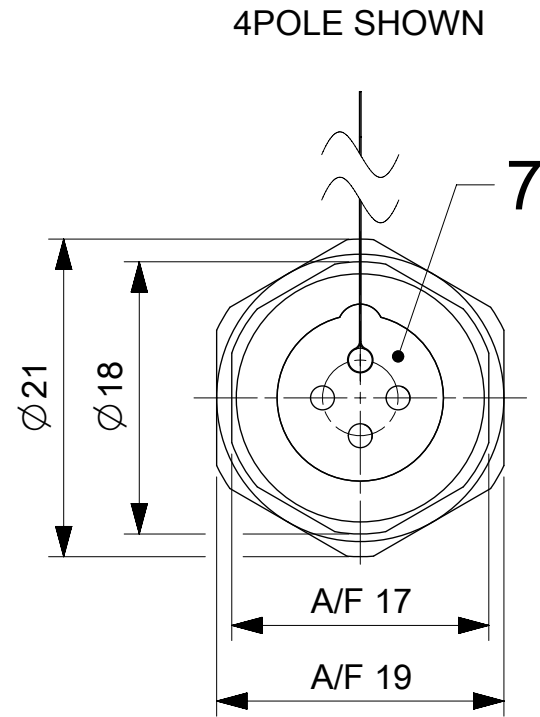
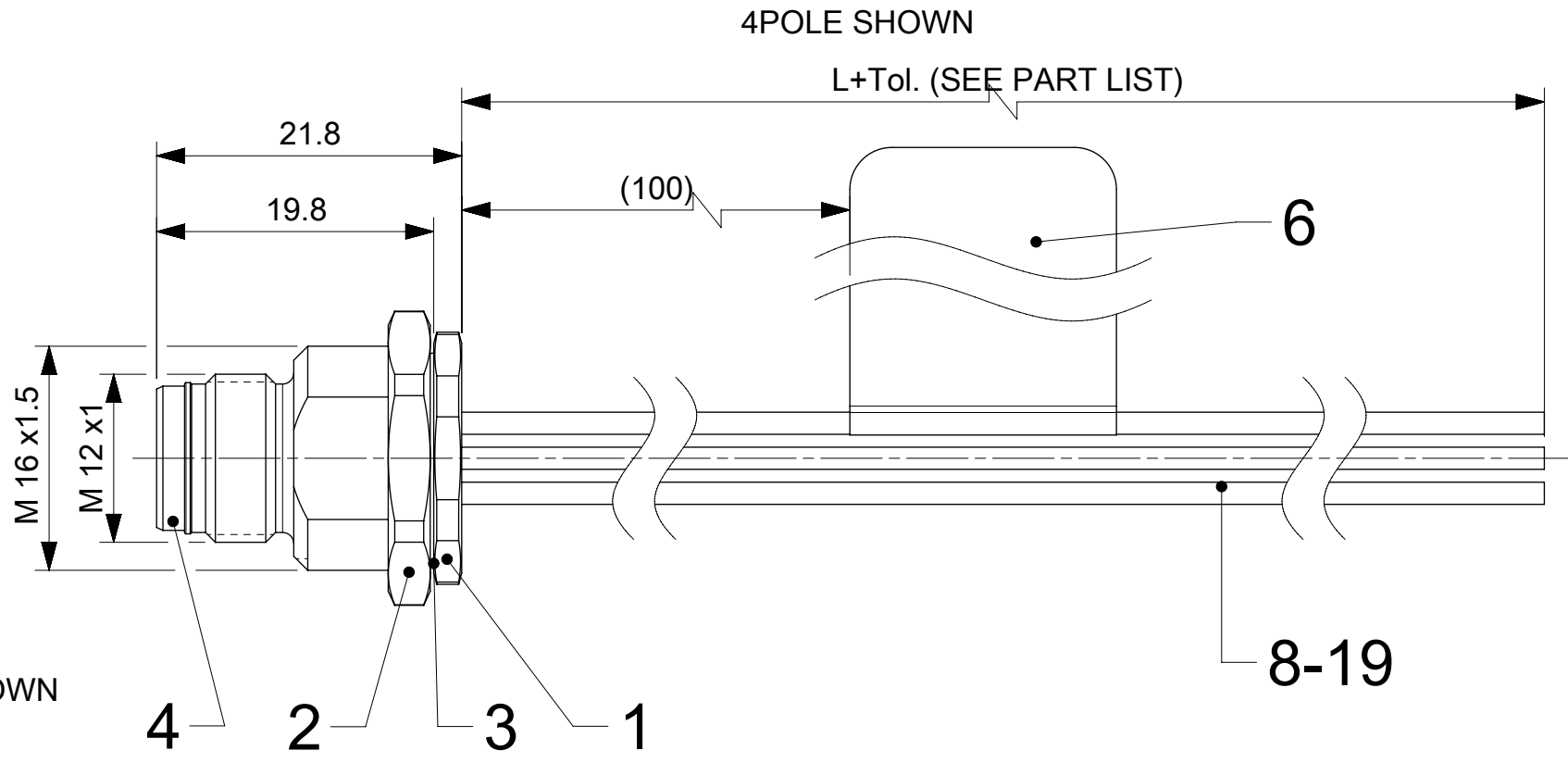
