

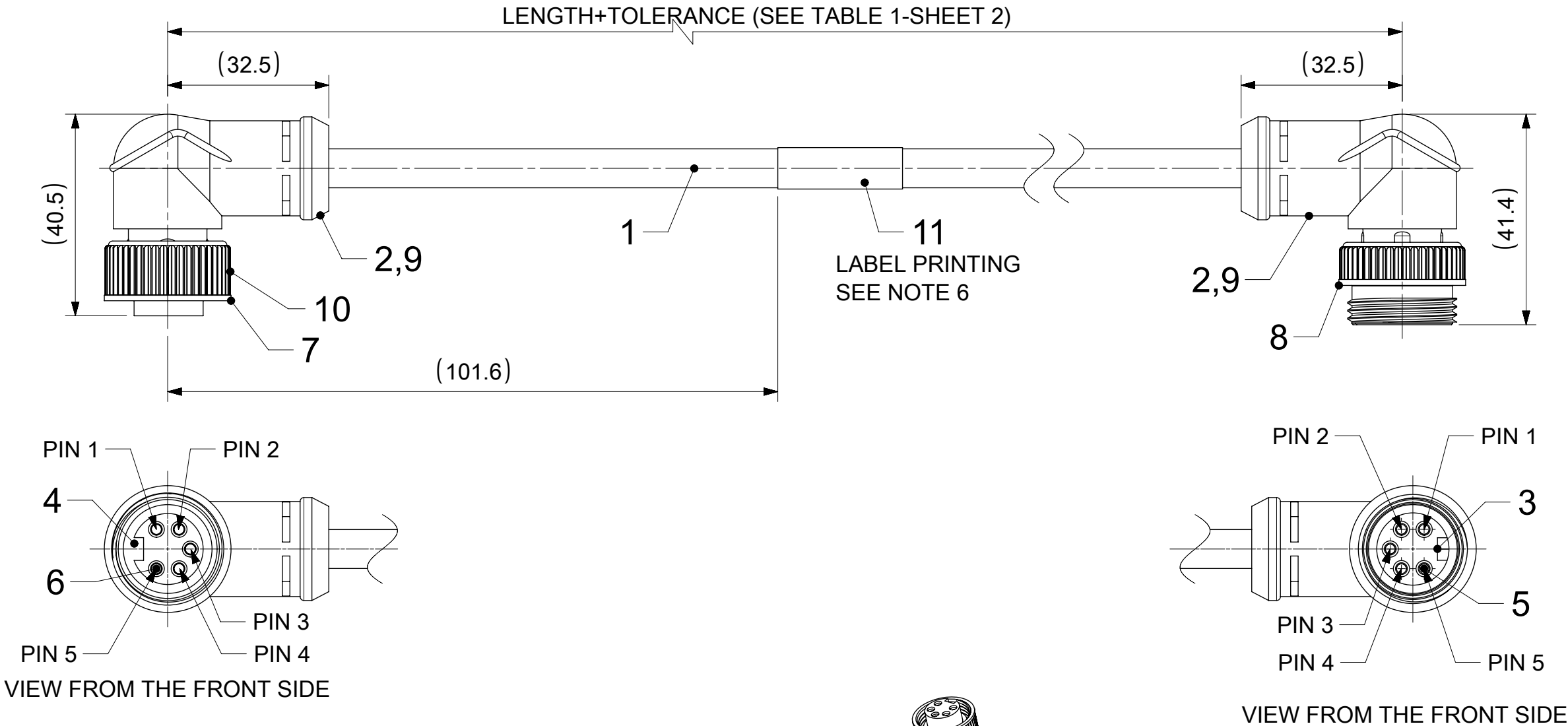
NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:

CABLE TYPE (SEE SHEET 2)

