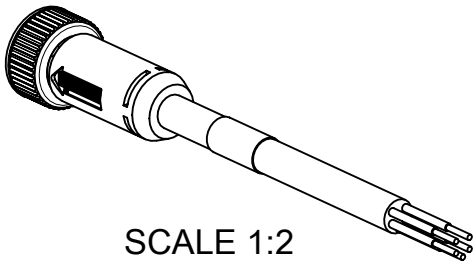
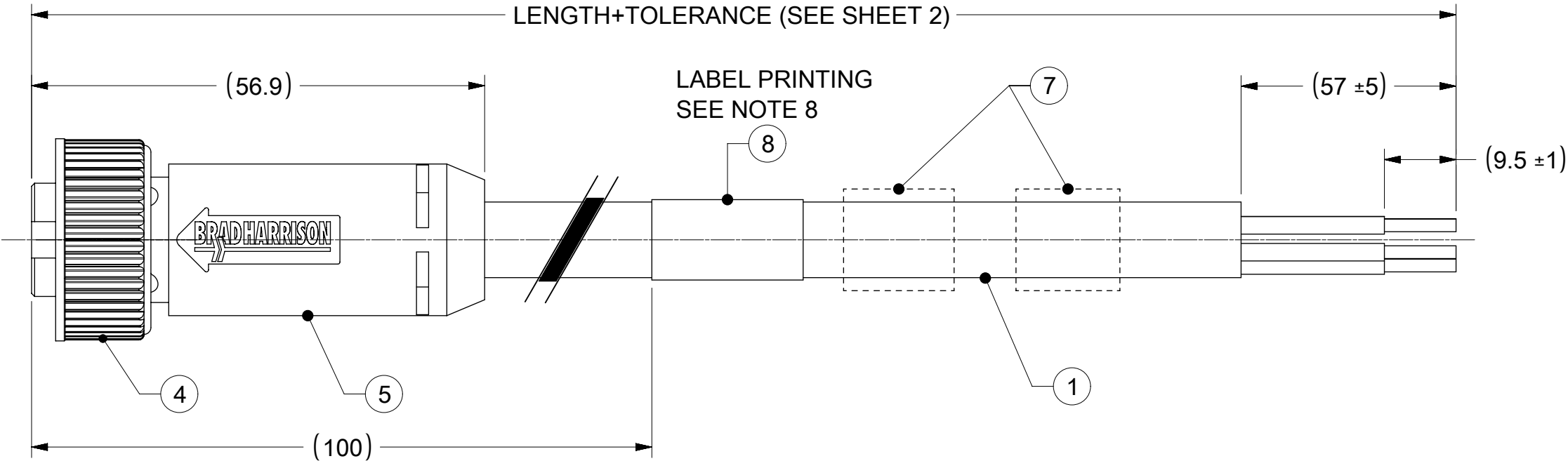
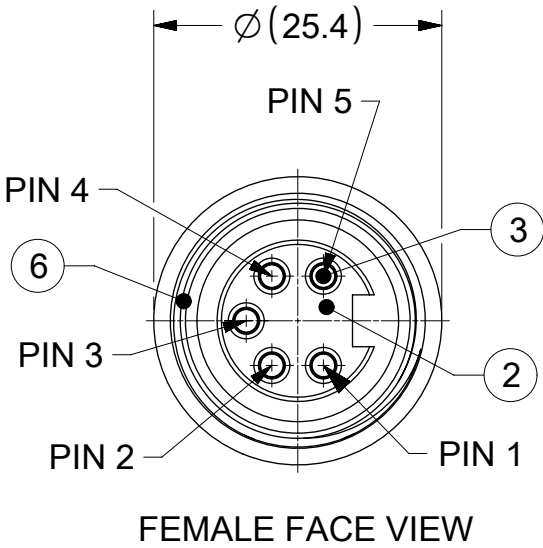


CABLE SPECIFICATION:

