800532	K0P6S06W01M010	1000	+40
1204800533	K0P6S06W01M020	2000	+60
1204800534	K0P6S06W01M030	3000	+60
1204800535	K0P6S06W01M040	4000	+60
1204800536	K0P6S06W01M050	5000	+60
1204800537	K0P6S06W01M100	10000	+80
1204800538	K0P6S06W01M150	15000	+140
1204800539	K0P6S06W01M200	20000	+140



FUNCTIONAL SYMBOLS	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:			molex		
	mm	1:1						
	GENERAL TOLERANCES (UNLESS SPECIFIED)							
	ANGULAR TOL ± 1.0 °					CSE M23 6P PC MA STR WSOR XM SHLD		
	4 PLACES ±							
	3 PLACES ± 0.0							
	2 PLACES ± 0.05					PRODUCT CUSTOMER DRAWING		
1 PLACE ± 0.3		DOCUMENT NUMBER						
0 PLACES ± 0.5		DOC TYPE						
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				A3-SIZE	120480	see table 1	GENERAL MARKET	1 OF 1