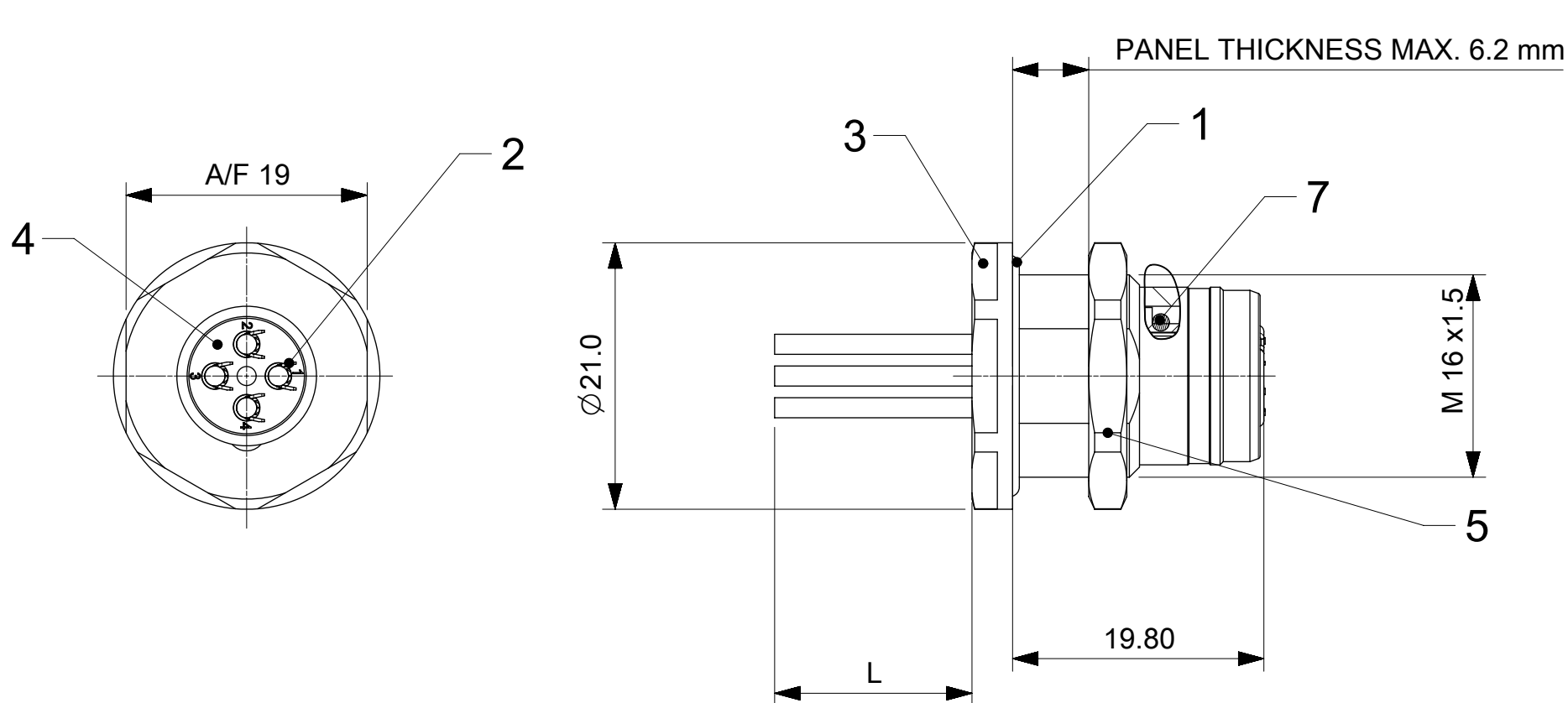


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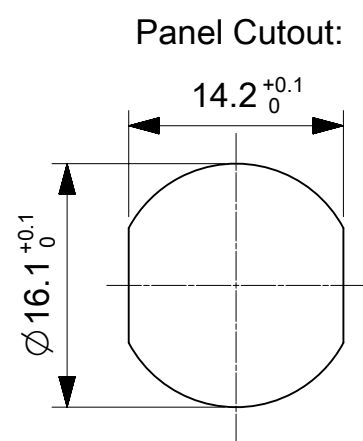
E



