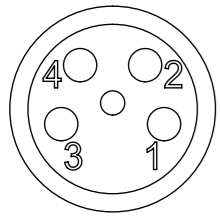


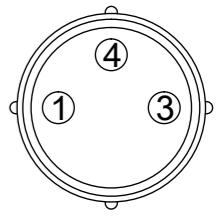
M8 FEMALE FACE VIEW



Pin	Wire color
1	BROWN
2	-
3	BLUE
4	BLACK

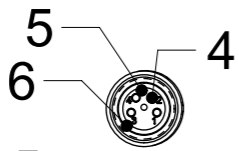
Temperature Range	-25°C /+80°C
Contact Current Rating	3A
Voltage Rating	3 Poles 60V
	4 Poles 30V
Protection class	IP 67

M8 MALE FACE VIEW

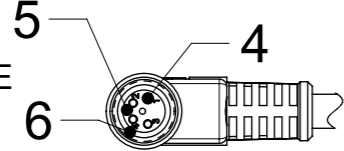


Pin	Wire color
1	BROWN
3	BLUE
4	BLACK

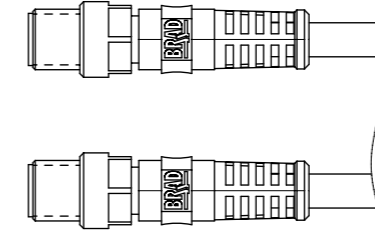
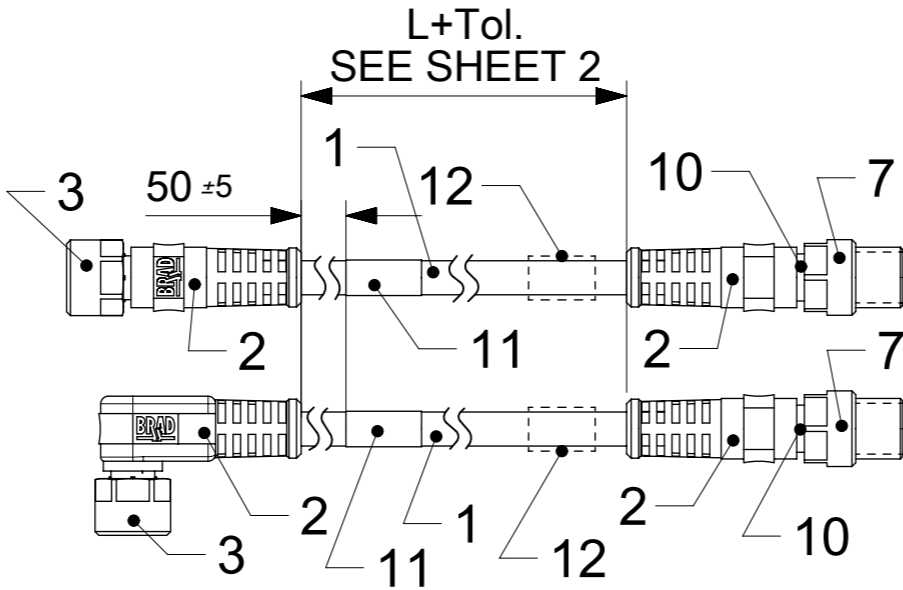
FEMALE STRAIGHT 4 POLE
-MALE STRAIGHT 3 POLE
444330B41MXXX



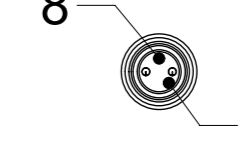
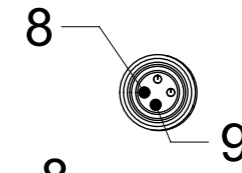
FEMALE RIGHT ANGLE 4 POLE
-MALE STRAIGHT 3 POLE
444331B41MXXX



VIEWS FROM THE FRONT SIDE



VIEWS FROM THE BRAD LOGO SIDE



VIEWS FROM THE FRONT SIDE

BILL OF MATERIALS

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 3P BK	ELASTOLLAN	-
8	3	CONTACT MALE	BRASS	Ni-PLATED
7	1	M8 HEX KNU MALE NUT	BRASS	Ni-PLATED
6	1	GASKET RD	FKM	-
5	1	INSERT FEMALE 4P BK	ELASTOLLAN	-
4	4	CONTACT FEMALE	BRASS	Ni-PLATED
3	1	M8 HEX KNU FE NUT	BRASS	Ni-PLATED
2	-	MOULDING MATERIAL	TPU	-
1	-	CABLE 3x0.25mm ²	TPU	-
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