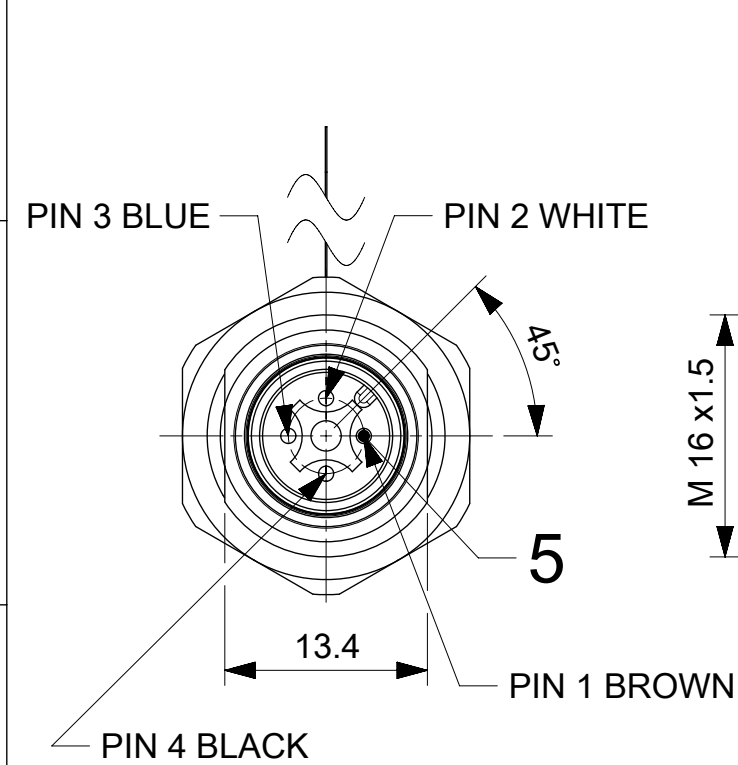
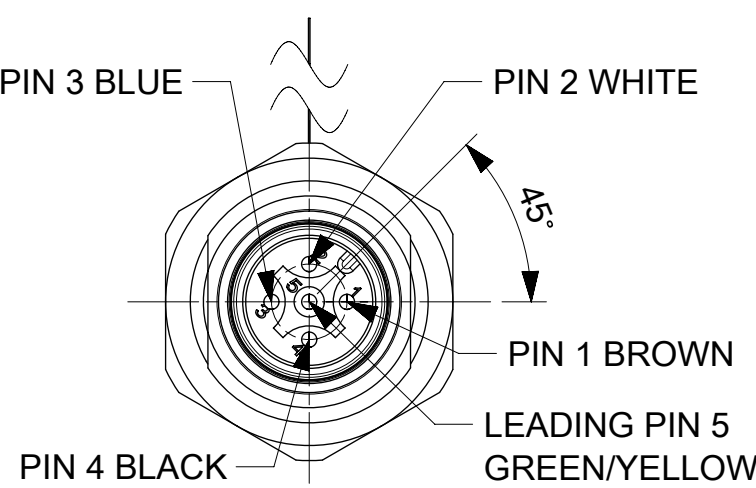


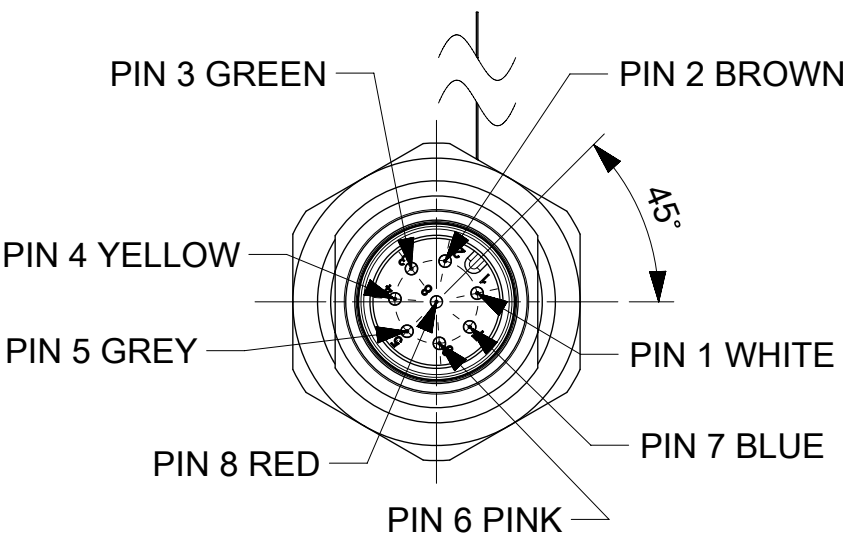
M12 4 POLE AC MALE



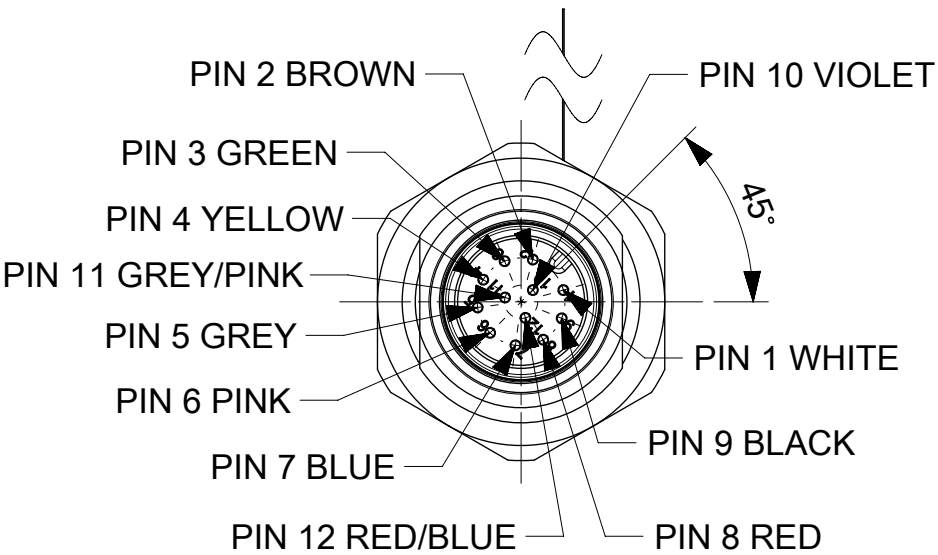
M12 5 POLE AC MALE



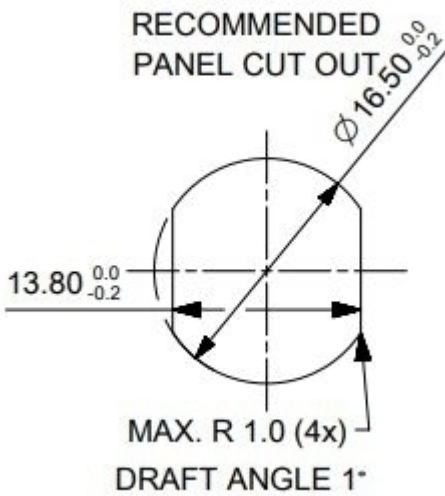
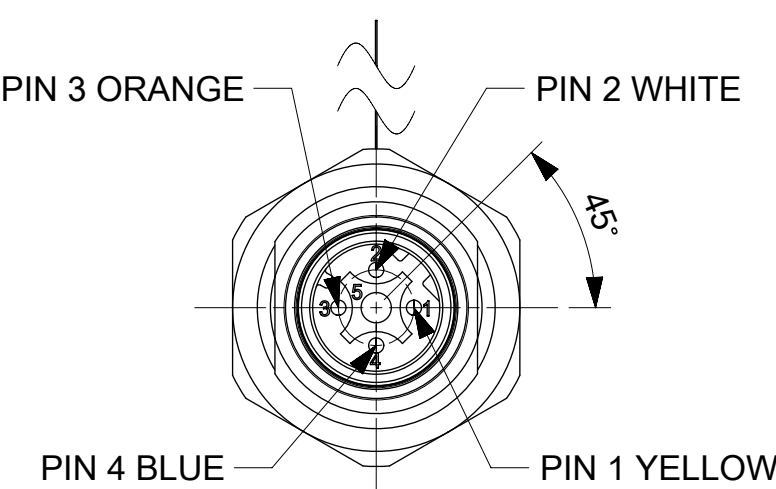
M12 8 POLE AC MALE