E

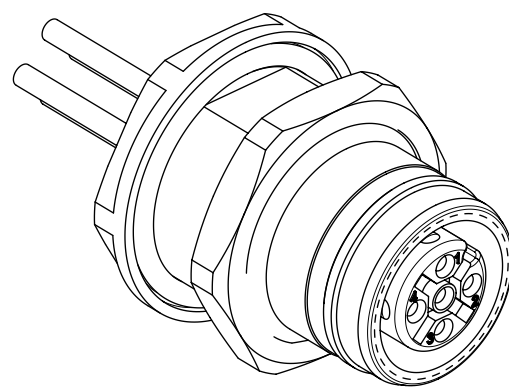
D

C

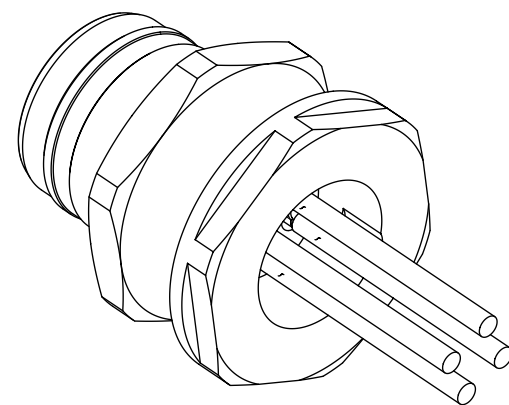


D

C



B



A

ITEM	QTY.	COMPONENT	MATERIAL	FINISH
1	1	O-RING 16x1.5	EPDM	BLACK
2	4/5/8/12	PIN CONTACT	BRASS	CuZn Ni/Au
3	1	REC. SHELL MALE	BRASS	Ni PLATED
4	1	INSERT	PA	BLACK
5	1	LOCKNUT	BRASS	Ni PLATED
6	-	POTTING MATERIAL	EPOXY	NONE
7	1	GASKET	VITON	RED

A

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
QUALITY SYMBOLS		EC NO: 169760		DRWN: MSCHAUER		CHK'D: RSILLER		APPR: RSILLER	
▽A	= 0	2015/01/29		2017/12/22		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	
▽E	= 0					ANGULAR TOL ± °		mm	
▽EP	= 0					4 PLACES ±		SCALE	
▽	= 0					3 PLACES ±		2:1	
▽C	= 0					2 PLACES ± 0.05		DRWN BY	
▽	= 0					1 PLACE ± 0.1		MSCHAUER	
▽	= 0					0 PLACES ±		DATE	
▽	= 0					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		RSILLER	
▽	= 0							DATE	
▽	= 0							2017/12/22	
▽	= 0							APPR BY	
▽	= 0							RSILLER	
▽	= 0							DATE	
▽	= 0							2017/12/22	
▽	= 0							DRAFTING SIZE	
▽	= 0							A3	
▽	= 0							THIRD ANGLE PROJECTION	
▽	= 0							molex®	
▽	= 0							REC U12 XP AC FE M16 BM WIR SHD BRA AU	
▽	= 0							PRODUCT CUSTOMER DRAWING	
▽	= 0							SERIES	
▽	= 0							120084	
▽	= 0							MATERIAL NUMBER	
▽	= 0							SEE TABLE 2	
▽	= 0							CUSTOMER	
▽	= 0							GENERAL MARKET	
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▽	= 0							DOC TYPE	
▽	= 0							PSD	
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▽	= 0							000	
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987654321

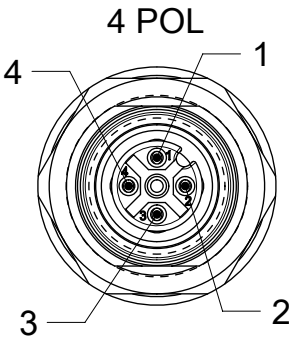
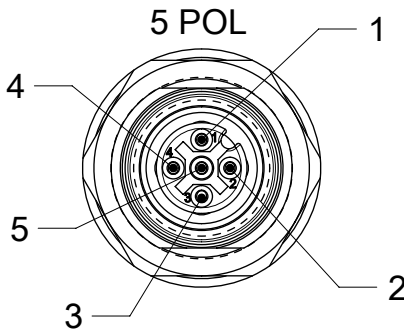
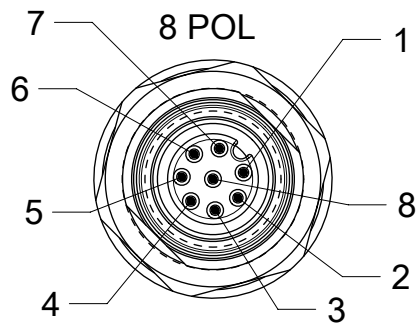
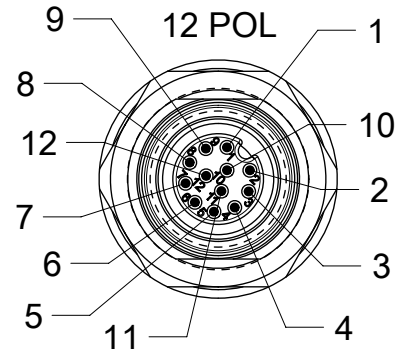
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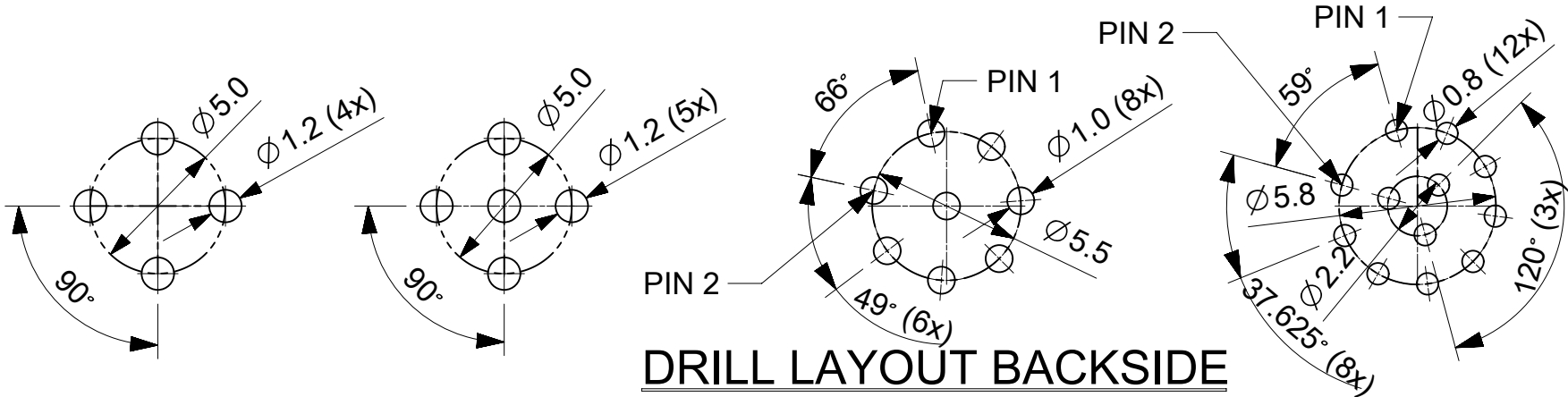
IEC 60947-5-2	
PIN	COLOR
1	BROWN/braun
2	WHITE/Weiß
3	BLUE/blau
4	BLACK/schwarz
5	GRAY/grau

