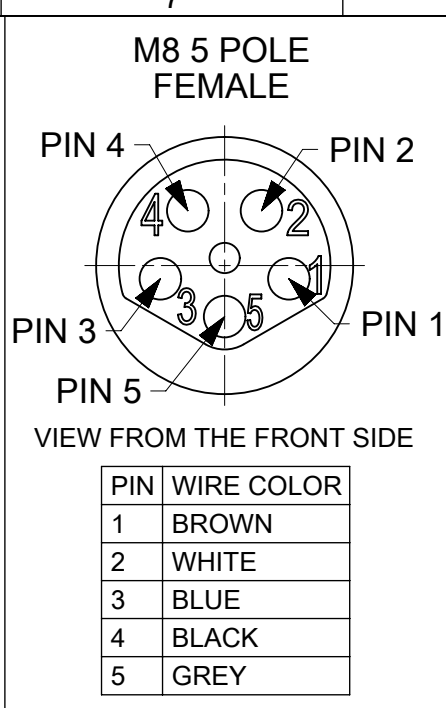
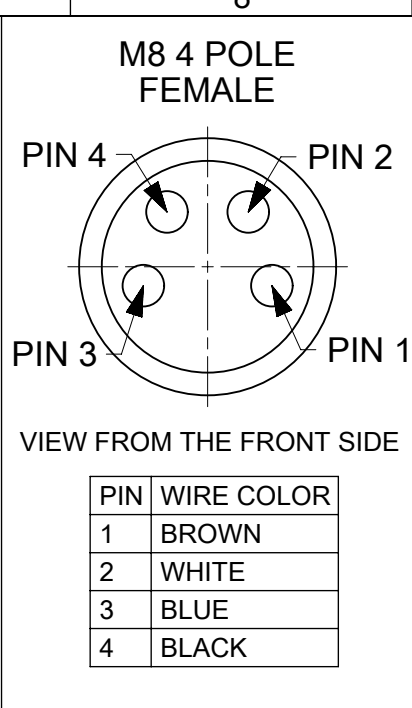
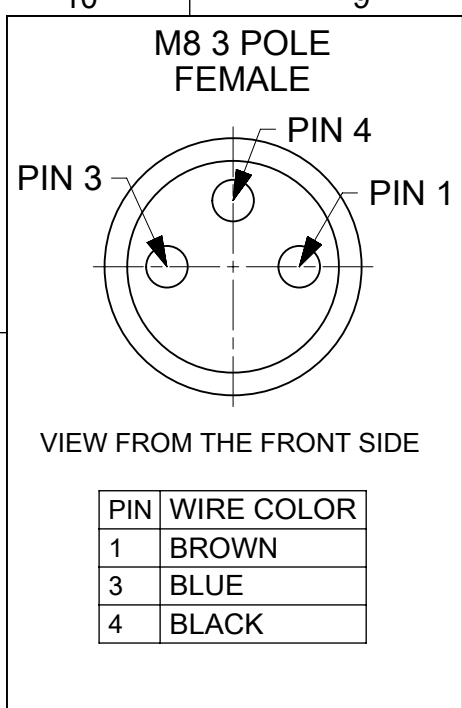




