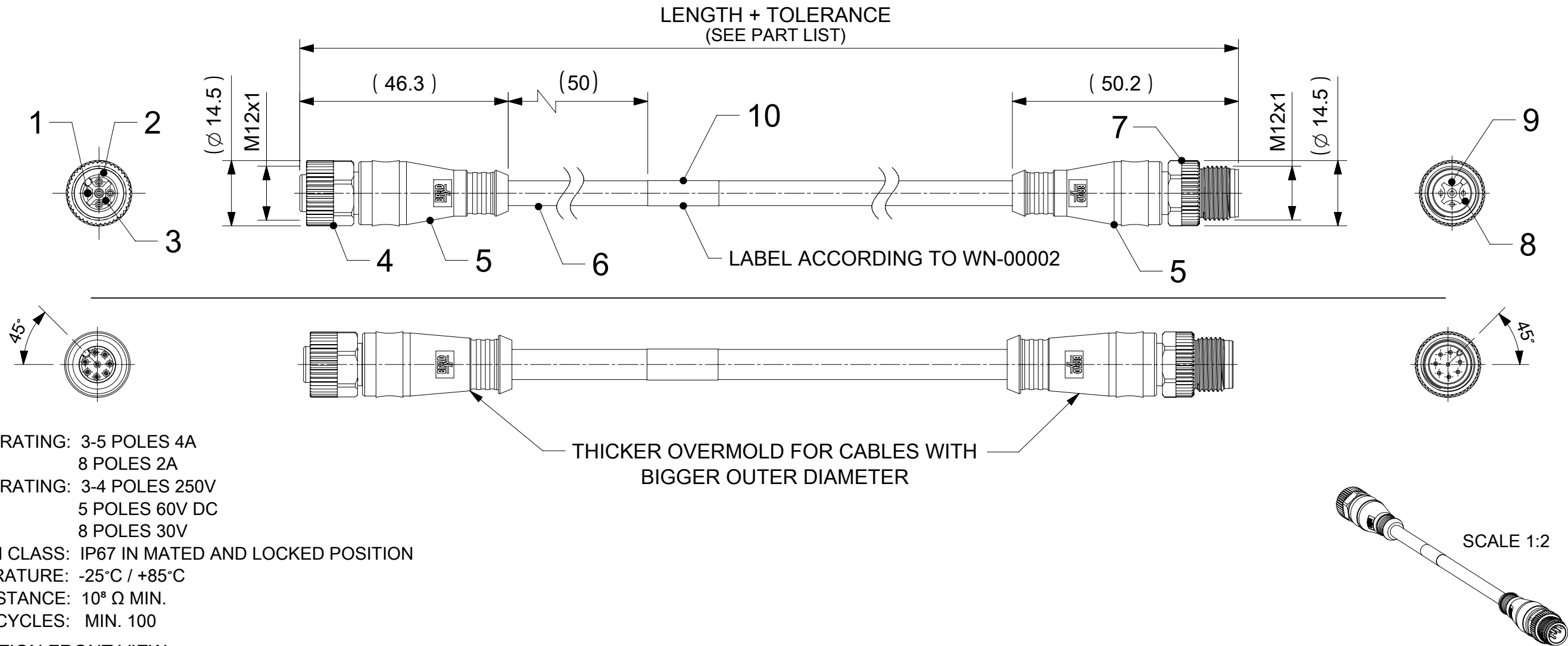


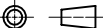
FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT

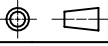


CABLE	3 POLES		4 POLES		5 POLES		5 POLES		8 POLES	
	B30, B55		B30, B33, B36, B55		B30, B33, B36, B55		B42		B41, B49	
FEMALE										
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN	1	BROWN	1	WHITE
	2	---	2	WHITE	2	WHITE	2	WHITE	2	BROWN
	3	BLUE	3	BLUE	3	BLUE	3	BLUE	3	GREEN
	4	BLACK	4	BLACK	4	BLACK	4	BLACK	4	YELLOW
	5	---	5	---	5	GREY	5	GREEN/ YELLOW	5	GREY
CODING REQUIRED TO IEC 61076-2-101										