TABLE 4

DIN 47100	
PIN	COLOR
1	WHITE/Weiß
2	BROWN/braun
3	GREEN/Grün
4	YELLOW/Gelb
5	GREY/grau
6	PINK/Rosa
7	BLUE/blau
8	RED/rot
9	BLACK/schwarz
10	PURPLE/lila
11	GREY-PINK/grau-rosa
12	RED-BLUE/rot-Blau

TABLE 3:

MATERIAL-NO.	1200845189		1200845190		1200845191		1200845192 1200848068	
ENG-NO.	WR4W40E03C3003		WR5W40E03C3003		WR8W40E02C300		WRCW40E01C300 WRCW40E01M010	
LAYOUT								
VOLTAGE RATING	250V		60V		30V		30V	
CODING	A - Coding		A - Coding		A - Coding		A - Coding	
AMPERE RATING	4A		4A		2A		1.5A	
PROTECTION CLASS CONNECTOR INTERFACE SHELL TO ENCLOSURE	IP 67/69K (in mated condition / when properly installed)							
OPERATING TEMP.	-25°C / 85°C							
UL CERTIFICATION	FILE NO. E152210							
CSA CERTIFICATION	FILE NO. LR6837							
WIRE LEAD	0.34 mm ² PVC		0.34 mm ² PVC		0.25 mm ² PVC		0.14 mm ² PVC	
PIN DIAMETER	1.0 mm		1.0 mm		0.8 mm		0.6 mm	
WIRE COLOR	ACCORDING TO IEC 60947-5-2					ACCORDING TO DIN 47100		



DRILL LAYOUT BACKSIDE

TABLE 2

MOLEX PN	ENGINEERING NR.	L [mm]	TOL.	DESCRIPTION
1200845189	WR4W40E03C3003	300	±10	REC U12 4P AC FE 0.3M M16 BM WIR BRA AU
1200845190	WR5W40E03C3003	300	±10	REC U12 5P AC FE 0.3M M16 BM WIR BRA AU
1200845191	WR8W40E02C300	300	±10	REC U12 8P AC FE 0.3M M16 BM WIR BRA AU
1200845192	WRCW40E01C300	300	±10	REC U12 12P AC FE 0.3M M16 BM WIR BRA AU
1200848068	WRCW40E01M010	1000	±20	REC U12 12P AC FE 1.0M M16 BM WIR BRA AU

2015/01/29

2017/12/22

EC NO: 169760

DRWN: MSCHAUER

CHK'D:

APPR: RSILLER

A

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.1

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS

mm

DRWN BY

MSCHAUER

CHK'D BY

DATE

APPR BY

RSILLER

DRAWING SIZE

A3

THIRD ANGLE PROJECTION

SCALE

1:1

DATE

2015/01/29

DATE

2017/12/22

molex®

REC U12 XP AC FE M16 BM WIR SHD BRA AU

PRODUCT CUSTOMER DRAWING

SERIES

120084

MATERIAL NUMBER

SEE TABLE 2

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

1200845189

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

2 OF 2

RELEASE STATUS		RELEASE DATE	
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