PART No. MATRIX

4	R	X	F	3	0	E	0	2	X	X	X	X	X
---	---	---	---	---	---	---	---	---	---	---	---	---	---

4R = M8 REC

Poles:
4 = 4 Poles
5 = 5 Poles
8 = 8 Poles

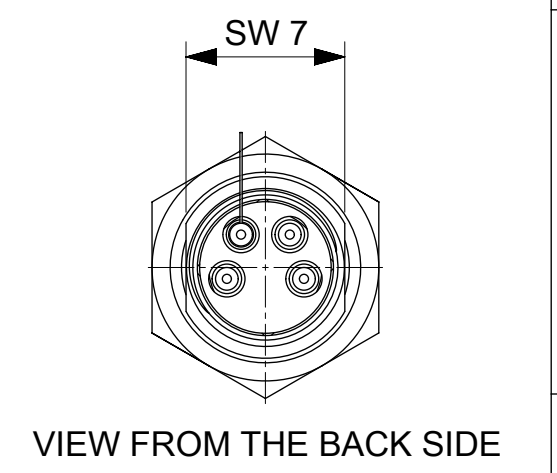
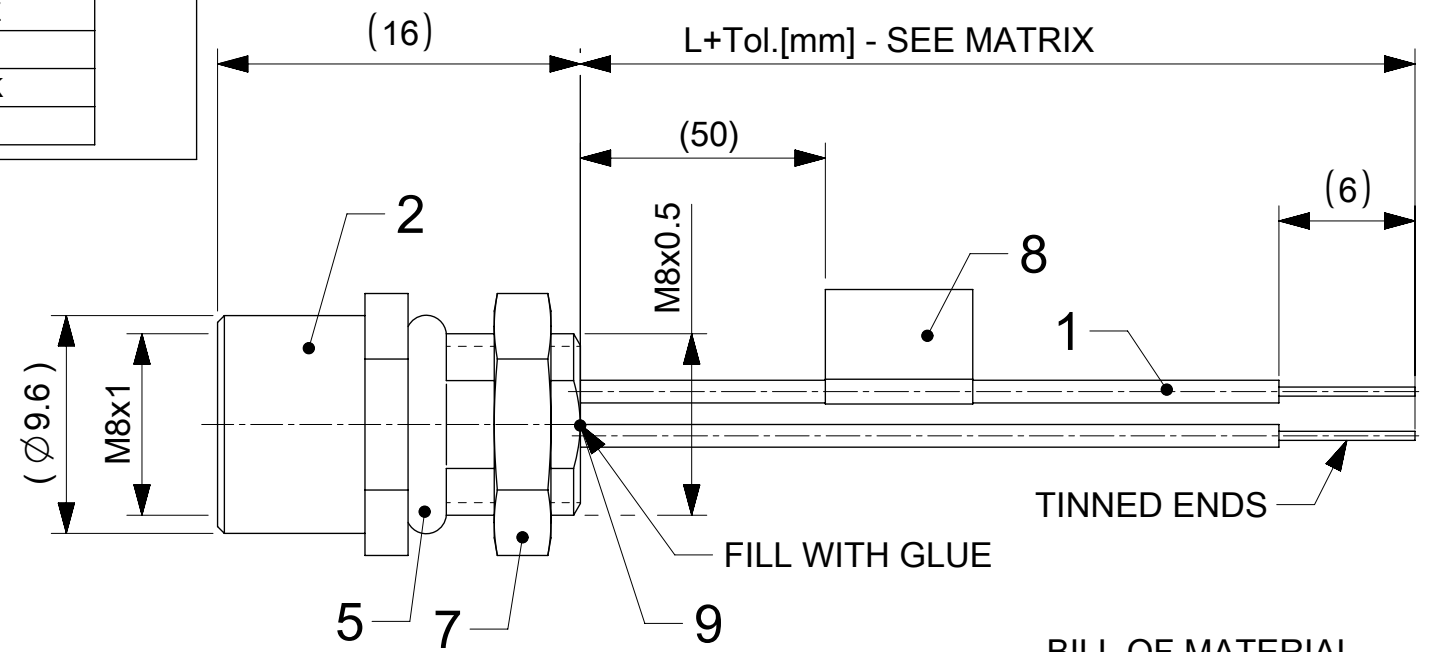
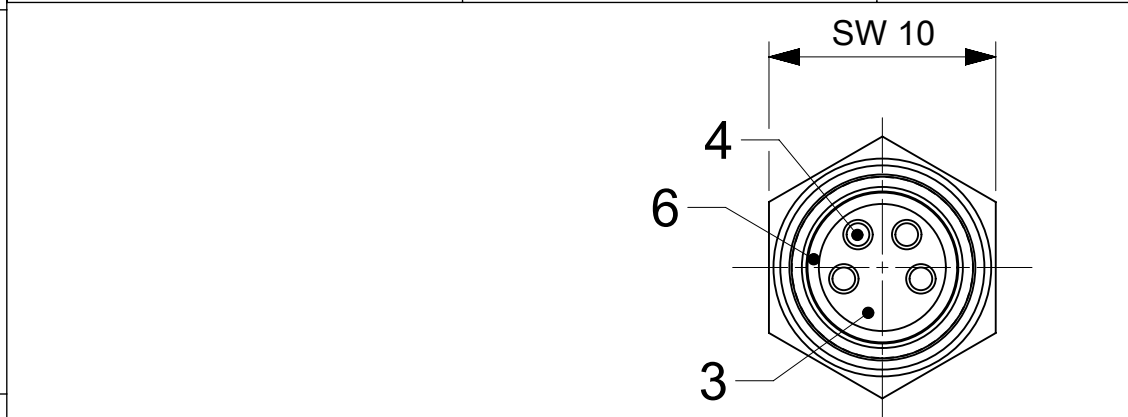
Shell Type