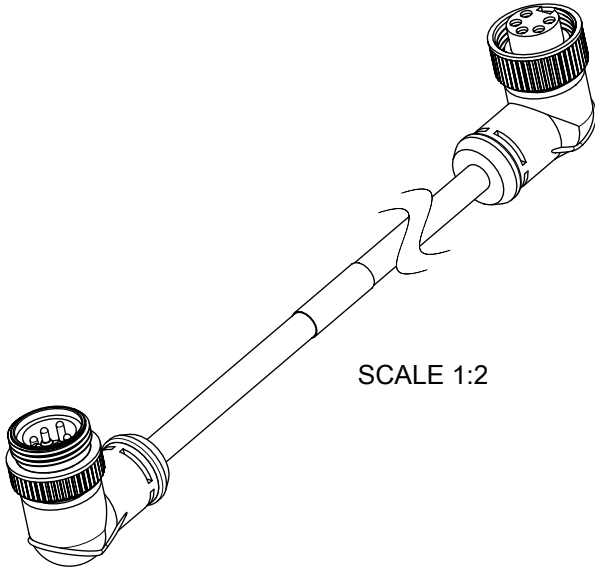
CURRENT: 10 A
4. PROTECTION: IP67 (WHEN MATED)
5. UL CERTIFICATION: UL LISTED, FILE NO. E152210
6. LABEL PRINTING ACC. STANDARD LABEL INSTRUCTION (SEE SHEET 2)

WIRING DIAGRAM



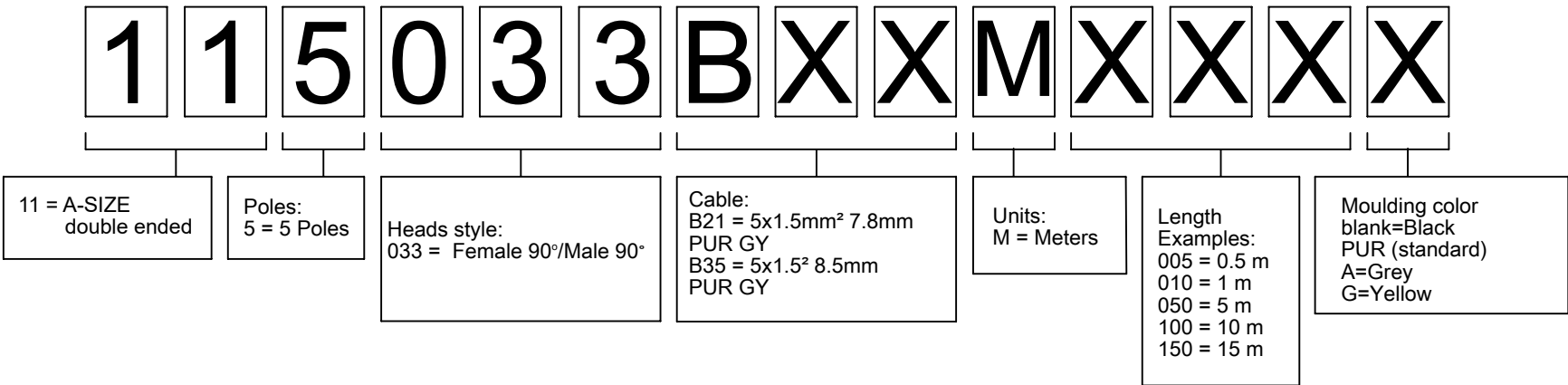
BILL OF MATERIAL

11	1	LABEL;2.0X1.75;WRAP	VINYL	YELLOW
10	1	FRICTION RING - A SIZE	NYLON	-
9	-	TAPE;0.165MMx9MM	POLYSILOXANE	WHITE
8	1	MC COUPLING NUT A-SIZE	ZINC	BLACK
7	1	COUPLING NUT MC A-SIZE EXT.THd	ZINC	BLACK
6	5	MC SOCKET SLEEVE ASSY, 16 AWG	BRASS	GOLD
5	5	MC PIN CONTACT 16AWG	BRASS	GOLD
4	1	5P FEMALE INSERT A SIZE	PUR	BLACK
3	1	5P MALE INSERT A SIZE	PUR	BLACK
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE 5/C, OD=8.5mm	TPU	GRAY
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
DOCUMENT STATUS	P1	RELEASE DATE	2023/04/27	12:11:52



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: NOTES AND CABLE SPEC UPDATED, LABEL PRINTING ADDED			molex		
	mm		1:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 747270 DRWN: RSCHIEBER 2023/04/21 CHK'D: RSILLER 2023/04/27 APPR: RSILLER 2023/04/27			CSE MC 5P A-SIZE FE RA MA RA TPU XM				
ANGULAR TOL ± 1.0 °										
4 PLACES ±										
3 PLACES ±										
DIVISIONAL SYMBOLS	2 PLACES ± 0.05		INITIAL REVISION: DRWN: RSTONE 2013/12/09 APPR: JFMURPHY 2013/12/16			PRODUCT CUSTOMER DRAWING				
	1 PLACE ± 0.3									
	0 PLACES ± 0.5									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
		THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				A3-SIZE	130010	SD-130010-031		PSD	001	A3
						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						SEE TABLE 1		GENERAL MARKET		1 OF 2

