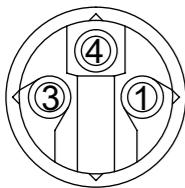


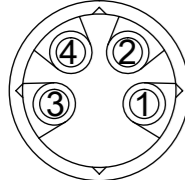
M8 FEMALE VIEWS FROM THE FRONT SIDE

3 POLE



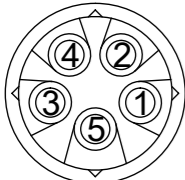
Pin	Wire color
1	BROWN
3	BLUE
4	BLACK

4 POLE



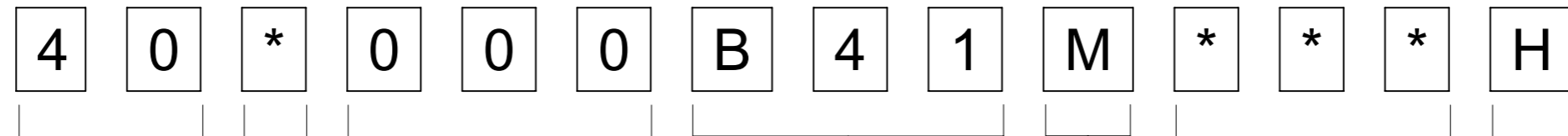
Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK

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

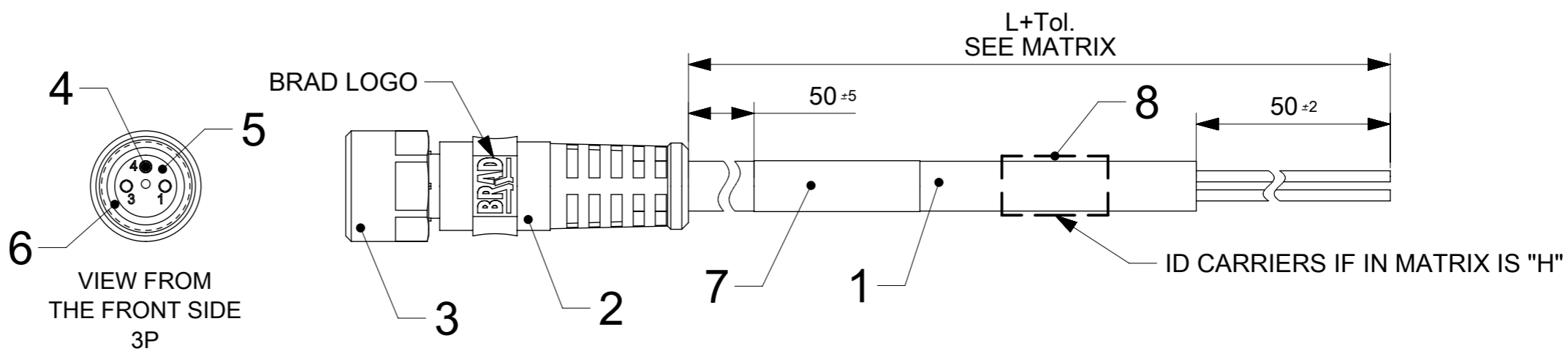
UNIT:
M = METER

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

OPTIONS

H = 2 PCS. OF I/D CARRIERR

REVISION A	TRANSFERRED TO ECTR / ADDED NEW PN
REVISION A1	ADDED NEW PN
REVISION A2	ADDED NEW PN



ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
8	2	ID-CARRIER (SEE MATRIX)	-	-
7	1	LABEL YE STANDARD	VINYL	-
6	1	GASKET RD	FKM	-
5	1	INSERT M8 FE XP	PUR	-
4	X	CONTACT FE	BRASS	Cu/Ni
3	1	M8 HEX KNU FE NUT	BRASS	Ni3
2	-	MOULDING MATERIAL BK	TPU	-
1	-	CABLE Xx0.25mm ² BK	TPU	-

Table of length tolerances

Over	Up to and including	Tolerance (+)
0	1000	+40 0
1000	5000	+60 0
5000	10000	+80 0
10000	20000	+140 0
20000	30000	+160 0
30000	>	+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

SYMBOLS ▽ = 0 DIMENSION UNITS ▽ = 0 SCALE ▽ = 0 mm 1:1 ▽ = 0 GENERAL TOLERANCES (UNLESS SPECIFIED) ▽ = 0 ANGULAR TOL ± ° ▽ = 0 4 PLACES ± ▽ = 0 3 PLACES ± ▽ = 0 2 PLACES ± ▽ = 0 1 PLACE ± ▽ = 0 0 PLACES ± ▽ = 0 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC:		 CSE M8 XP AC FE STR TPU XM		
	EC NO: 177194 DRWN: GMAJCHER 2018/05/24 CHK'D: MIWASIECZKO 2018/05/25 APPR: MIWASIECZKO 2018/05/25				PRODUCT CUSTOMER DRAWING
INITIAL REVISION: DRWN: AKONDRACIUK 2016/07/27 APPR: MIWASIECZKO 2016/07/27		DOCUMENT NUMBER 1200868655	DOC TYPE PSD	DOC PART 00P	REVISION A2
THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 120086	MATERIAL NUMBER SEE SHEET 2	CUSTOMER SHEET NUMBER 1 OF 2

TABLE 1

MOLEX PN	ENGINEERING No
1200868832	403000B41M005
1200868655	403000B41M010
1200868656	403000B41M020
1200868657	403000B41M050
1200868658	403000B41M100
1200868659	404000B41M010
1200868660	404000B41M020
1200868661	404000B41M050
1200868662	404000B41M100
1200868663	405000B41M010
1200868664	405000B41M020
1200868665	405000B41M050
1200868666	405000B41M100
1200868798	403000B41M065
1200868840	403000B41M150
1200868841	403000B41M200

A2

REVISION A	TRANSFERRED TO ECTR / ADDED NEW PN
REVISION A1	ADDED NEW PN
REVISION A2	ADDED NEW PN

CABLE SPECIFICATION

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	other
B41	0.25mm ²	TPU BLACK	STYLE 21215	yes	-40°C TO +90°C 5xD	-25°C TO +80°C 7.5xD	5 mio cycles	WELD SLAG RESISTANCE

FOR RAW CABLE SPECIFICATION SEE SD-120209-006

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:						molex				
	mm		1:1												
	▽ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 177194 DRWN: GMAJCHER 2018/05/24 CHK'D: MIWASIECZKO 2018/05/25 APPR: MIWASIECZKO 2018/05/25						PRODUCT CUSTOMER DRAWING				
	▽ = 0		ANGULAR TOL ± °												
	▽ = 0		4 PLACES ±												
	▽ = 0		3 PLACES ±		INITIAL REVISION: DRWN: AKONDRACIUK 2016/07/27 APPR: MIWASIECZKO 2016/07/27						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	▽ = 0		2 PLACES ±								1200868655		PSD	00P	A2
	▽ = 0		1 PLACE ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
	▽ = 0		0 PLACES ±								SEE TABLE 1				2 OF 2
▽ = 0		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
▽ = 0		A3-SIZE		120086		SEE TABLE 1						2 OF 2			