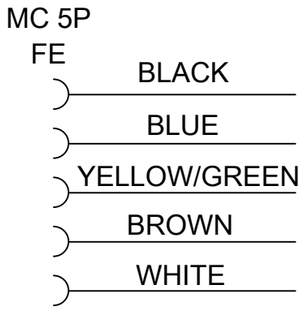
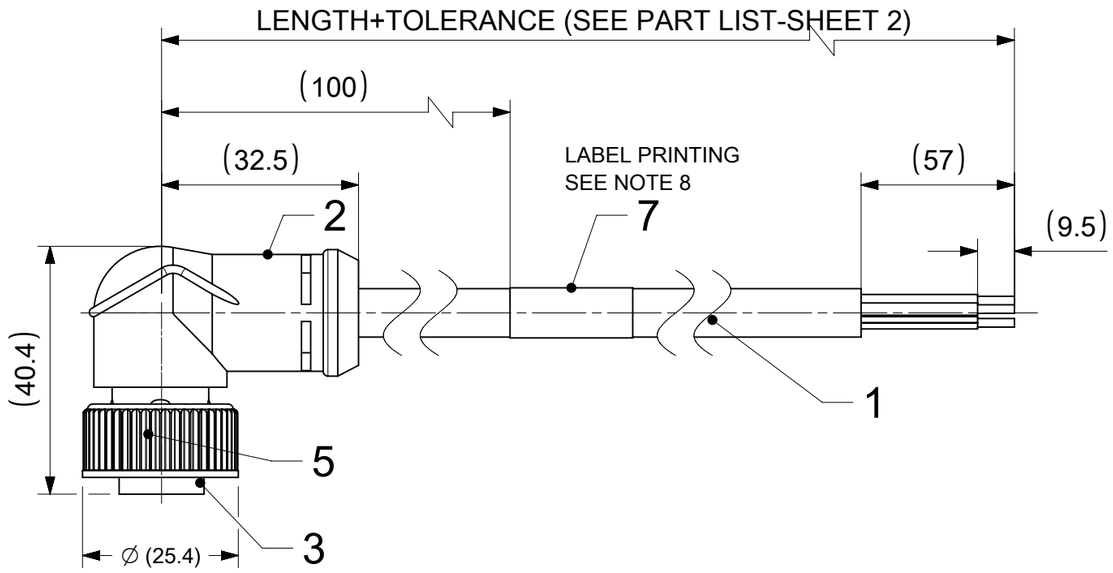
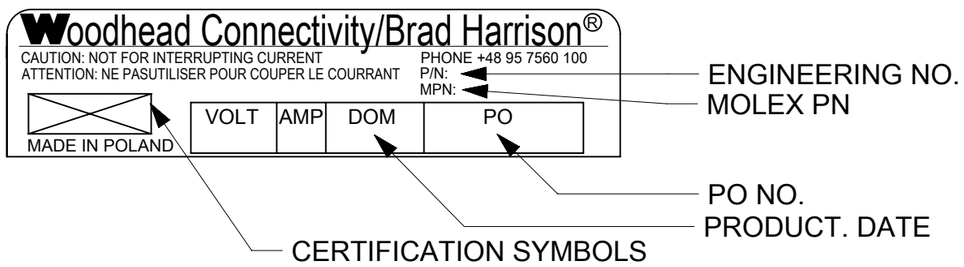
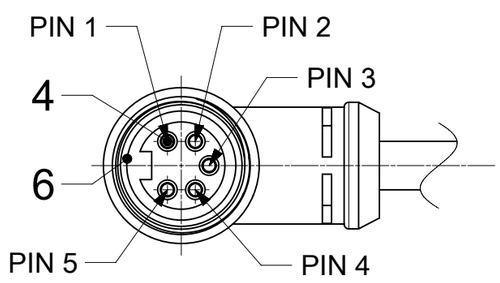
WIRING DIAGRAM



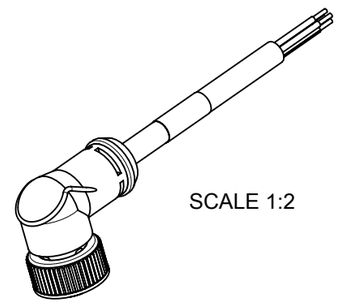


LABEL PRINTING





VIEW FROM THE
FRONT SIDE



SCALE 1:2

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 600 V
   CURRENT: 10 A
4. TEMPERATURE 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. BOM, PART LIST AND MATRIX - SEE SHEET 2
8. LABEL PRINTING ACC. STANDARD LABEL INSTRUCTION

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/27 12:11:50

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FP = 0

DIVISIONAL SYMBOLS

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

DIMENSION UNITS	SCALE
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

CURRENT REV DESC: NOTES UPDATED, LABEL PRINTING ADDED

EC NO: 747270
DRWN: RSCHIEBER 2023/04/20
CHK'D: RSILLER 2023/04/27
APPR: RSILLER 2023/04/27

INITIAL REVISION:
DRWN: RSTONE 2013/12/09
APPR: JFMURPHY 2013/12/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 130006

molex

CSE MC 5P A-SIZE FE RA XM PUR SE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130006-051	PSD	001	A4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 2	GENERAL MARKET	1 OF 2

PART No. MATRIX

1	0	5	0	0	1	B	3	5	M	X	X	X

- 10 = A-SIZE single ended
- Poles: 5 = 5 Poles
- Heads style: 001 =Female 90°
- Cable: B35 = 16 AWG TPU GY
- Units: M = Meters
- Length Examples: 005 = 0.5 m, 010 = 1 m, 050 = 5 m, 100 = 10 m, 150 = 15 m

PART LIST

MOLEX PN	ENGINEERING NO.	L + Tol. [mm]
1300068174	105001B35M020	2000 + 89
1300068175	105001B35M050	5000 + 165
1300068176	105001B35M100	10000 + 317
1300068177	105001B35M200	20000 + 610
1300068178	105001B35M300	30000 + 610
1300068274	105001B35M010	1000 +56

BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
7	1	LABEL	VINYL	YELLOW
6	1	FRICTION RING	NYLON	-
5	1	COUPLINGNUT	ZINC DIE-CAST	BLACK E-COAT
4	5	FEMALE CONTACT	Cu ALLOY	GOLD OVER NICKEL
3	1	INSERT	PUR	BLACK
2	-	OVERMOLD	TPE	BLACK
1	-	CABLE 16AWG OD=8.5mm	TPU	GRAY

DOCUMENT STATUS | P1 | RELEASE DATE | 2023/04/27 12:11:50

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FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm | SCALE: 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

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CSE MC 5P A-SIZE FE RA XM PUR SE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130006-051	PSD	001	A4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 2	GENERAL MARKET	2 OF 2

FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01