Wires
E02 = 0.25mm² PVC

Units:
M = Meters
C = Centimeters

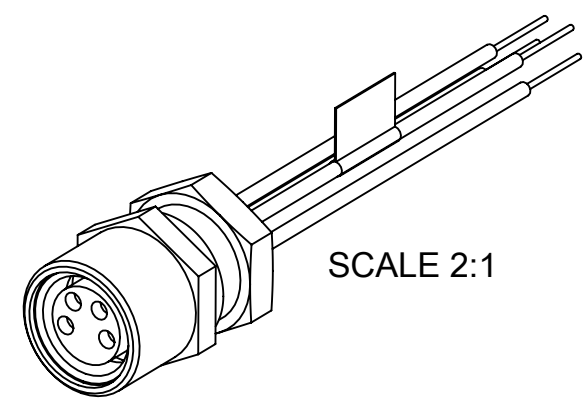
Length
Examples:
005 = 0.5 unit
010 = 1 unit
100 = 10 units

Shell material:
Blank = Aluminum
1 = stainless steel
3 = brass with nickel plated



M8 3-4-5P A-B Code:
ELECTRICAL DATA:
3P VOLTAGE RATING: 60V
4-5P VOLTAGE RATING: 30V
AMPERAGE RATING: 3A
INSULATION RESISTANCE: 10⁸ Ω MIN.
MATING CYCLES: MIN. 100

ENVIRONMENTAL:
PROTECTION: IP65 in mated and locked position.
OPERATING TEMPERATURE: -25°C TO +85°C
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000



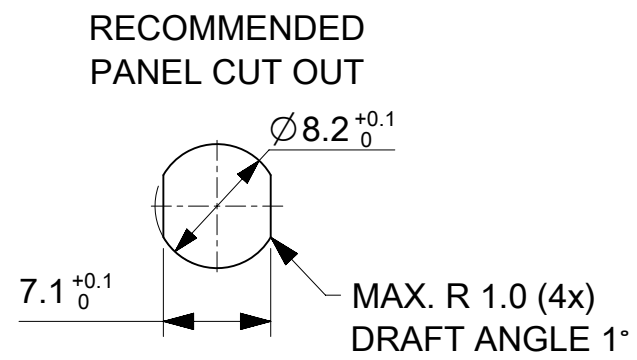
BILL OF MATERIAL

9	-	POTTING MATERIAL	WEVO	-
8	1	LABEL	VINYL	YELLOW
7	1	LOCKNUT M8X0.5	BRASS	NICKEL PLATED
6	1	GASKET	FKM	RED
5	1	O-RING	NBR	BLACK
4	3/4/5	CONTACT 10 FE	BRONZE	GOLD OVER NICKEL PLATED
3	1	INSERT M8 FE 5P	ELASTOLLAN	BLACK
2	1	REC SHELL M8(FE)XM8(M)	BRASS	NICKEL PLATED
1	-	WIRE;24AWG;OD=1.43mm	PVC	GRAY
	-	WIRE;24AWG;OD=1.43mm		BROWN
	-	WIRE;24AWG;OD=1.43mm		WHITE
	-	WIRE;24AWG;OD=1.43mm		BLUE
	-	WIRE;24AWG;OD=1.43mm		BLACK
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR