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

10	1	LABEL OR PRINTING	VINYL / ---	---
9	3 / 4 / 5	CONTACT M12 MALE	COPPER	SELECTIVE GOLD OVER NICKEL
8	8		BRASS	SELECTIVE GOLD OVER NICKEL
7	1	INSERT MALE BLACK	TPU	---
6	1	COUPLING NUT MALE	SEE SHEET 2	SEE SHEET 2
5	-	CABLE	SEE SHEET 2	---
4	-	OVERMOULDING	TPU	SEE SHEET 2
3	1	COUPLING NUT FEMALE	SEE SHEET 2	SEE SHEET 2
2	1	INSERT FEMALE BLACK	PUR	---
1	3 / 4 / 5	CONTACT M12 FEMALE	BRONZE	SELECTIVE GOLD OVER NICKEL
	8		BRASS	SELECTIVE GOLD OVER NICKEL
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		molex							
mm		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)		CURRENT REV DESC: CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END". ADDED B49 CABLE P/N'S & NOTES. SORTED PART LIST USING CABLE TYPES ON SHEET 3&4.									
ANGULAR TOL ± 1.0 °		CSE M12 XP AC FE STR WSOR MA STR XM DE									
4 PLACES ±		EC NO: 789428									
3 PLACES ±		DRWN: AKABADI 2023/03/08									
2 PLACES ± 0.05		CHK'D: RSILLER 2024/07/02									
1 PLACE ± 0.3		APPR: RSILLER 2024/07/02									
0 PLACES ± 0.5		PRODUCT CUSTOMER DRAWING									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION:						DOCUMENT NUMBER		DOC TYPE	
		DRWN: JMARSZALEK 2016/07/22		1200668993		PSD		000		B	
		APPR: RSILLER 2016/08/29									
		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				A3-SIZE		120066		SEE SHEET 3 & 4		GENERAL MARKET	
										SHEET NUMBER	
										1 OF 4	

10	9	8	7	6	5	4	3	2	1				
PART LIST													
MOLEX PNENGINEERING NoL [mm]			MOLEX PNENGINEERING NoL [mm]			MOLEX PNENGINEERING NoL [mm]			MOLEX PNENGINEERING NoL [mm]				
3P CABLE B30			5P CABLE B30			5P CABLE B33			4P CABLE B36				
1200668889	883030B30M006	600	1200659666	885030B30M005	500	1200669257	885030B33M005	500	1200669563	884030B36M0707Y	7000		
1200668890	883030B30M010	1000	1200656067	885030B30M005H	500	1200669901	885030B33M005A	500	1200669026	884030B36M0807Y	8000		
1200668891	883030B30M020	2000	1200668991	885030B30M006	600	1200669258	885030B33M010	1000	1200669533	884030B36M1007H	10000		
1200668892	883030B30M030	3000	1200668992	885030B30M010	1000	1200669656	885030B33M010A	1000	1200668860	884030B36M1007Y	10000		
1200668893	883030B30M050	5000	1200669242	885030B30M0107	1000	1200669247	885030B33M020	2000	1200669027	884030B36M1207Y	12000		
1200668894	883030B30M100	10000	1200669145	885030B30M015	1500	1200669657	885030B33M020A	2000	1200669028	884030B36M1507Y	15000		
1200669718	883030B30M150	15000	1200668993	885030B30M020	2000	1200669253	885030B33M030	3000	1200669029	884030B36M2007Y	20000		
1200669719	883030B30M200	20000	1200659667	885030B30M025	2500	1200669658	885030B33M030A	3000	1200669030	884030B36M2507Y	25000		
1200669720	883030B30M250	25000	1200668994	885030B30M030	3000	1200669254	885030B33M050	5000	1200669031	884030B36M3007Y	30000		
4P CABLE B30			1200669482			1200669659			5P CABLE B36				
1200669157	884030B30M002	200	1200669482	885030B30M040	4000	1200669248	885030B33M100	10000	1200669542	885030B36M0057H	500		
1200669923	884030B30M003	300	1200668995	885030B30M050	5000	1200669660	885030B33M100A	10000	1200669032	885030B36M0057Y	500		
1200669480	884030B30M005	500	1200669484	885030B30M060	6000	1200669661	885030B33M150A	15000	1200669543	885030B36M0107H	1000		
1200668817	884030B30M006	600	1200669485	885030B30M080	8000	1200669249	885030B33M200	20000	1200669033	885030B36M0107Y	1000		
1200668818	884030B30M010	1000	1200668996	885030B30M100	10000	1200669662	885030B33M200A	20000	1200669544	885030B36M0157H	1500		
1200665456	884030B30M010R	1000	1200669486	885030B30M150	15000	1200669255	885030B33M300	30000	1200669545	885030B36M0207H	2000		
1200669521	884030B30M015	1500	1200669487	885030B30M180	18000	1200669902	885030B33M300A	30000	1200669034	885030B36M0207Y	2000		
1200668819	884030B30M020	2000	1200669488	885030B30M200	20000	1200669903	885030B33M400A	40000	1200669546	885030B36M0307H	3000		
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1200669144	884030B30M025	2500	1200669483	885030B30M300	30000	4P CABLE B36			1200669036	885030B36M0407Y	4000		
1200668820	884030B30M030	3000	1200669876	884030B33M003A	300	1200669524	884030B36M0057H	500	1200669547	885030B36M0507H	5000		
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1200669158	884030B30M030R	3000	1200669575	884030B33M005A	500	1200669562	884030B36M0067Y	600	1200669038	885030B36M0607Y	6000		
1200669181	884030B30M040	4000	1200669223	884030B33M010	1000	1200669530	884030B36M0107H	1000	1200669039	885030B36M0807Y	8000		
1200665459	884030B30M040R	4000	1200669576	884030B33M010A	1000	1200669020	884030B36M0107Y	1000	1200669548	885030B36M1007H	10000		
1200668821	884030B30M050	5000	1200669714	884030B33M015A	1500	1200669531	884030B36M0157H	1500	1200669040	885030B36M1007Y	10000		
1200665460	884030B30M050R	5000	1200669224	884030B33M020	2000	1200669021	884030B36M0157Y	1500	1200669041	885030B36M1207Y	12000		
1200669182	884030B30M060	6000	1200669577	884030B33M020A	2000	1200669525	884030B36M0207H	2000	1200669042	885030B36M1507Y	15000		
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1200668822	884030B30M100	10000	1200669280	884030B33M040	4000	1200669023	884030B36M0307Y	3000	1200669045	885030B36M2507Y	25000		
1200669504	884030B30M120	12000	1200669715	884030B33M040A	4000	1200669024	884030B36M0407Y	4000	1200669046	885030B36M3007Y	30000		
1200669505	884030B30M140	14000	1200669226	884030B33M050	5000	1200669532	884030B36M0507H	5000	1200669140	885030B36M8507Y	85000		
1200668913	884030B30M150	15000	1200669579	884030B33M050A	5000	1200668859	884030B36M0507Y	5000					
1200669506	884030B30M160	16000	1200669716	884030B33M070A	7000	1200669025	884030B36M0607Y	6000					
1200668914	884030B30M200	20000	1200669251	884030B33M100	10000								
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1200668916	884030B30M300	30000	1200669619	884030B33M150A	15000								
1200669513	884030B30M400	40000	1200669252	884030B33M200	20000								
1200669512	884030B30M550	55000	1200669620	884030B33M200A	20000								
			1200669877	884030B33M250A	25000								
			1200669256	884030B33M300	30000								
			1200669874	884030B33M300A	30000								
			1200669875	884030B33M700A	70000								
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DIMENSION UNITS		SCALE		CURRENT REV DESC: CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END". ADDED B49 CABLE P/N'S & NOTES. SORTED PART LIST USING CABLE TYPES ON SHEET 3&4.				molex					
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 789428 DRWN: AKABADI 2023/03/08 CHK'D: RSILLER 2024/07/02 APPR: RSILLER 2024/07/02 INITIAL REVISION: DRWN: JMARSZALEK 2016/07/22 APPR: RSILLER 2016/08/29				CSE M12 XP AC FE STR WSOR MA STR XM DE					
ANGULAR TOL ± 1.0 °													
4 PLACES ±													
3 PLACES ±													
2 PLACES ± 0.05													
1 PLACE ± 0.3				DOCUMENT NUMBER				PRODUCT CUSTOMER DRAWING					
0 PLACES ± 0.5								1200668993					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
						A3-SIZE		120066		SEE SHEET 3 & 4		GENERAL MARKET	
DOCUMENT STATUS		P1		RELEASE DATE		2024/07/02		09:17:54					
10		9		8		7		6		5		4	
3		2		1									

