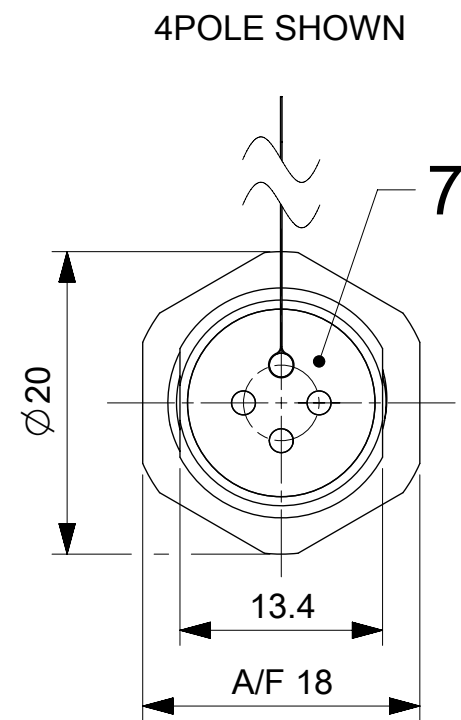
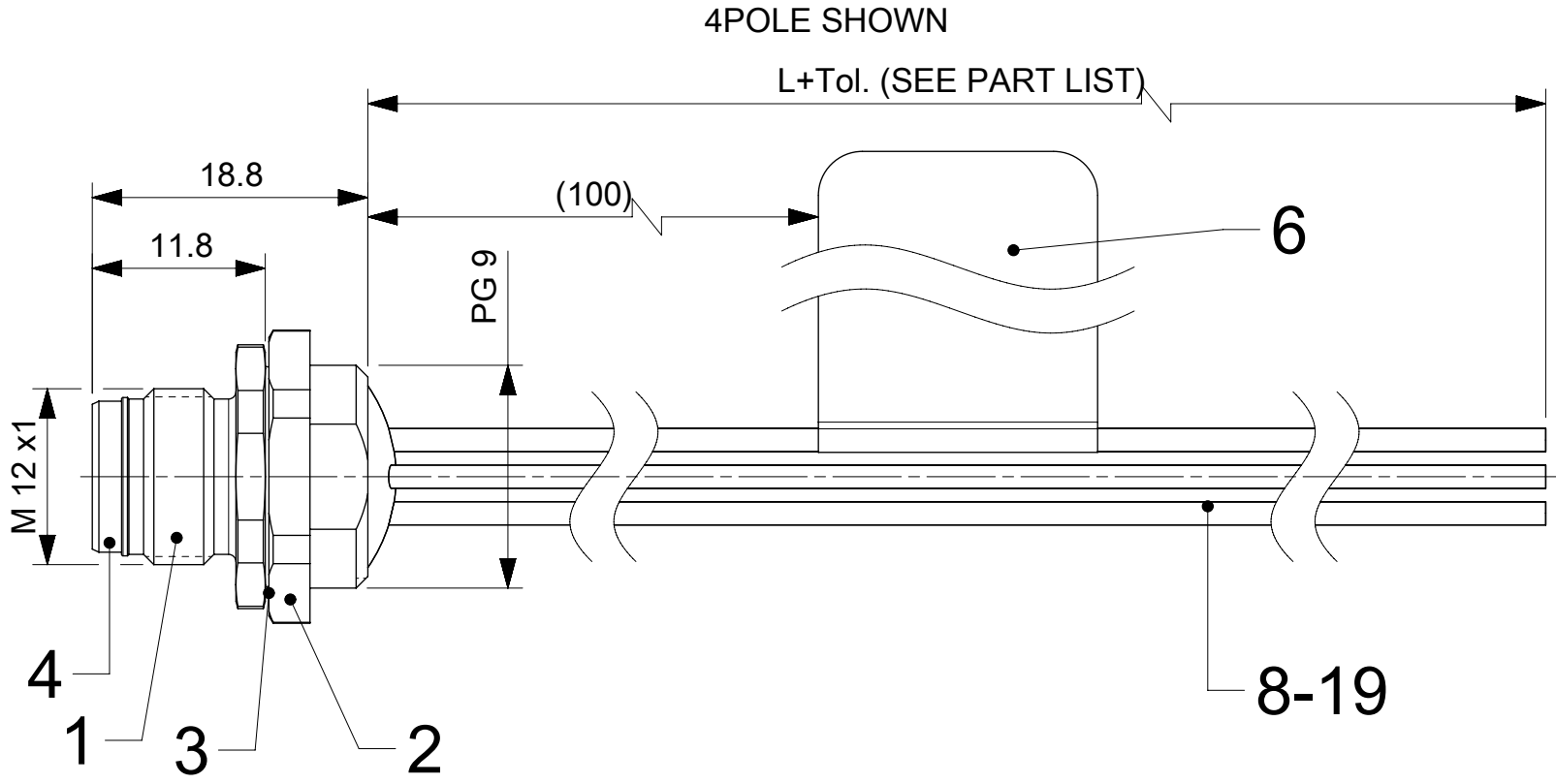
