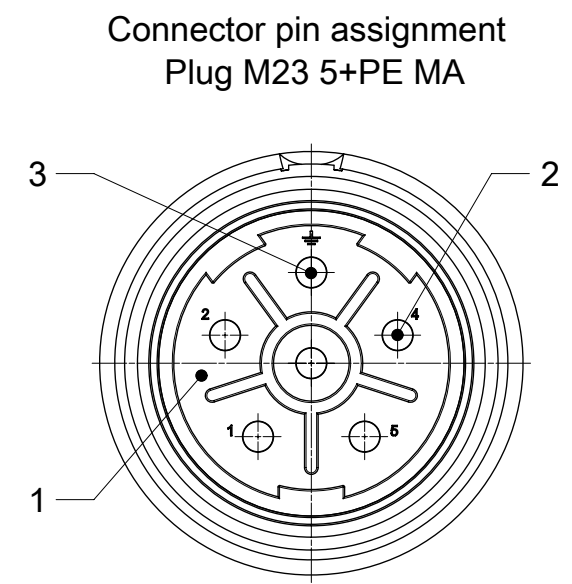


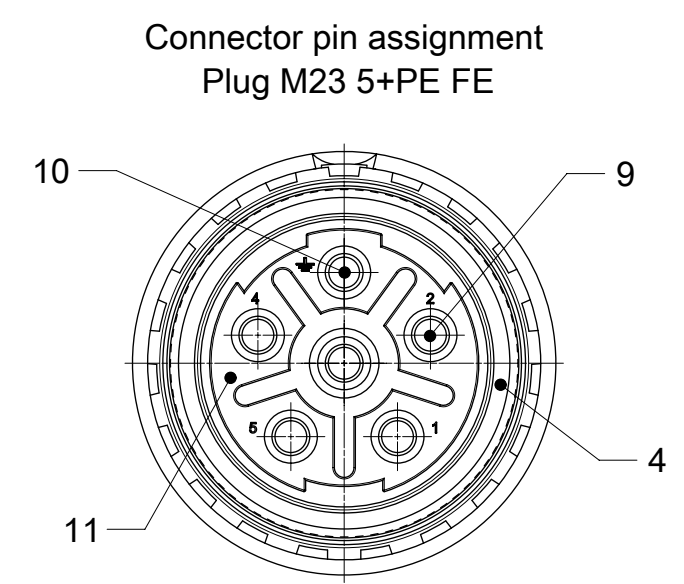
Technical Data:

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

Packaging:
The cordsets delivered packed into carton without PE-bag.



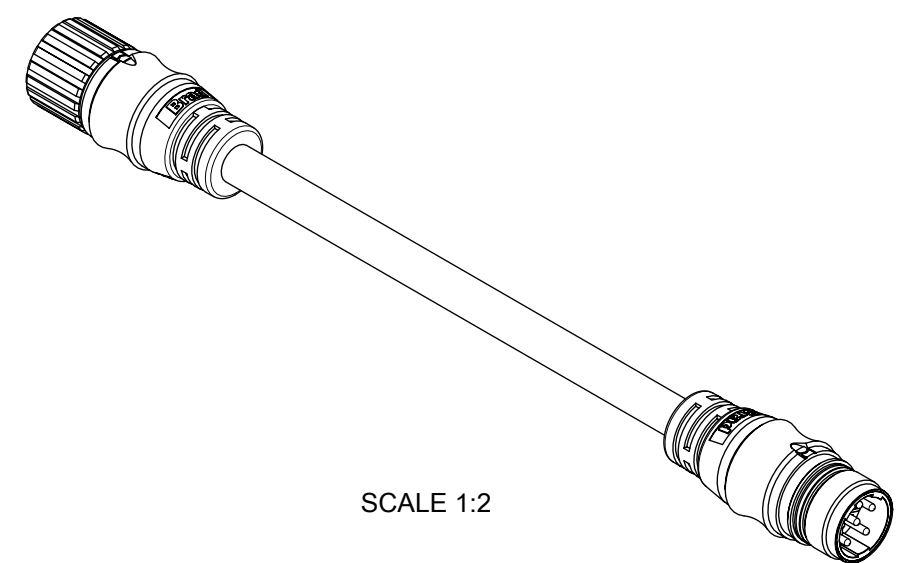
SCALE 2:1



SCALE 2:1

TABLE 1

MOLEX P/N	ENGINEERING No.	L [mm]	Tol.[mm]
1204800620	KKP6S30W01M010	1000	+40
1204800621	KKP6S30W01M020	2000	+60
1204800622	KKP6S30W01M030	3000	+60
1204800623	KKP6S30W01M040	4000	+60
1204800624	KKP6S30W01M050	5000	+60
1204800625	KKP6S30W01M100	10000	+80
1204800626	KKP6S30W01M150	15000	+140
1204800627	KKP6S30W01M200	20000	+140