M12 12 POLE AC MALE



M12 4 POLE DC MALE



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	DIMENSION UNITS	SCALE
$\nabla A = 0$	mm	2:1
$\nabla E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)	
$\nabla F = 0$	ANGULAR TOL $\pm 1.0^\circ$	
DIVISIONAL SYMBOLS	4 PLACES	$\pm$
	3 PLACES	$\pm$
	2 PLACES	± 0.05
	1 PLACE	± 0.3
	0 PLACES	± 0.5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION
DRAWING		SERIES
A3-SIZE		120404
MATERIAL NUMBER		CUSTOMER
SEE PART LIST		GENERAL MARKET
SHEET NUMBER		1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/31	08:21:41
-----------------	----	--------------	------------	----------

10	9		8		7		6		5				
POLES			4 POLE		5 POLE		8 POLE		12 POLE		4 POLE		
VOLTAGE RATING			250V		60V		30V		30V		250V		
CODING			A - Code		A - Code		A - Code		A - Code		D - Code		
AMPERE RATING			4A		4A		2A		1.5A		4A		
PROTECTION CLASS CONNECTOR INTERFACE AND SHELL TO ENCLOSURE			IP 67/69K (in mated condition / when properly installed)										
OPERATING TEMP.			-40°C / +90°C										
UL/CSA CERTIFICATION			CSA FILE NO. LR6837, C'CSA'US MARK									Pending	
WIRE LEAD			0.34 mm² PVC		0.34/0.5 mm² PVC		0.25 mm² PVC		0.14 mm² PVC		0.34 mm² PVC		
PIN DIAMETER			1.0 mm		1.0 mm		0.8 mm		0.6 mm		1.0 mm		

PART LIST 4P AC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION	L [mm]	TOL. [mm]
1204040046	YR4U46E03C300	REC U12 4P AC MA PVC 0.3M M16 BM WIR BRA	300	+40
1204040050	YR4U46E03C500	REC U12 4P AC MA PVC 0.5M M16 BM WIR BRA	500	+40

PART LIST 5P AC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION	L [mm]	TOL. [mm]
1204040047	YR5U46E03C300	REC U12 5P AC MA PVC 0.3M M16 BM WIR BRA	300	+40
1204040051	YR5U46E03C500	REC U12 5P AC MA PVC 0.5M M16 BM WIR BRA	500	+40

PART LIST 8P AC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION	L [mm]	TOL. [mm]
1204040048	YR8U46E02C300	REC U12 8P AC MA PVC 0.3M M16 BM WIR BRA	300	+40
1204040052	YR8U46E02C500	REC U12 8P AC MA PVC 0.5M M16 BM WIR BRA	500	+40