PART LIST

MOLEX PN	ENGINEERING NO.	LENGTH (MM)
1200905071	4R3F30E02C200	2000
1200310015	4R3F30E02C3003	3000
1200310053	4R3F30E02M0203	2000
1200905076	4R4F30E02C200	2000
1200908035	4R4F30E02C2103	2100
1200908011	4R4F30E02C300	3000
1200310049	4R4F30E02C3003	3000
1200905106	4R5F30E02C200	2000
1200310028	4R5F30E02C3003	3000

DOCUMENT STATUS	P1	RELEASE DATE	2023/11/30	13:30:45
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Over	Up to and including	Tolerance
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% of length

FUNCTIONAL SYMBOLS
FA=0
FE=0
FV=0

DIVISIONAL SYMBOLS

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

SCALE
mm 3:1

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: PACKAGING SPEC ADDED

EC NO: 770174
DRWN: RSCHIEBER
CHK'D: RSILLER
APPR: RSILLER
2023/10/18
2023/11/30
2023/11/30

INITIAL REVISION:
DRWN: MDHARMANTI
APPR: RSILLER
2022/04/05
2022/04/08

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
120090

DOCUMENT NUMBER
1200905076

CUSTOMER
GENERAL MARKET

SHEET NUMBER
1 OF 1

DOC TYPE
PSD

DOC PART
000

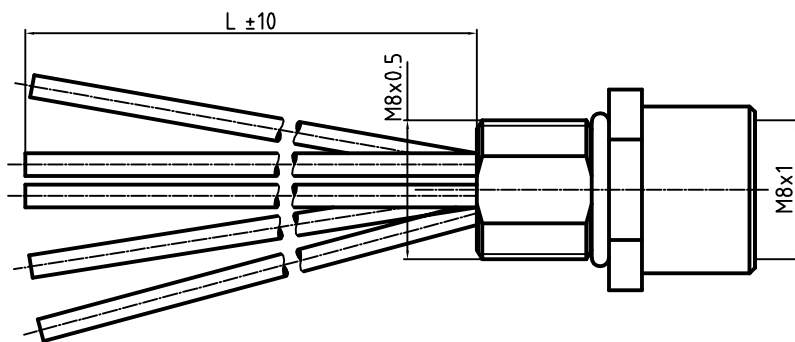
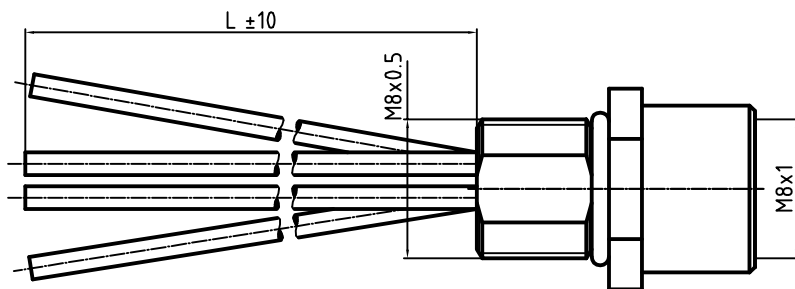
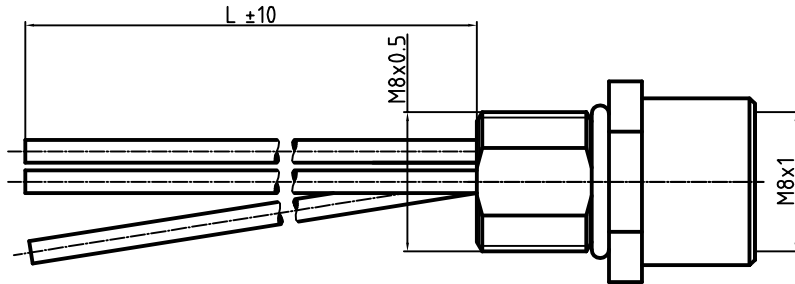
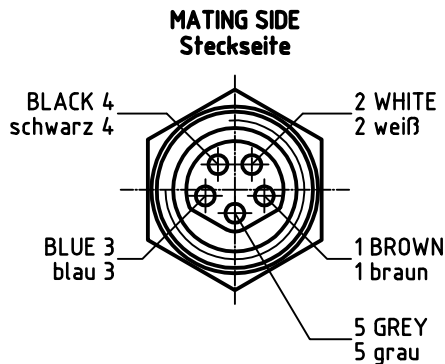
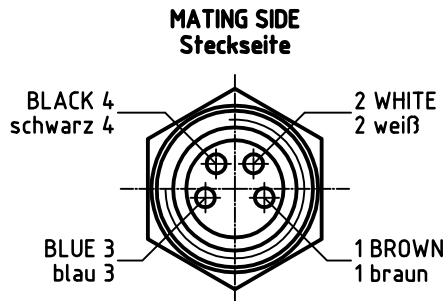
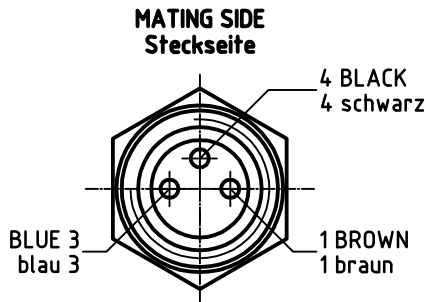
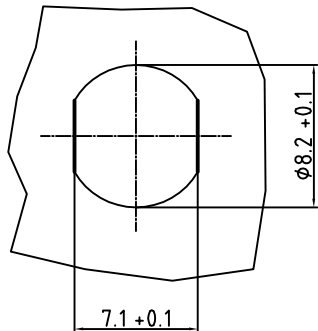
REVISION
A1

