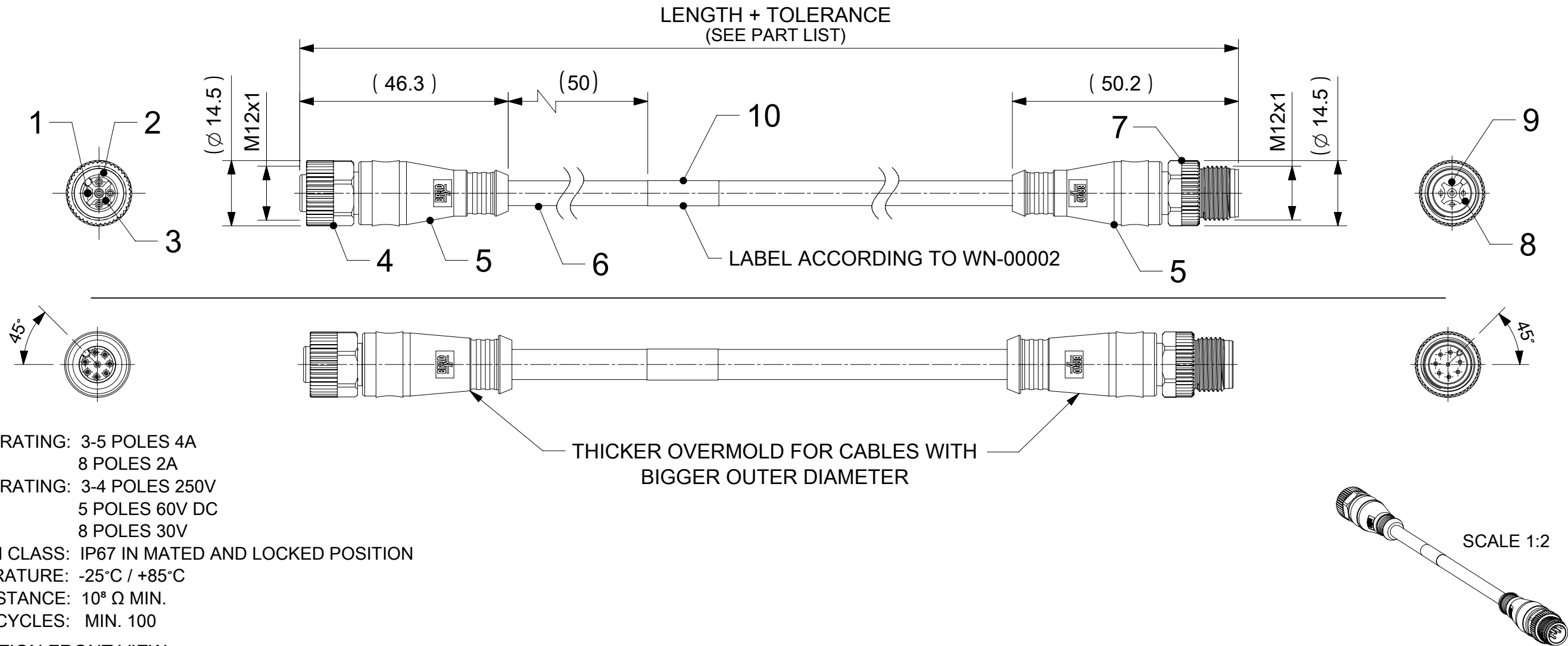


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT



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										
MALE										
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