NOTE:

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
EC NO: 105946 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2016/06/03	2016/06/21	2016/06/21	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	 CSE M8 M8 4P AC FE RA WSOR MA STR XM				
				ANGULAR TOL ± °		mm	1:1					
				4 PLACES ±	AKONDRACIUK		DATE				2016/06/03	
				3 PLACES ±	CHK'D BY		DATE					
				2 PLACES ±	APPR BY		DATE					
				1 PLACE ±	MIWASIECZKO		DATE				2016/06/21	
				0 PLACES ±	DRAWING SIZE	THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3			SERIES	MATERIAL NUMBER	CUSTOMER	
								120087	SEE MATRIX (SH 2)			
								DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER
								1200878889		PSD	00P	1 OF 3

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

OPTIONS

4 4 4 3 3 * B 4 1 M * * * H

44 = M8 - M8

POLES:
S1: 4 POLES
S2: 3 POLES

30 = STRAIGHT FEMALE
- STRAIGHT MALE
31 = RIGHT ANGLE FEMALE
- STRAIGHT MALE

CABLE:
B41 = 0,25mm², TPU BLACK

UNIT:
M = METER


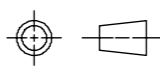
LENGTH:
EXAMPLE:
010 = 1 m
050 = 5 m
100 = 10 m

H = 2 PCS. OF I/D CARIERR

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

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EC NO: 105946 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2016/06/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE				
	2016/06/21	ANGULAR TOL ± °		mm	1:1				
	2016/06/21	4 PLACES ±	DRWN BY	DATE			CSE M8 M8 4P AC FE RA WSOR MA STR XM		
		3 PLACES ±	AKONDRACIUK	2016/06/03					
		2 PLACES ±	CHK'D BY	DATE					
		1 PLACE ±	MIWASIECZKO	2016/06/21			PRODUCT CUSTOMER DRAWING		
	0 PLACES ±	APPR BY	DATE		SERIES	MATERIAL NUMBER	CUSTOMER		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	120087	SEE MATRIX		
A	REV			A3		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
						1200878889	PSD	00P	2 OF 3


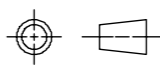
PART LIST

FEMALE STR 4P- MALE STR 3P		
444330B41MXXXX		
MOLEX PN	ENGINEERING No	CABLE LENGTH [mm]
1200878882	444330B41M005H	500
1200878883	444330B41M010H	1000
1200878884	444330B41M020H	2000
1200878885	444330B41M030H	3000
1200878886	444330B41M050H	5000
1200878887	444330B41M100H	10000
1200878888	444330B41M150H	15000
1200878915	444330B41M200H	20000
1200878916	444330B41M250H	25000

FEMALE RA 4P- MALE STR 3P		
444331B41MXXXX		
MOLEX PN	ENGINEERING No	CABLE LENGTH [mm]
1200878889	444331B41M005H	500
1200878890	444331B41M010H	1000
1200878891	444331B41M020H	2000
1200878892	444331B41M030H	3000
1200878893	444331B41M050H	5000
1200878894	444331B41M100H	10000
1200878895	444331B41M150H	15000
1200878917	444331B41M200H	20000
1200878918	444331B41M250H	25000

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

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EC NO: 105946 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2016/06/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	
	2016/06/21	ANGULAR TOL ± °		mm	1:1	
	2016/06/21	4 PLACES ±	DRWN BY	DATE		
		3 PLACES ±	AKONDRACIUK	2016/06/03		
		2 PLACES ±	CHK'D BY	DATE		
		1 PLACE ±				
		0 PLACES ±	APPR BY	DATE		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MIWASIECZKO	2016/06/21		
			DRAWING SIZE	THIRD ANGLE PROJECTION		
			A3			
PRODUCT CUSTOMER DRAWING			SERIES	MATERIAL NUMBER	CUSTOMER	
			120087	SEE MATRIX (SH 2)		
DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER	
1200878889			PSD	00P	3 OF 3	