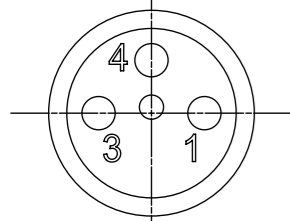


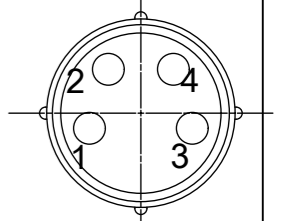
### M8 FEMALE FACE VIEW



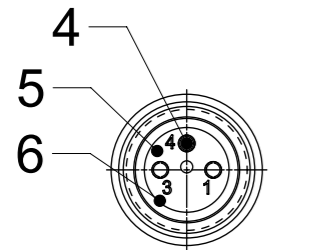
Pin	Wire color
1	BROWN
3	BLUE
4	BLACK

Temperature Range	-25°C /+80°C
Contact Current Rating	3A
Voltage Rating	3 Poles 60V
	4 Poles 30V
Protection class	IP 67

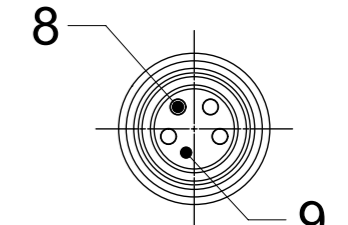
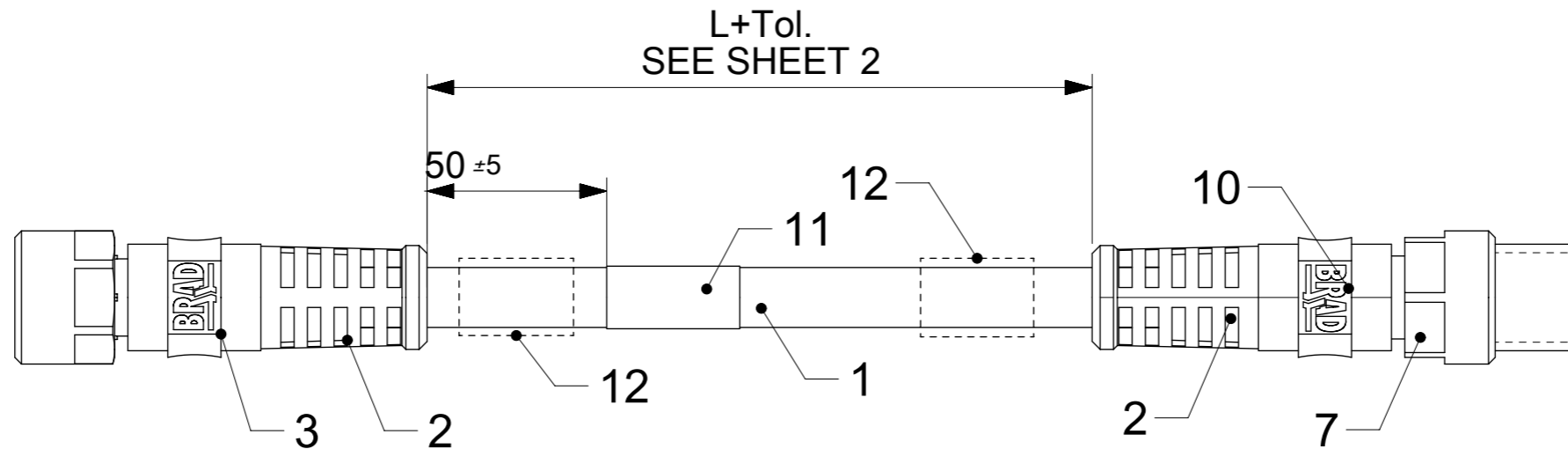
### M8 MALE FACE VIEW



Pin	Wire color
1	BROWN
2	-
3	BLUE
4	BLACK



VIEWS FROM THE FRONT SIDE



VIEWS FROM THE FRONT SIDE

### BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
12	2	ID CARRIER (SEE MATRIX)	PVC	-
11	1	STANDARD WRAP LABEL YE	VINYL	-
10	1	M8 MALE SLEEVE	BRASS	Ni-PLATED
9	1	INSERT MALE 4P BK	ELASTOLLAN	-
8	4	CONTACT MALE	BRASS	Ni-PLATED
7	1	M8 HEX KNU MALE NUT	BRASS	Ni-PLATED
6	1	GASKET RD	FKM	-
5	1	INSERT FEMALE 3P BK	ELASTOLLAN	-
4	3	CONTACT FEMALE	BRASS	Ni-PLATED
3	1	M8 HEX KNU FE NUT	BRASS	Ni-PLATED
2	-	MOULDING MATERIAL	TPU	-
1	-	CABLE 3x0.25mm <sup>2</sup>	TPU	-
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

