

TABLE 1

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
1	-	WIRES	PVC	-
2	4/5/8/12	CONTACT M12 MALE	BRASS	SELECTIVE GOLD OVER NICKEL
3	-	POTTING MATERIAL	WEVO	-
4	1	INSERT U12 MALE XP BLACK	ULTRAMID	-
5	1	SHELL M12MA/M16MA BM	BRASS	NICKEL PLATED
6	1	NUT M16x1.5	BRASS	NICKEL PLATED
7	1	GASKET BLACK	EPDM	-

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EC NO: 169750 DRWN: FGAIK CHK'D: APPR: RSILLER	2017/05/18 2017/12/21	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 °	DIMENSION UNITS: mm SCALE: 2:1	
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5	DRWN BY: FGAIK DATE: 2017/05/18	PRODUCT CUSTOMER DRAWING	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHK'D BY: RSILLER DATE: 2017/12/21	SERIES: 120084 MATERIAL NUMBER: SEE SHEET 2 CUSTOMER: GENERAL MARKET	
	A3 	APPR BY: RSILLER DATE: 2017/12/21	DOCUMENT NUMBER: 1200845183 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 2	

TABLE 2						
MOLEX PN:	1200845183	1200845185	1200845187	1200845188	1200848138	1201090035
ENGINEERING NO.:	WR4W46E03C3003	WR5W46E03C3003	WR8W46E02C300	WRCW46E01C300	WR8W46E02M010	
POLES:	4 POLES	5 POLES	8 POLES	12 POLES	8 POLES	4 POLES
VOLTAGE RATING:	250V	60V	30V	30V	30V	250V
CODING	A - Code	A - Code	A - Code	A - Code	A - Code	D - Code
AMPERE RATING:	4A	4A	2A	1.5A	2A	4A
PROTECTION CLASS:	CONNECTOR INTERFACE: IP 67/69K (IN MATED CONDITION) SHELL TO ENCLOSURE: IP 67/69K (WHEN PROPERLY INSTALLED)					
OPERATING TEMPERATURE:	-25°C / +85°C					
UL CERTIFICATION:	FILE NO. E152210					
CSA CERTIFICATION:	FILE NO. LR6837					
WIRES:	22 AWG PVC	4x22 AWG PVC + 1x20 AWG PVC	24 AWG PVC	26 AWG PVC	24 AWG PVC	22 AWG PVC
WIRES' COLORS:	ACCORDING TO IEC 60947-5-2			ACCORDING TO DIN 47100		ACCORDING TO TABLE 3
L +Tol. [mm]:	300±10	300±10	300±10	300±10	1000±20	300±10
LAYOUT:						

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

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

PIN	COLOR
1	YELLOW/Gelb
2	WHITE/Weiß
3	ORANGE/Orange
4	BLUE/blau

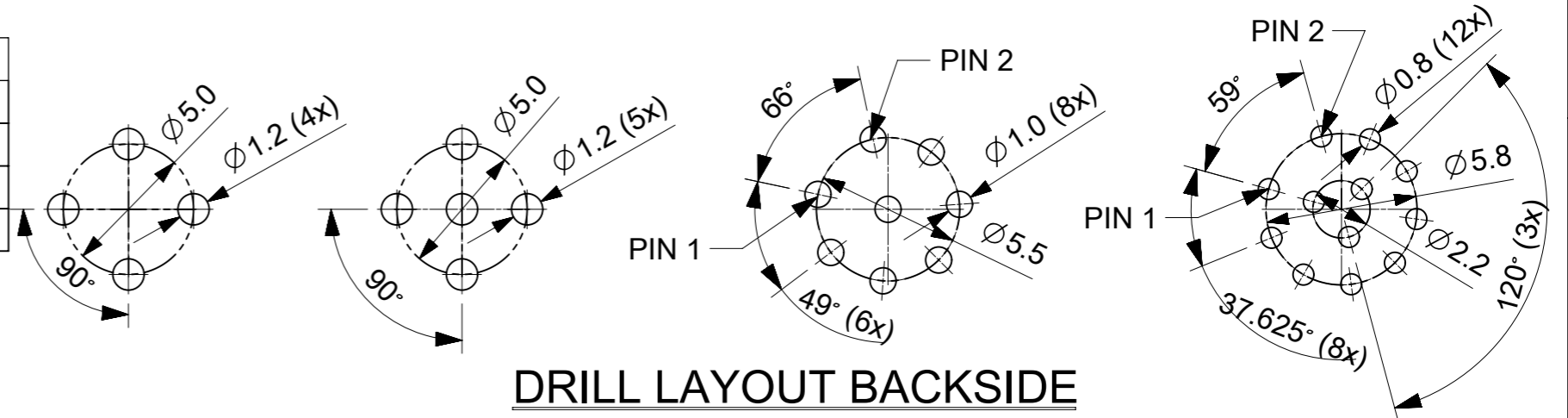


TABLE 6				
MOLEX P/N	ENGINEERING NR.	L [mm]	TOL	DESCRIPTION
1200845183	WR4W46E03C3003	300	±10	REC U12 4P AC MA 0.3M M16 BM WIR BRA AU
1200845185	WR5W46E03C3003	300	±10	REC U12 5P AC MA 0.3M M16 BM WIR BRA AU
1200845187	WR8W46E02C3003	300	±10	REC U12 8P AC MA 0.3M M16 BM WIR BRA AU
1200845188	WRCW46E01C3003	300	±10	REC U12 12P AC MA 0.3M M16 BM WIR BRA AU
1200848138	WR8W46E02M0103	1000	±20	REC U12 8P AC MA 1.0M M16 BM WIR BRA AU
1201090035	-	300	±10	REC U12 4P DC MA 0.3M M16 BM WIR BRA AU

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2017/05/18 2017/12/21 EC NO.: 169750 DRWN: FGAIK CHK'D: REV APPR: RSILLER	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	molex REC U12 XP XC MA STR XM M16 BM WIR		
	ANGULAR TOL ± 1.0 °	mm	2:1			
	4 PLACES ±	DRWN BY	DATE			
	3 PLACES ±	FGAIK	2017/05/18			
2 PLACES ± 0.05	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING			
1 PLACE ± 0.3	APPR BY	DATE				
0 PLACES ± 0.5	RSILLER	2017/12/21				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE	THIRD ANGLE PROJECTION				
A	A3		SERIES	MATERIAL NUMBER	CUSTOMER	
			120084	SEE TABLE 2	GENERAL MARKET	
			DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
			1200845183	PSD	000	2 OF 2