molex

REC M8 5P BC FE STR PVC M8 FM WIR UNSH

PRODUCT CUSTOMER DRAWING

MOUNTING HOLE
Montageausschnitt



NOTES / Bemerkung:

1	CRIMP CONTACT Crimp Kontakt	WN-00003
2	CABLE LENGTH TOLERANCE Kabellängentoleranz	WN-00004
3	POTTING Verguss	ES-120000-019
4	PACKAGING FOR RECEPTACLE Verpackung für Gerätestecker	PK-120000-018
5	PIN-ASSIGNMENT Pin-Belegung	IEC 61076-2-104
6	WINDING SPECIFICATION Wickelvorschrift	ES-120000-020

SAP-NUMBER SAP-Nummer	OLD MATERIAL-NO. alte Artikel-Nr.	LENGTH Länge	REPLACED Ersatz für
1200905071	4R3F30E02C200	0.2 M	0908 031GF 09000
1200905102	4R3F30E02C500	0.5 M	0908 031GF 09003
1200905076	4R4F30E02C200	0.2 M	0908 041GF 09000
1200905106	4R5F30E02C200	0.2 M	0908 051GF 09000

DESCRIPTION EC NO.: WEU2009-0457 6/19/09 DRWN: BBRAUCH CH'KD: --- APPR: JKOLB 2009/09/15
1

QUALITY SYMBOLS
▼ = 0
▽ = 0
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±0.05	±---
1 PLACE	±0.1	±---
ANGULAR ± ---- °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM	
DRAWN BY	DATE
BB	2009/06/19
CHECKED BY	DATE
JKO	2009/08/05
APPROVED BY	DATE
FP	2009/08/05
MATERIAL NO.	
see table	
SIZE	
A3	

SCALE 2:1	DESIGN UNITS METRIC		FIRST ANGLE PROJECTION
M8 FEMALE RECEPTACLES-XM M8 GERAETEBUCHSE-XM ----			
 MOLEX INCORPORATED			
DOCUMENT NO. SD-120090-002			SHEET NO. 1 OF 1
CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX			