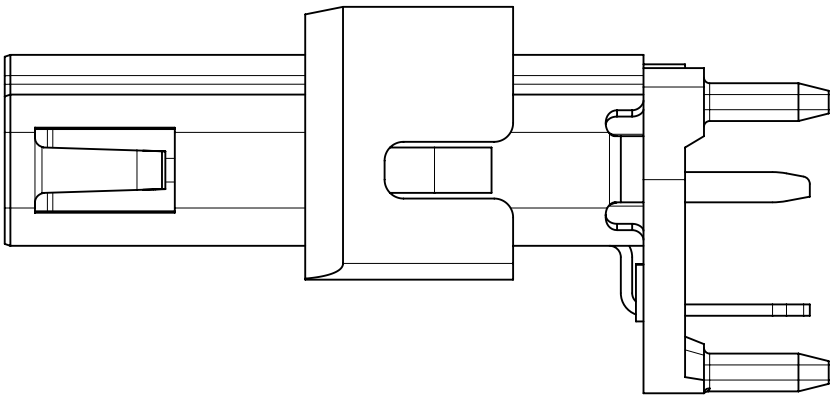
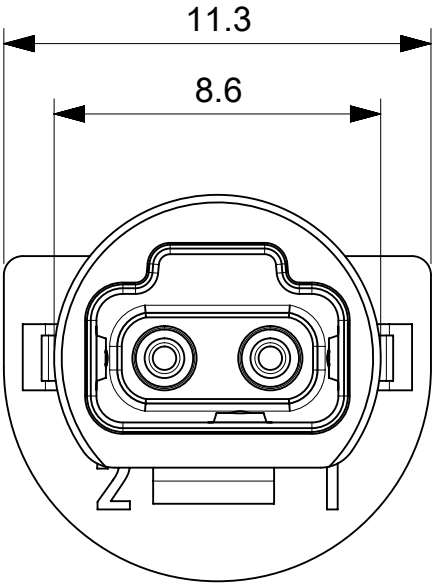
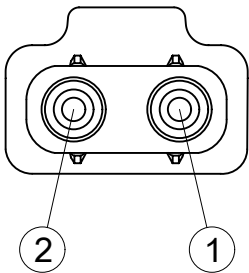
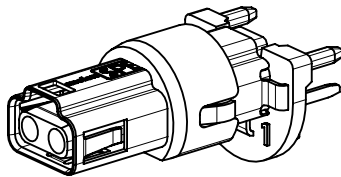
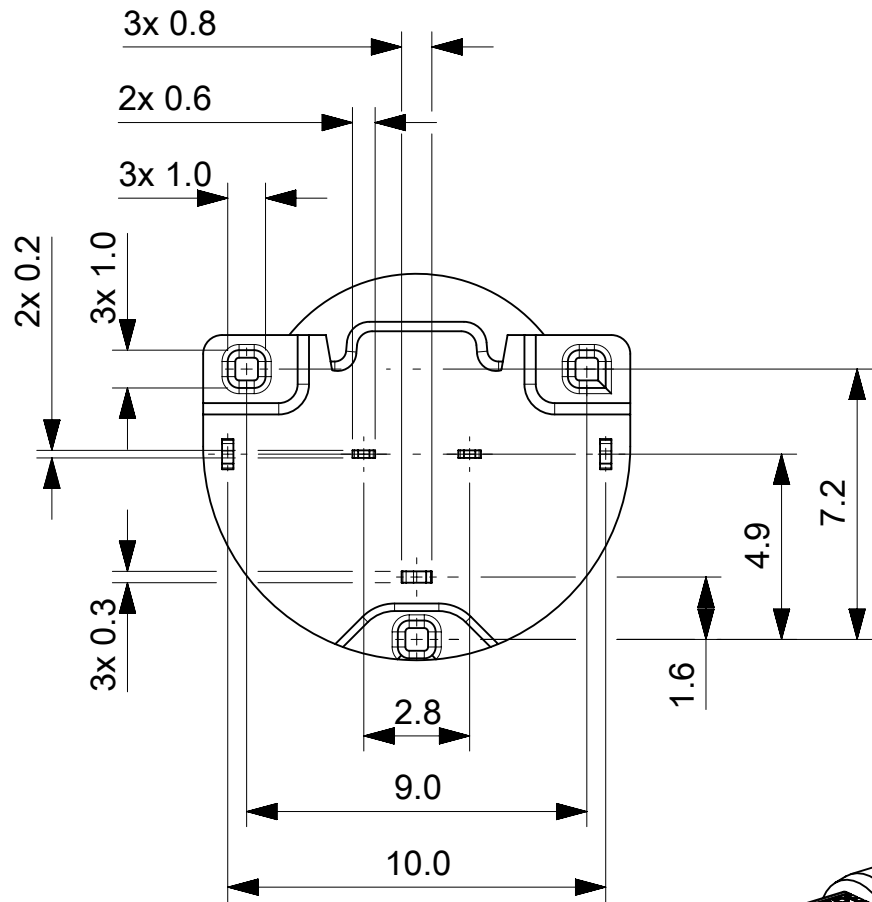
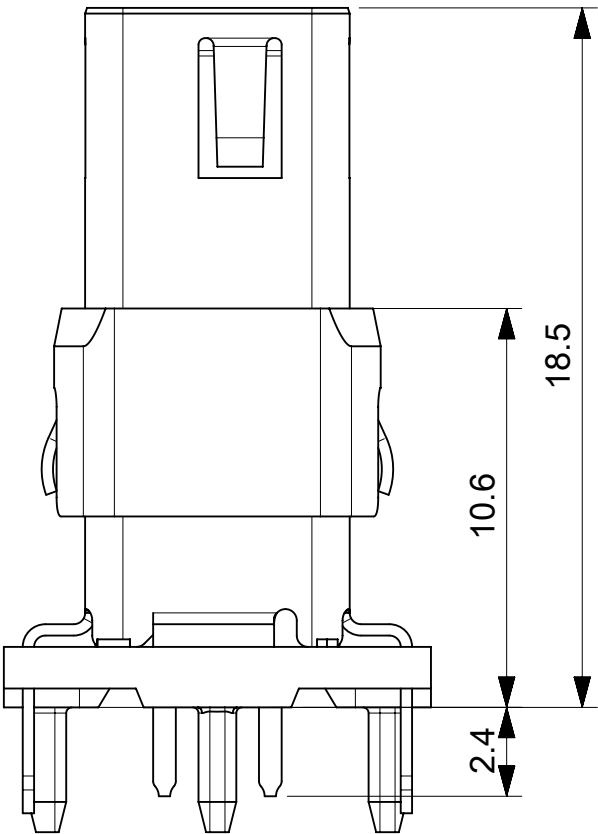
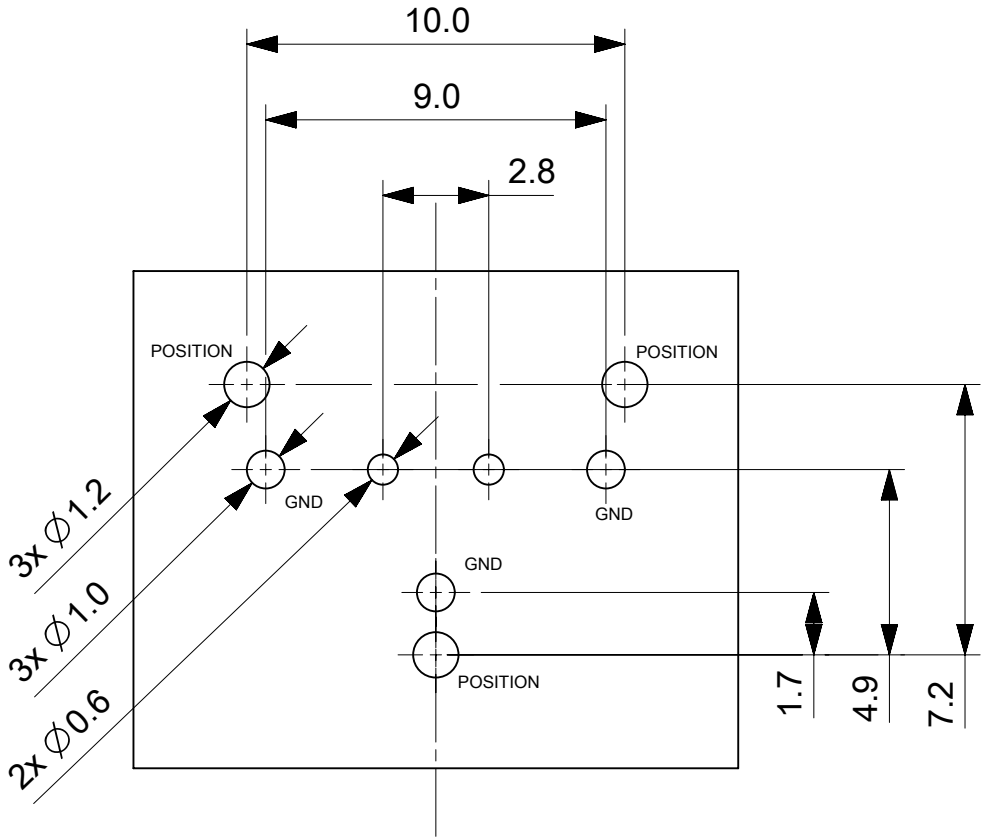