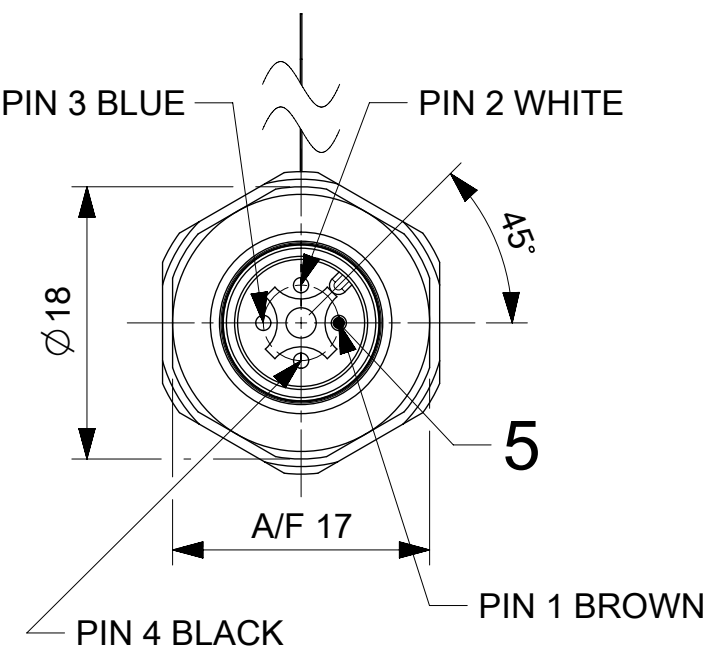
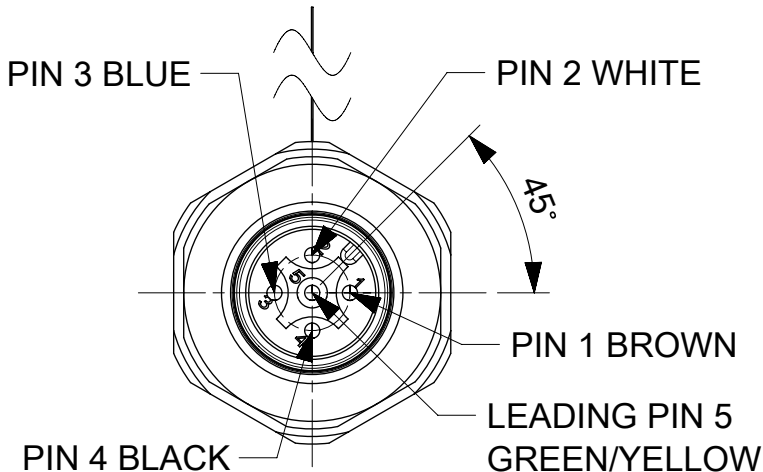


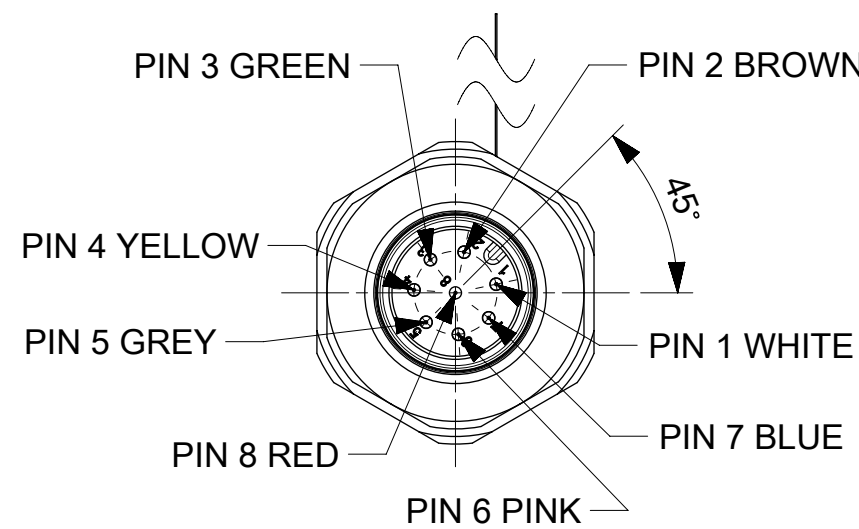
M12 4 POLE AC MALE



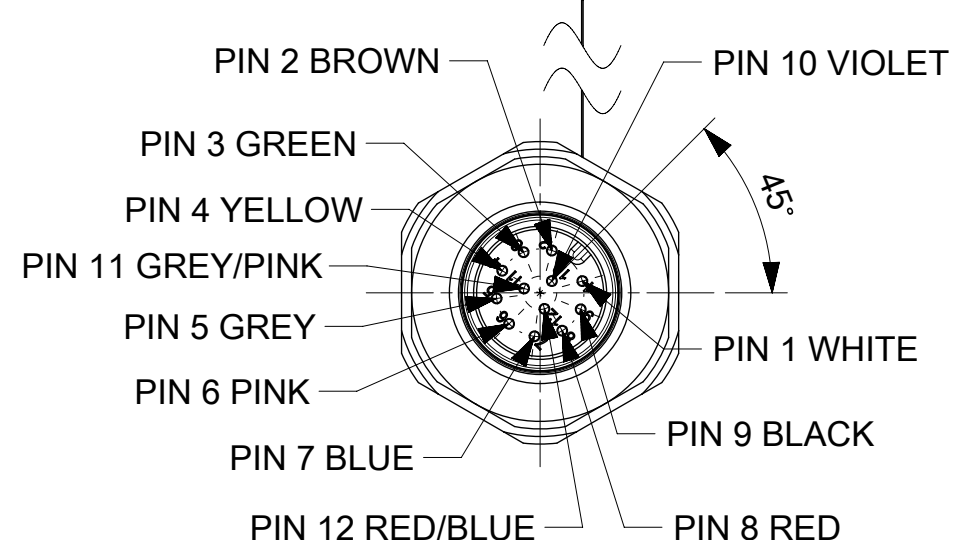
M12 5 POLE AC MALE



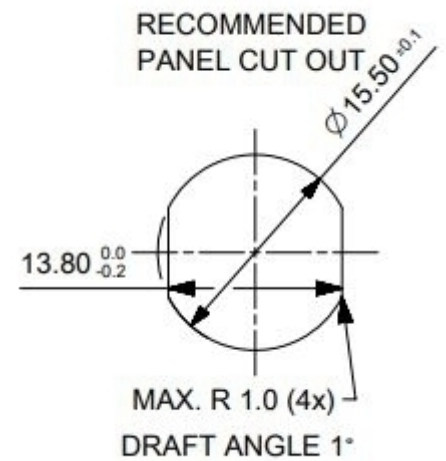
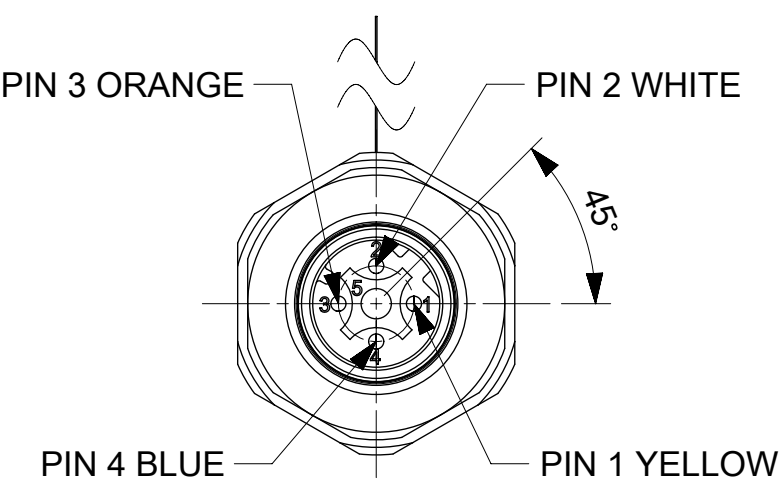
M12 8 POLE AC MALE



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
$\nabla_F = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)	
$\nabla_P = 0$	ANGULAR TOL ± 1.0°	
DIVISIONAL SYMBOLS	4 PLACES	± 0.0
	3 PLACES	± 0.0
	2 PLACES	± 0.05
	1 PLACE	± 0.3
	0 PLACES	± 0.5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION
		DRAWING
		SERIES
		MATERIAL NUMBER
		CUSTOMER
		SHEET NUMBER

EC NO: 736602	2023/01/30	molex	
DRWN: RSCHIEBER	2023/01/31		
CHK'D: RSILLER	2023/01/31	REC U12 XP XC MA PVC XM PG9 FM WIR SE BRA AU	
APPR: RSILLER	2023/01/31	PRODUCT CUSTOMER DRAWING	
INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE
DRWN: JELIZAINCIN		1204040058	PSD
APPR: RSILLER		000	A2
		SEE PART LIST	GENERAL MARKET
		1 OF 3	

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 mm ² PVC		0.34/0.5 mm ² PVC		0.25 mm ² PVC		0.14 mm ² PVC		0.34 mm ² 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]
1204040058	YR4J26E03C300	REC U12 4P AC MA PVC 0.3M PG9 FM WIR BRA	300	+40
1204040062	YR4J26E03C500	REC U12 4P AC MA PVC 0.5M PG9 FM WIR BRA	500	+40

PART LIST 5P AC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION	L [mm]	TOL. [mm]
1204040059	YR5J26E03C300	REC U12 5P AC MA PVC 0.3M PG9 FM WIR BRA	300	+40
1204040063	YR5J26E03C500	REC U12 5P AC MA PVC 0.5M PG9 FM WIR BRA	500	+40

PART LIST 8P AC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION	L [mm]	TOL. [mm]
1204040060	YR8J26E02C300	REC U12 8P AC MA PVC 0.3M PG9 FM WIR BRA	300	+40
1204040064	YR8J26E02C500	REC U12 8P AC MA PVC 0.5M PG9 FM WIR BRA	500	+40