JACKET:
COLOR: GRAY
MATERIAL: TPU BASED COMPOUND
DIAMETER: 8.50±0.30mm
CONDUCTOR:
INSULATION DIAMETER: 2.40mm
INSULATION MATERIAL: TPE



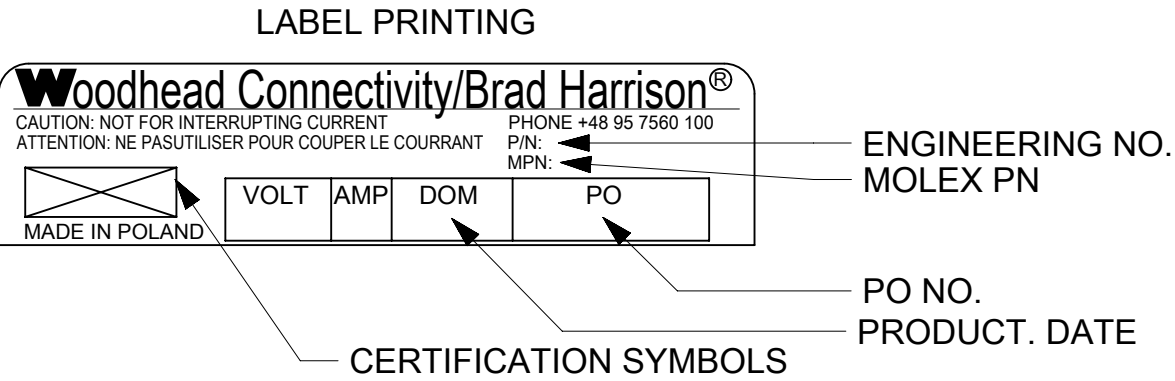
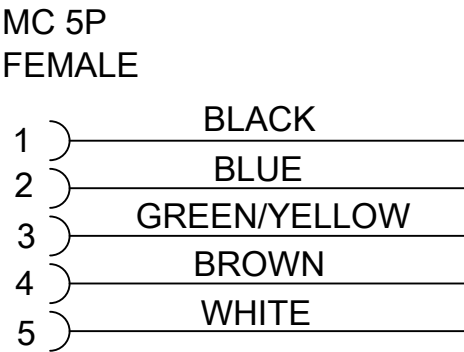
SCALE 1:2



NOTES:

- 1. MATERIAL: AS NOTED
- 2. FINISH: AS NOTED
- 3. ELECTRICAL:
VOLTAGE: 600 V
CURRENT: 10 A
- 4. TEMP RATING:
STATIC: -40 °C TO 90 °C
DYNAMIC: -25 °C TO 80 °C
- 5. PROTECTION: IP67 (WHEN MATED)
- 6. UL CERTIFICATION: UL LISTED, FILE NO. E152210
- 7. PART LIST AND MATRIX - SEE SHEET 2
- 8. LABEL PRINTING ACC. STANDARD LABEL INSTRUCTION