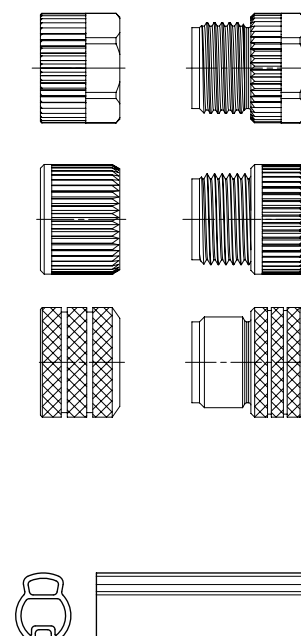
10	1	LABEL OR PRINTING	VINYL / ---	---
9	3 / 4 / 5	CONTACT M12 MALE	COPPER	SELECTIVE GOLD OVER NICKEL
	8		BRASS	SELECTIVE GOLD OVER NICKEL
8	1	INSERT MALE BLACK	TPU	---
7	1	COUPLING NUT MALE	SEE SHEET 2	SEE SHEET 2
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING	TPU	SEE SHEET 2
4	1	COUPLING NUT FEMALE	SEE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

A

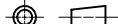
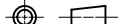
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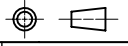


C

C

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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.				molex							
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 1.0 °															
4 PLACES ±								CSE M12 XP AC FE STR WSOR MA STR XM DE							
3 PLACES ±															
2 PLACES ± 0.05				PRODUCT CUSTOMER DRAWING											
1 PLACE ± 0.3															
0 PLACES ± 0.5				DOCUMENT NUMBER				DOC TYPE		DOC PART	REVISION				
DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 120066		1200668993			PSD	000	B
										1200668993			PSD	000	B
										1200668993			PSD	000	B
DRAWING 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				
F	PART LIST										F			
E	MOLEX PN	ENGINEERING No	L [mm]	MOLEX PN	ENGINEERING No	L [mm]								
	8P CABLE B41			4P CABLE B55										
	1200668895	888030B41M006	600	1200669734	884030B55M005Y	500								
	1200668896	888030B41M010	1000	1200669618	884030B55M010Y	1000								
	1200665461	888030B41M010R	1000	1200669263	884030B55M020Y	2000								
	1200668897	888030B41M020	2000	1200669264	884030B55M030Y	3000								
	1200665462	888030B41M020R	2000	1200669265	884030B55M040Y	4000								
	1200668898	888030B41M030	3000	1200669266	884030B55M050Y	5000								
	1200665463	888030B41M030R	3000	1200669267	884030B55M060Y	6000								
	1200665464	888030B41M040R	4000	1200669418	884030B55M070Y	7000								
D	1200668899	888030B41M050	5000	1200657251	884030B55M080Y	8000								
	1200665465	888030B41M050R	5000	1200657252	884030B55M090Y	9000								
	1200669177	888030B41M090	9000	1200669268	884030B55M100Y	10000								
	1200668900	888030B41M100	10000	1200669269	884030B55M120Y	12000								
	1200669567	888030B41M150	15000	1200669270	884030B55M150Y	15000								
	1200669568	888030B41M200	20000	1200657253	884030B55M160Y	16000								
	5P CABLE B42			1200669271	884030B55M200Y	20000								
	1200668823	885030B42M006	600	1200669742	884030B55M250Y	25000								
	1200668824	885030B42M010	1000	1200669743	884030B55M300Y	30000								
	1200668825	885030B42M020	2000	5P CABLE B55										
C	1200668826	885030B42M030	3000	1200669663	885030B55M010Y	1000								
	1200668827	885030B42M050	5000	1200669664	885030B55M020Y	2000								
	1200668828	885030B42M100	10000	1200669665	885030B55M030Y	3000								
	1200659548	885030B42M150	15000	1200669666	885030B55M050Y	5000								
	1200659549	885030B42M200	20000	1200669667	885030B55M100Y	10000								
	8P CABLE B49			1200669668	885030B55M150Y	15000								
	1200669112	888030B49M038Y	3800	1200669669	885030B55M200Y	20000								
											A			
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mm		1:1						CSE M12 XP AC FE STR WSOR MA STR XM DE						
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0 PLACES		± 0.5						1200668993		PSD	000	B		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER					
				A3-SIZE	120066	SEE SHEET 3 & 4	GENERAL MARKET		4 OF 4					
DOCUMENT STATUS		P1	RELEASE DATE	2024/07/02	09:17:54									
FORMAT: mox9916-005A3		REVISION: 1		DATE: 2020/01/11										
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