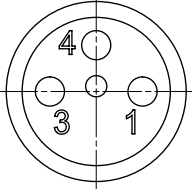
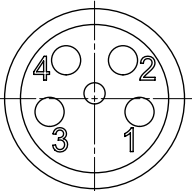


M8 FEMALE
VIEWS FROM
THE FRONT SIDE
3 POLE



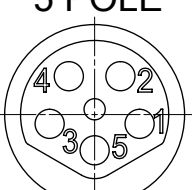
Pin	Wire color
1	BROWN
3	BLUE
4	BLACK

4 POLE



Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK

5 POLE



Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY

PART NO MATRIX

40 = M8
SINGLE ENDED

POLES:
3 = 3 POLES
4 = 4 POLES
5 = 5 POLES

HEADER:
000 = FEMALE STRAIGHT

CABLE:
B41 = 0,25mm², TPU BLACK

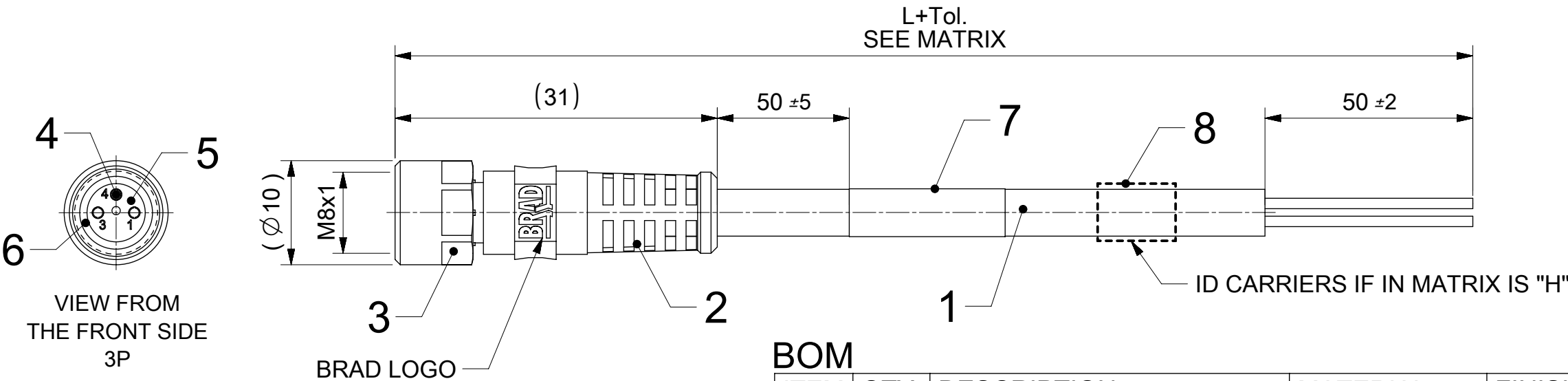
UNIT:
M = METER

LENGTH:
EXAMPLE:
010 = 1 m
050 = 5 m
100 = 10 m

OVERMOLD COLOR:
BLANK (STANDARD)= BLACK
Y= YELLOW

COUPLING NUT:
BLANK (STANDARD)= KNURLED
/ HEX BRASS, Ni PLATED
7 = KNURLED BRASS, Ni PLATED,
TEFLON COATED

H = 2 PCS. OF I/D CARRIERR
FOR CABLE B36



BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
1	-	CABLE	SEE CABLE SPECIFICATION	
2	-	OVERMOLD	SEE PART MATRIX	
3	1	M8 HEX KNU FE NUT	SEE PART MATRIX	
4	3/4/5	CONTACT FE	BRONZE	SELECTIVE GOLD OVER NICKEL
5	1	INSERT M8 FE XP	PUR	BLACK
6	1	GASKET	FKM	RED
7	1	LABEL	VINYL	YELLOW
8	2	ID-CARRIER (SEE MATRIX)	PVC	-

CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE (+)
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% of length

NOTES

TEMPERATURE RANGE	-25°C/+80°C
CONTACT CURRENT RATING	3A
VOLTAGE RATING	3 POLES 60V
	4-5 POLES 30 V
PROTECTION CLASS	IP 67
INSULATION RESISTANCE	10 ⁸ Ω MIN.
MATING CYCLES	MIN. 100

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/02	09:18:34
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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

SCALE
1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: AS PER THE PCN-513749 CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END". ADDED NOTES ON MATING CYCLES & INSULATION RESISTANCE. SORTED PART LIST USING CABLE TYPES ON SHEET 2

EC NO: 789428
DRWN: AKABADI
CHK'D: RSILLER
APPR: RSILLER

2023/08/18
2024/07/02
2024/07/02

INITIAL REVISION:
DRWN: MDHARMANTI
APPR: RSILLER

2021/10/19
2021/10/22

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
120086

MATERIAL NUMBER
SEE PART LIST

CUSTOMER
GENERAL MARKET

SHEET NUMBER
1 OF 2

molex

CSE M8 XP AC FE STR TPU XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
1200868655

DOC TYPE
PSD

DOC PART
000

REVISION
B

F

ED

C

B

A

10