WIRING DIAGRAM



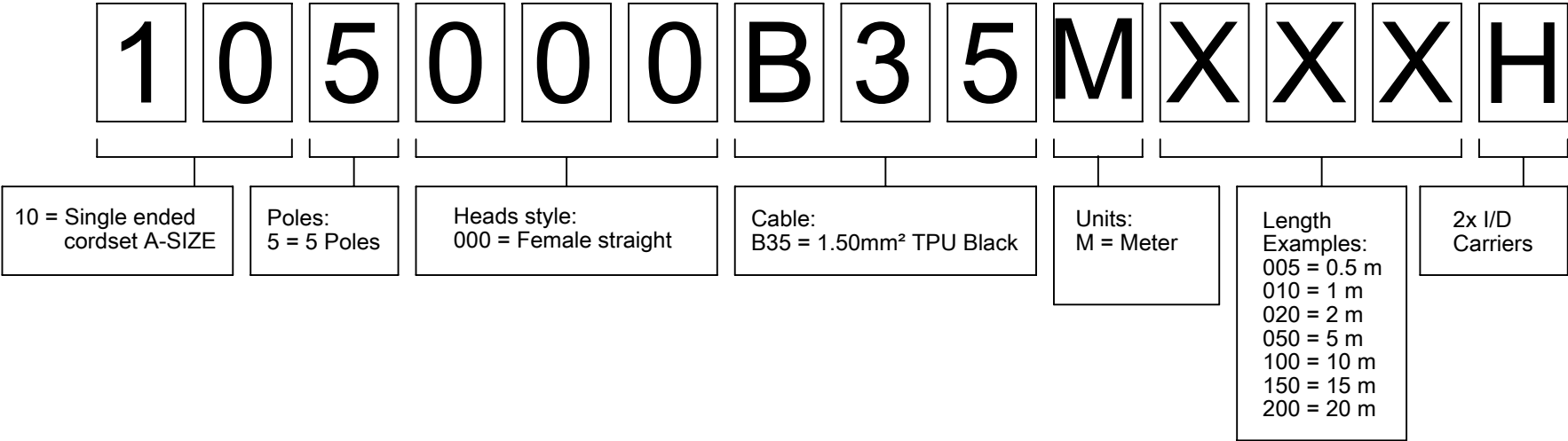
BILL OF MATERIAL

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR
1	#16-5 CABLE, WELD AND SLAG RESISTANT	TPU	GRAY
2	FEMALE INSERT	TPE	BLACK
3	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL
4	COUPLING NUT	ZINC DIE-CAST	BLACK E-COAT
5	OVERMOLD	TPE	BLACK
6	FRICTION RING	NYLON	WHITE
7	I/D CARRIER	PVC	TRASPARENT
8	WRAP LABEL	VINYL	YELLOW

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/27	12:11:46
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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 UPDATED, LABEL PRINTING ADDED			molex				
	mm		1:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
FA = 0	ANGULAR TOL		± 1.0 °		EC NO: 747270 DRWN: RSCHIEBER 2023/04/18 CHK'D: RSILLER 2023/04/27 APPR: RSILLER 2023/04/27			CSE MC 5P A-SIZE FE STR WSOR XM SE ID				
FE = 0	4 PLACES		±									
FF = 0	3 PLACES		±									
DIVISIONAL SYMBOLS	2 PLACES		± 0.05		INITIAL REVISION: DRWN: AKABADI 2022/07/26 APPR: RSILLER 2023/01/30			DOCUMENT NUMBER 1300068203		DOC TYPE PSD	DOC PART 000	REVISION A1
	1 PLACE		± 0.3									
	0 PLACES		± 0.5									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	
						A3-SIZE	130006	SEE SHEET2		GENERAL MARKET		1 OF 2

PART NUMBER MATIX



PART LIST

MOLEX PN	ENGINEERING NO.	L + Tol. [MM]
1300068203	105000B35M010H	1000 +56
1300068204	105000B35M020H	2000 +89
1300068205	105000B35M050H	5000 +165
1300068206	105000B35M100H	10000 +317
1300068207	105000B35M200H	20000 + 610
1300068208	105000B35M300H	30000 +610
1300068209	105000B35M350H	35000 +700

FUNCTIONAL SYMBOLS

= 0

= 0

= 0

DIVISIONAL SYMBOLS

4 PLACES

3 PLACES

2 PLACES

1 PLACE

0 PLACES

±

±

±

±

±

0.05

0.3

0.5

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

130006

MATERIAL NUMBER

SEE SHEET2

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CURRENT REV DESC: NOTES UPDATED, LABEL
PRINTING ADDED

EC NO: 747270

DRWN: RSCHIEBER

CHK'D: RSILLER

APPR: RSILLER

2023/04/18

2023/04/27

2023/04/27

INITIAL REVISION:

DRWN: AKABADI

APPR: RSILLER

2022/07/26

2023/01/30

molex

CSE MC 5P A-SIZE FE STR WSOR XM SE ID

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1300068203

DOC TYPE

PSD

DOC PART

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REVISION

A1

DOCUMENT STATUS

P1

RELEASE DATE

2023/04/27

12:11:46

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