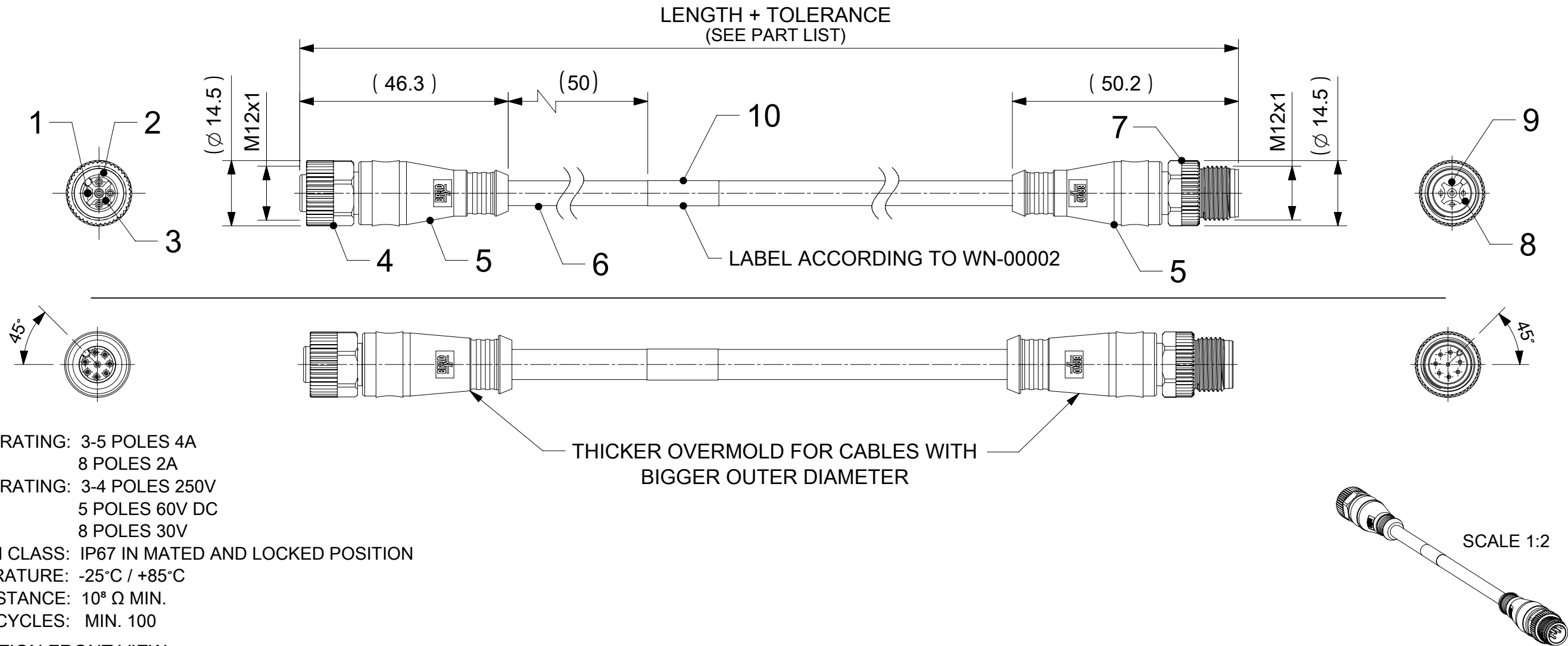


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT



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
							5		6	PINK
									7	BLUE
									8	RED

CODING REQUIRED TO IEC 61076-2-101

DOCUMENT STATUS | P1 | RELEASE DATE | 2024/07/02 | 09:17:54

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

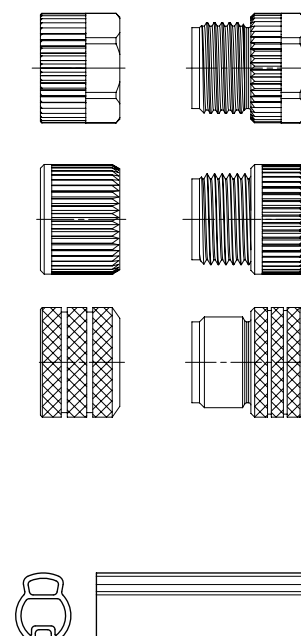
10	1	LABEL OR PRINTING	VINYL / ---	---
9	3 / 4 / 5	CONTACT M12 MALE	COPPER	SELECTIVE GOLD OVER NICKEL
	8		BRASS	SELECTIVE GOLD OVER NICKEL
8	1	INSERT MALE BLACK	TPU	---
7	1	COUPLING NUT MALE	SEE SHEET 2	SEE SHEET 2
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING	TPU	SEE SHEET 2
4	1	COUPLING NUT FEMALE	SEE SHEET 2	SEE SHEET 2
3	1	INSERT FEMALE BLACK	PUR	---
2	1	O-RING RED	FPM	---
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	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.	
mm		1:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)				
ANGULAR TOL		± 1.0 °		
4 PLACES		±		
3 PLACES		±		
2 PLACES		± 0.05		
1 PLACE		± 0.3		
0 PLACES		± 0.5		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			A3-SIZE	120066
		EC NO: 789428	DRWN: AKABADI	2023/03/08
		CHK'D: RSILLER	APPR: RSILLER	2024/07/02
		INITIAL REVISION:	DRWN: JMARSZALEK	2016/07/22
			APPR: RSILLER	2016/08/29
		DOCUMENT NUMBER	1200668993	
		DOC TYPE	DOC PART	REVISION
		PSD	000	B
		MATERIAL NUMBER	SEE SHEET 3 & 4	
		CUSTOMER	GENERAL MARKET	
		SHEET NUMBER	1 OF 4	

A

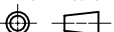
F

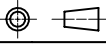


C

C

A

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		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. 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				molex							
GENERAL TOLERANCES (UNLESS SPECIFIED)										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		PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVIS					
0 PLACES ± 0.5						1200668993		PSD	000	B					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 120066		MATERIAL NUMBER SEE SHEET 3 & 4		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 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	1200669037	885030B36M0507Y	5000	
1200665458	884030B30M030R	3000	1200669250	884030B33M005	500	1200669019	884030B36M0057Y	500	1200669038	885030B36M0607Y	6000	
1200669158	884030B30M030R	3000	1200669575	884030B33M005A	500	1200669562	884030B36M0067Y	600	1200669039	885030B36M0807Y	8000	
1200669181	884030B30M040	4000	1200669223	884030B33M010	1000	1200669530	884030B36M0107H	1000	1200669548	885030B36M1007H	10000	
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			1200669877	884030B33M250A	25000							
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			1200669874	884030B33M300A	30000							
			1200669875	884030B33M700A	70000							
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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				
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
						A3-SIZE	120066	1200668993		PSD	000	B
								SEE SHEET 3 & 4		GENERAL MARKET		3 OF 4
DOCUMENT STATUS P1 RELEASE DATE 2024/07/02 09:17:54												
10	9	8	7	6	5	4	3	2	1			