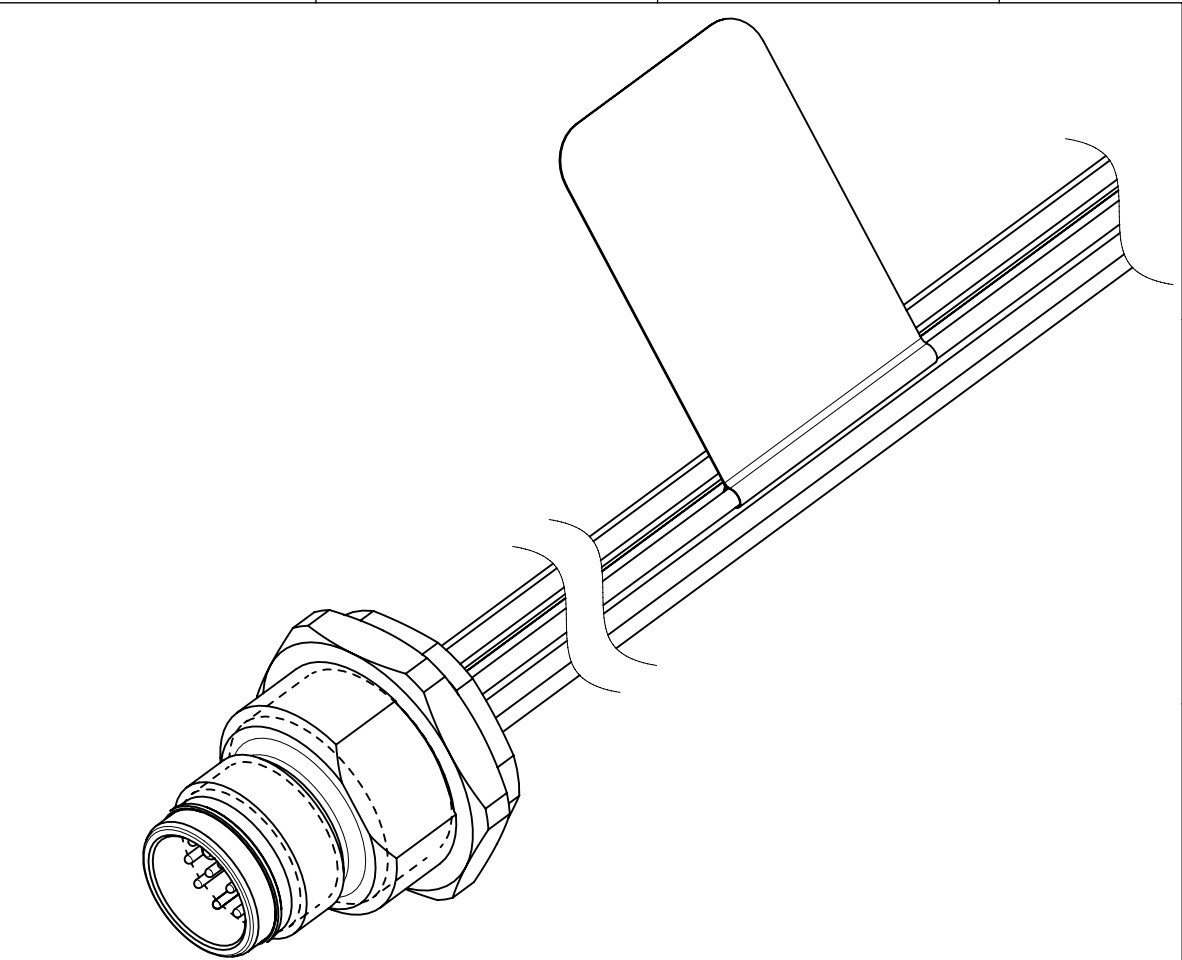
PART LIST 12P AC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION	L [mm]	TOL. [mm]
1204040049	YRCU46E01C300	REC U12 12P AC MA PVC 0.3M M16BM WIR BRA	300	+40
1204040053	YRCU46E01C500	REC U12 12P AC MA PVC 0.5M M16BM WIR BRA	500	+40

PART LIST 4P DC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION	L [mm]	TOL. [mm]
1204063007	ERYA2U46E03C300	REC U12 4P DC MA PVC 0.3M M16 BM WIR BRA	300	+40
1204063008	ERYA2U46E03C500	REC U12 4P DC MA PVC 0.5M M16 BM WIR BRA	500	+40

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/31	08:21:41
-----------------	----	--------------	------------	----------



NOTES:

- PARTS ACC. TO PRODUCT SPECIFICATION 1204000001 PS P10 AND IN STYLE OF IEC-61076-2-010
- BOM: SEE SHEET 3
- FOR THE ELECTRICAL RATINGS:
DERATING HAS TO BE CONSIDERED
OVERVOLTAGE CATEGORY: 3
POLLUTION DEGREE: 3, ONLY IN MATED AND LOCKED CONDITION
- MECHANICAL OPERATIONS: 100 CYCLES
- MATES WITH M12 FEMALE CORDSETS
- LABEL PRINTED WITH THE MOLEX AND ENGINEERING NUMBERS, VOLTS AND AMPERES, PRODUCTION DATE AND PRODUCTION ORDER NUMBER, UL/CSA MARKINGS AND COUNTRY OF ORIGIN LABEL APPLIED ON WHITE WIRE
- PACKAGING: SINGLE PACKED IN BAG AND THE BAGS IN MOLEX STANDARD CARTONS
- PANEL THICKNESS MAX. 6.2 mm.
- RECOMMENDED PANEL CUTOUT: SEE PICTURE IN SHEET 1

FUNCTIONAL SYMBOLS DIVISIONAL 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: CHANGED MIN. TEMP. IN TABLE			molex							
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	4 PLACES		±					EC NO: 736602			REC U12 XP XC MA PVC XM M16 BM WIR SE BRA AU				
	3 PLACES		±		DRWN: RSCHIEBER 2023/01/30										
	2 PLACES		± 0.05		CHK'D: RSILLER 2023/01/31										
	1 PLACE		± 0.3		APPR: RSILLER 2023/01/31			PRODUCT CUSTOMER DRAWING							
	0 PLACES		± 0.5		INITIAL REVISION:										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				A3-SIZE		120404		1204040046		PSD		000		A2	
								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
								SEE PART LIST		GENERAL MARKET		2 OF 3			

