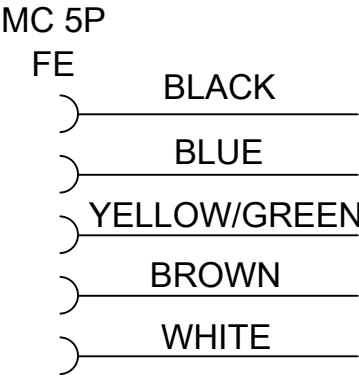
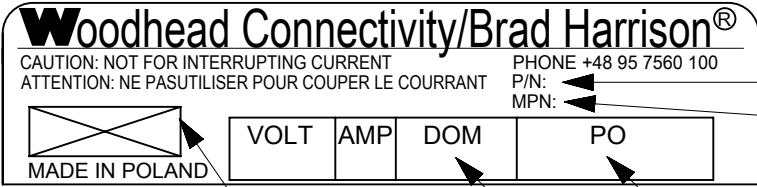


WIRING DIAGRAM



LABEL PRINTING



ENGINEERING NO.
MOLEX PN

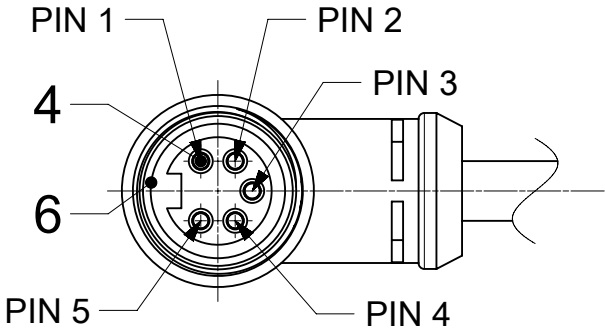
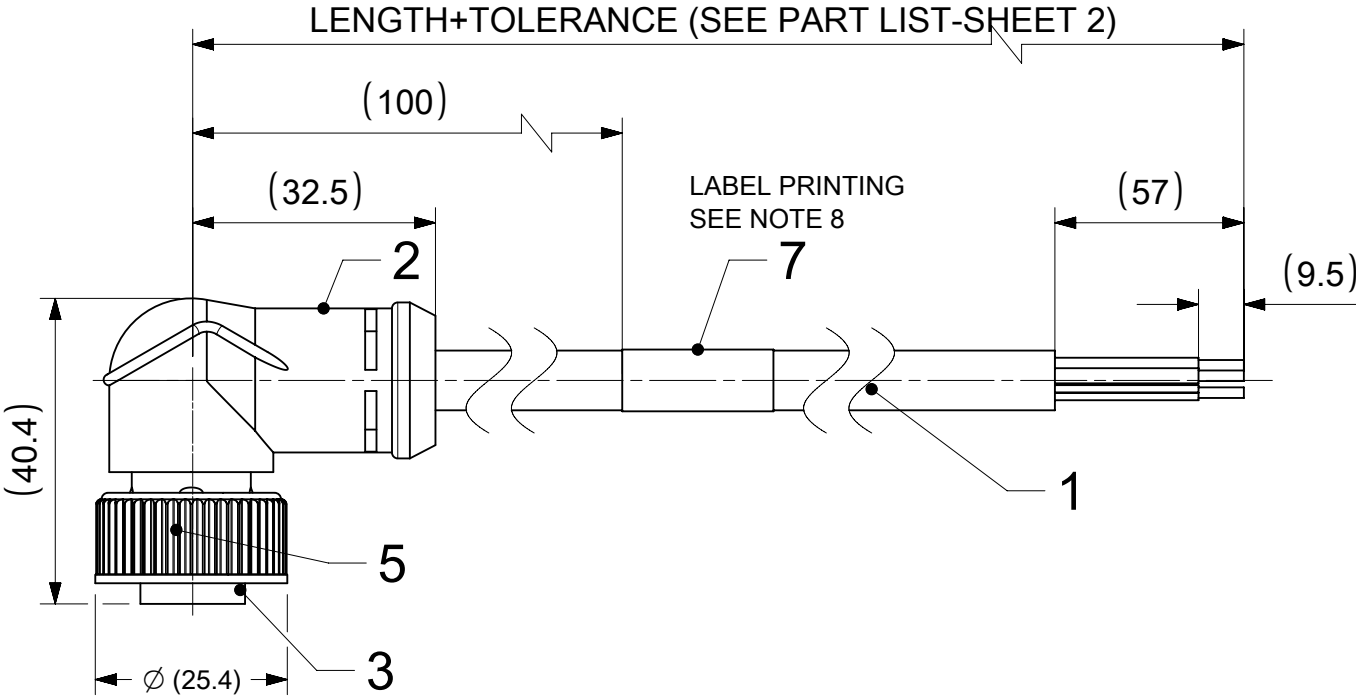
PO NO.
PRODUCT. DATE

CERTIFICATION SYMBOLS

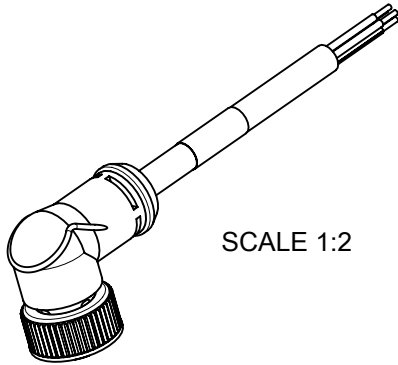
NOTES:

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

LENGTH+TOLERANCE (SEE PART LIST-SHEET 2)



VIEW FROM THE
FRONT SIDE



SCALE 1:2

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: REMOVED OBSOLETE PART NUMBER AS PER PCN#516685				molex							
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 830087 DRWN: PONNAM CHK'D: GGA APPR: GGA 2025/07/24 2025/08/05 2025/08/05				CSE MC 5P A-SIZE FE RA XM PUR SE							
ANGULAR TOL ± 1.0 °															
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.05													
1 PLACE		± 0.3		INITIAL REVISION: DRWN: RSTONE APPR: JFMURPHY 2013/12/09 2013/12/16				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
0 PLACES		± 0.5						SD-130006-051		PSD		001		A5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		130006		SEE SHEET 2		GENERAL MARKET		1 OF 2	

PART No. MATRIX

105001B35MXXX

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
1300068274	105001B35M010	1000 +56

BILL OF MATERIAL

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
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
DOCUMENT STATUS	P1	RELEASE DATE	2025/08/05 13:01:54	

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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: REMOVED OBSOLETED PART NUMBER AS PER PCN#516685

EC NO: 830087
DRWN: PONNAM
CHK'D: GGA
APPR: GGA

INITIAL REVISION:
DRWN: RSTONE
APPR: JFMURPHY

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

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

A5

SEE SHEET 2

GENERAL MARKET

2 OF 2

A3-SIZE

130006