SCALE 1:2

SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	DIMENSION UNITS mm	SCALE 1:1
	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	ANGULAR TOL ± 1.0 °	
	4 PLACES ±	
3 PLACES ± 0.0		
2 PLACES ± 0.05		
1 PLACE ± 0.3		
0 PLACES ± 0.5		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
THIRD ANGLE PROJECTION		
DRAWING A3-SIZE		
SERIES 120480		
MATERIAL NUMBER SEE TABLE 1		
CUSTOMER GENERAL MARKET		
SHEET NUMBER 1 OF 2		

CURRENT REV DESC:	
EC NO: 720467	
DRWN: APAWLAK01	2022/09/05
CHK'D: RSILLER	2022/09/08
APPR: RSILLER	2022/09/08
INITIAL REVISION:	
DRWN: MSCHERER	2016/11/23
APPR: RSILLER	2016/11/24

molex	
CSE M23 6P PC MA STR WSOR FE XM SHLD	
PRODUCT CUSTOMER DRAWING	
DOCUMENT NUMBER 1204800620	DOC TYPE PSD
DOC PART 000	REVISION B

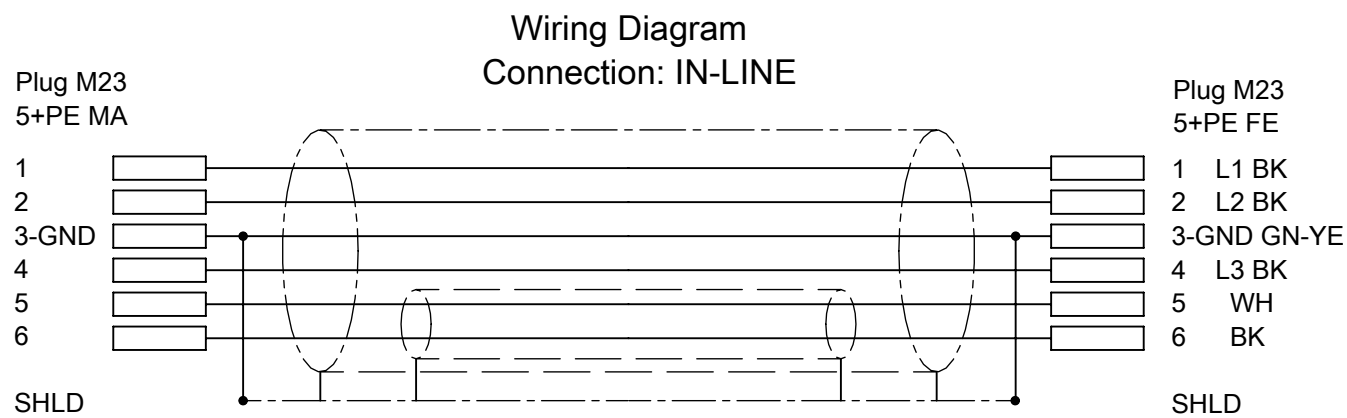


TABLE 2

POS	QTY	DESCRIPTION	MATERIAL	FINISH / COLOR
1	1	INSERT M23 MA	PA	BLACK
2	5	CONTACT 20 MA	COPPER ALLOY	GOLD OVER NICKEL
3	1	GROUNDING 20 MA	COPPER ALLOY	GOLD OVER NICKEL
4	2	GASKET OR	NBR	BLACK
5	1	SHELL M23 MA	BRASS	NICKEL PLATED
6	2	OVERMOLD	TPU	BLACK
7	1	CABLE	WSOR	ORANGE
8	1	NUT M23 FE	BRASS	NICKEL PLATED
9	5	CONTACT 20 FE	COPPER ALLOY	GOLD OVER NICKEL
10	1	GROUNDING 20 FE	COPPER ALLOY	GOLD OVER NICKEL
11	1	INSERT M23 FE	PA	BLACK
12	1	SHELL M23 FE	BRASS	NICKEL PLATED

FUNCTIONAL SYMBOLS <

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/08	06:10:19
-----------------	----	--------------	------------	----------