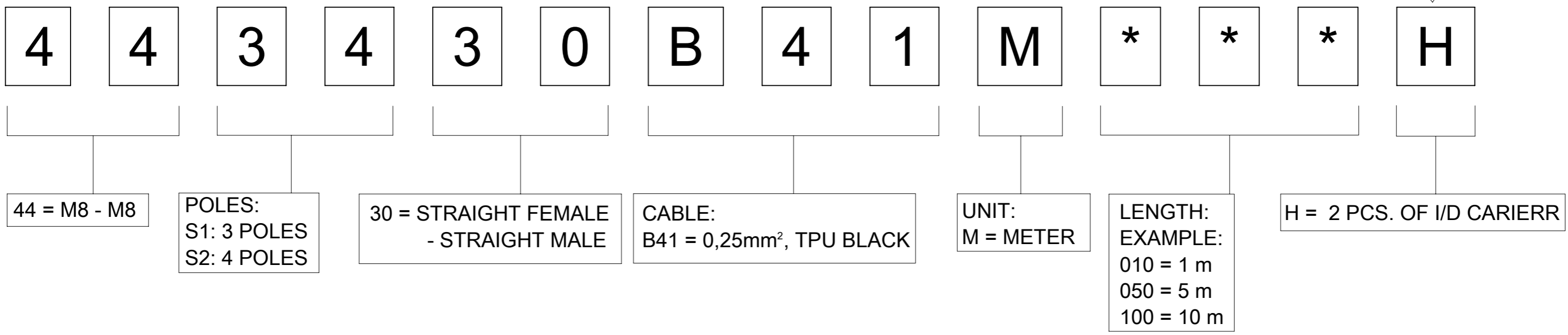
NOTE:

1. LOGO BRAD- ONLY IN ONE SIDE ON THE OVERMOULD.

SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:					
▽ = 0	mm	2:1	<b>molex</b> CSE M8 3P FE STR WSOR 4P MA STR XM PRODUCT CUSTOMER DRAWING					
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 628456 DRWN: ASZELAG 2019/12/03 CHK'D: DSTACHOWIAK 2019/12/03 APPR: DSTACHOWIAK 2019/12/03		
▽ = 0	ANGULAR TOL ± °					INITIAL REVISION: DRWN: AKONDRACIUK 2016/06/06 APPR: MIWASIECZKO 2016/06/21		
▽ = 0	4 PLACES ±					DOCUMENT NUMBER: 1200878896 DOC TYPE: PSD DOC PART: 00P REVISION: A2		
▽ = 0	3 PLACES ±		MATERIAL NUMBER: SEE SHEET 2 CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2					
▽ = 0	2 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
▽ = 0	1 PLACE ±		THIRD ANGLE PROJECTION					
▽ = 0	0 PLACES ±		DRAWING: A3-SIZE SERIES: 120087					

# PART NO MATRIX-NUMERICAL CODE (Available parts see PART LIST table. Others parts available upon request).

OPTIONS



CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	STATIC	FLEXING	DRAG CHAIN TESTED	OTHER
B41	0.25mm <sup>2</sup>	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

## PART LIST

MOLEX PN	ENGINEERING No	L [mm]	Tol. [mm]
1200878896	443430B41M005H	500	+40/-0
1200878897	443430B41M010H	1000	+40/-0
1200878898	443430B41M020H	2000	+60/-0
1200878899	443430B41M030H	3000	+60/-0
1200878900	443430B41M050H	5000	+60/-0
1200878901	443430B41M100H	10000	+80/-0
1200878902	443430B41M150H	15000	+140/-0
1200878903	443430B41M200H	20000	+140/-0
1200878904	443430B41M250H	25000	+160/-0

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>
	DIMENSION UNITS	SCALE	EC NO: 628456		
	mm	1:1	DRWN: ASZELAG 2019/12/03		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: DSTACHOWIAK 2019/12/03		
▽ = 0	ANGULAR TOL	±	°	APPR: DSTACHOWIAK 2019/12/03	PRODUCT CUSTOMER DRAWING
▽ = 0	4 PLACES	±		INITIAL REVISION:	
▽ = 0	3 PLACES	±		DRWN: AKONDRACIUK 2016/06/06	DOCUMENT NUMBER
▽ = 0	2 PLACES	±		APPR: MIWASIECZKO 2016/06/21	1200878896
▽ = 0	1 PLACE	±			DOC TYPE
▽ = 0	0 PLACES	±			PSD
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
▽ = 0				A3-SIZE	120087
			MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			SEE PART LIST	GENERAL MARKET	2 OF 2