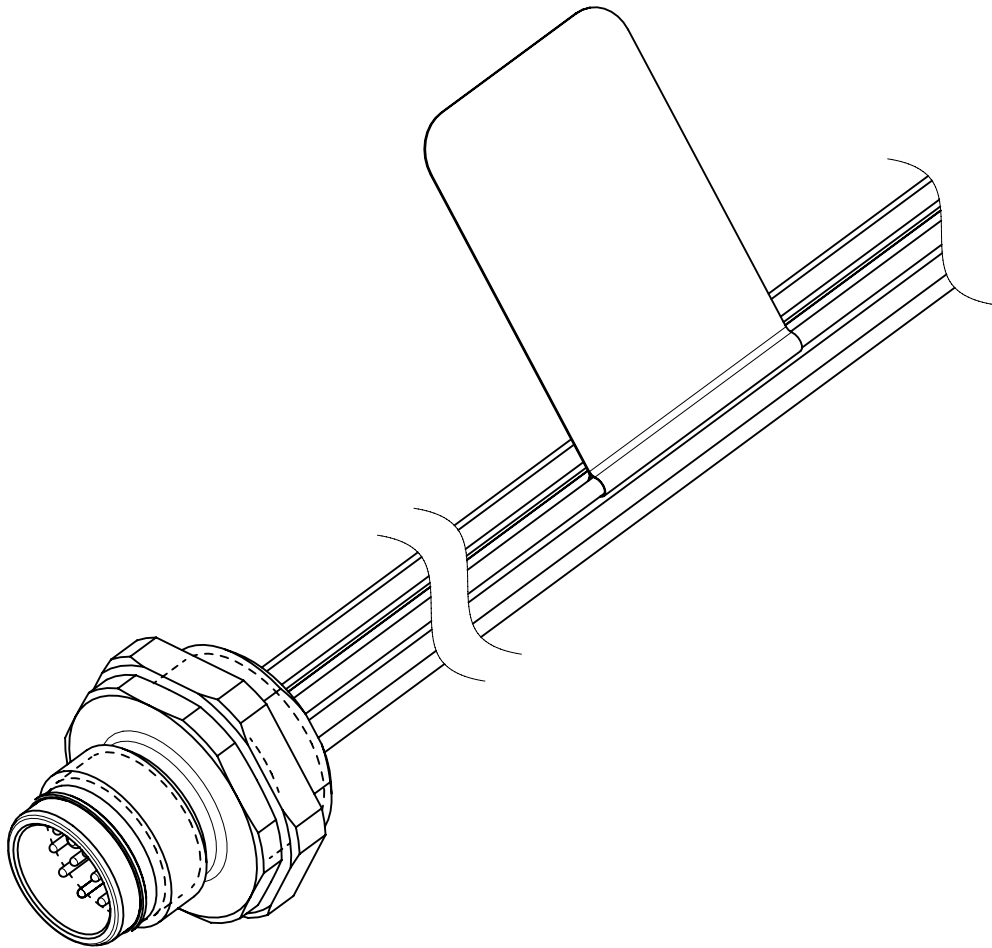
PART LIST 12P AC

MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION	L [mm]	TOL. [mm]
1204040061	YRCJ26E01C300	REC U12 12P AC MA PVC 0.3M PG9FM WIR BRA	300	+40
1204040065	YRCJ26E01C500	REC U12 12P AC MA PVC 0.5M PG9FM WIR BRA	500	+40

PART LIST 4P DC

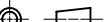
MOLEX P/N	ENGINEERING NUMBER	DESCRIPTION	L [mm]	TOL. [mm]
1204063009	ERYA2J26E03C300	REC U12 4P DC MA PVC 0.3M PG9 FM WIR BRA	300	+40
1204063010	ERYA2J26E03C500	REC U12 4P DC MA PVC 0.5M PG9 FM WIR BRA	500	+40

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/31	08:21:42
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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. 4.0 mm.
- RECOMMENDED PANEL CUTOUT: SEE PICTURE IN SHEET 1

FUNCTIONAL SYMBOLS FA= 0 FE= 0 FF= 0 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 °				EC NO: 736602 DRWN: RSCHIEBER 2023/01/30 CHK'D: RSILLER 2023/01/31 APPR: RSILLER 2023/01/31			REC U12 XP XC MA PVC XM PG9 FM WIR SE BRA AU									
	4 PLACES ± 0.0																
	3 PLACES ± 0.0																
	2 PLACES ± 0.05		INITIAL REVISION: DRWN: JELIZAINCIN 2021/11/29 APPR: RSILLER 2022/07/14			PRODUCT CUSTOMER DRAWING											
	1 PLACE ± 0.3																
	0 PLACES ± 0.5																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		120404		1204040058		PSD		000		A2	
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										SEE PART LIST		GENERAL MARKET		2 OF 3			