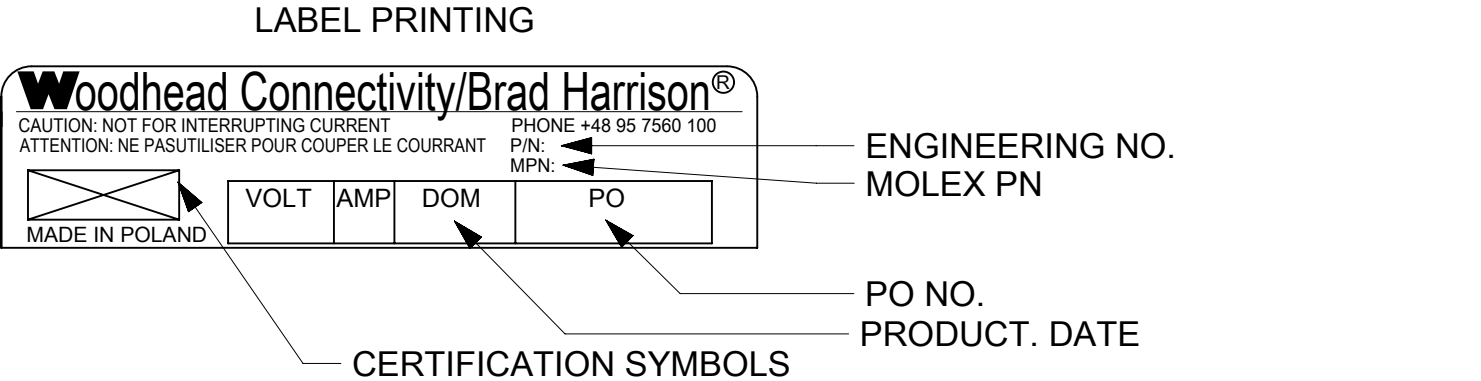
PART No. MATRIX



CABLE TYPE	No. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP / BENDING RADIUS	VOLTAGE
B21	5	1.5 mm²	TPU GREY	UL STYLE 758	C22.2	-40°C to + 80°C	-5 °C TO +80 °C	300 V
B35	5	1.5 mm²	TPU GREY	UL STYLE 758	C22.2	-40°C to + 90°C	-25 °C TO +80 °C	600 V

TABLE 1

MOLEX PN	ENGINEERING NO.	L+Tol.[mm]
1300108036	115033B21M010	1000 +56
1300108037	115033B21M020	2000 +89
1300108038	115033B21M030	3000 +89
1300108039	115033B21M050	5000 +165
1300108040	115033B21M100	10000 +317
1300108041	115033B21M150	15000 +610
1300108042	115033B21M200	20000 +610
1300108051	115033B35M010	1000 +56
1300108052	115033B35M020	2000 +89
1300108053	115033B35M030	3000 +89
1300108054	115033B35M050	5000 +165
1300108055	115033B35M100	10000 +317
1300108056	115033B35M150	15000 +610
1300108057	115033B35M200	20000 +610



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FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: NOTES AND CABLE SPEC UPDATED, LABEL PRINTING ADDED		molex		
FA = 0 FE = 0 FE = 0	mm		1:1		CSE MC 5P A-SIZE FE RA MA RA TPU XM				
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 1.0 °				EC NO: 747270 DRWN: RSCHIEBER 2023/04/21 CHK'D: RSILLER 2023/04/27 APPR: RSILLER 2023/04/27					
4 PLACES		±							
3 PLACES		±							
DIVISIONAL SYMBOLS	2 PLACES		± 0.05		PRODUCT CUSTOMER DRAWING				
	1 PLACE		± 0.3						
	0 PLACES		± 0.5						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES
						A3-SIZE		130010	
						MATERIAL NUMBER		CUSTOMER	
						SEE TABLE 1		GENERAL MARKET	
						DOCUMENT NUMBER		DOC TYPE	
						SD-130010-031		PSD	
						DOC PART		001	
						REVISION		A3	
						SHEET NUMBER		2 OF 2	