SPE FEMALE
FRONT VIEW



PCB LAYOUT TOP VIEW

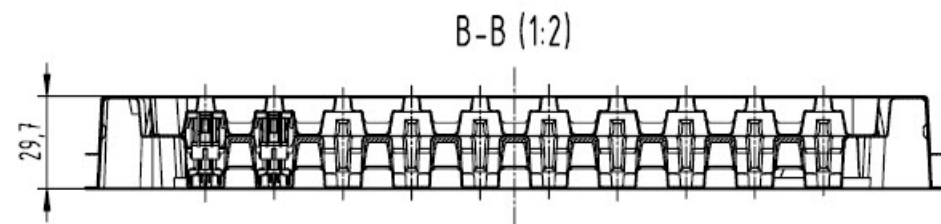


- NOTES:
1. VOLTAGE: 60 V AC
 2. CURRENT: 4 A AC
 3. DATA RATE: 10 Mbit/s // 100 Mbit/s // 1 Gbit/s // 2,5 Gbit/s 5 Gbit/s / 10 Gbit/s
 4. STATIC TEMPERATURE: -40 °C TO 80 °C
 5. DYNAMIC TEMPERATURE: -25 °C TO 80 °C
 6. MATING CYCLES: 1000
 7. PROTECTION: IP67
 8. PACKAGING IN TRAY WITH 50PCS
 9. DESIGNED ACC.
IEC63171-6
IEEE 802.3bu
IEEE 802.3cg
IEEE 802.3bw
IEEE 802.3bp
IEEE 802.3ch

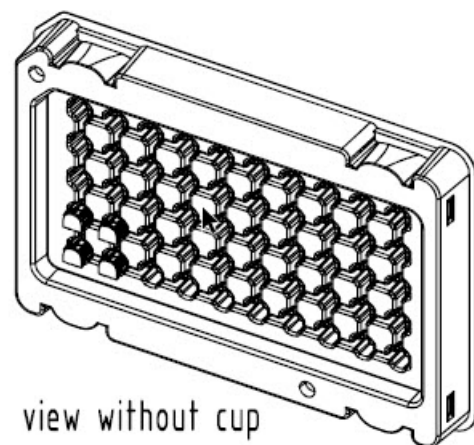
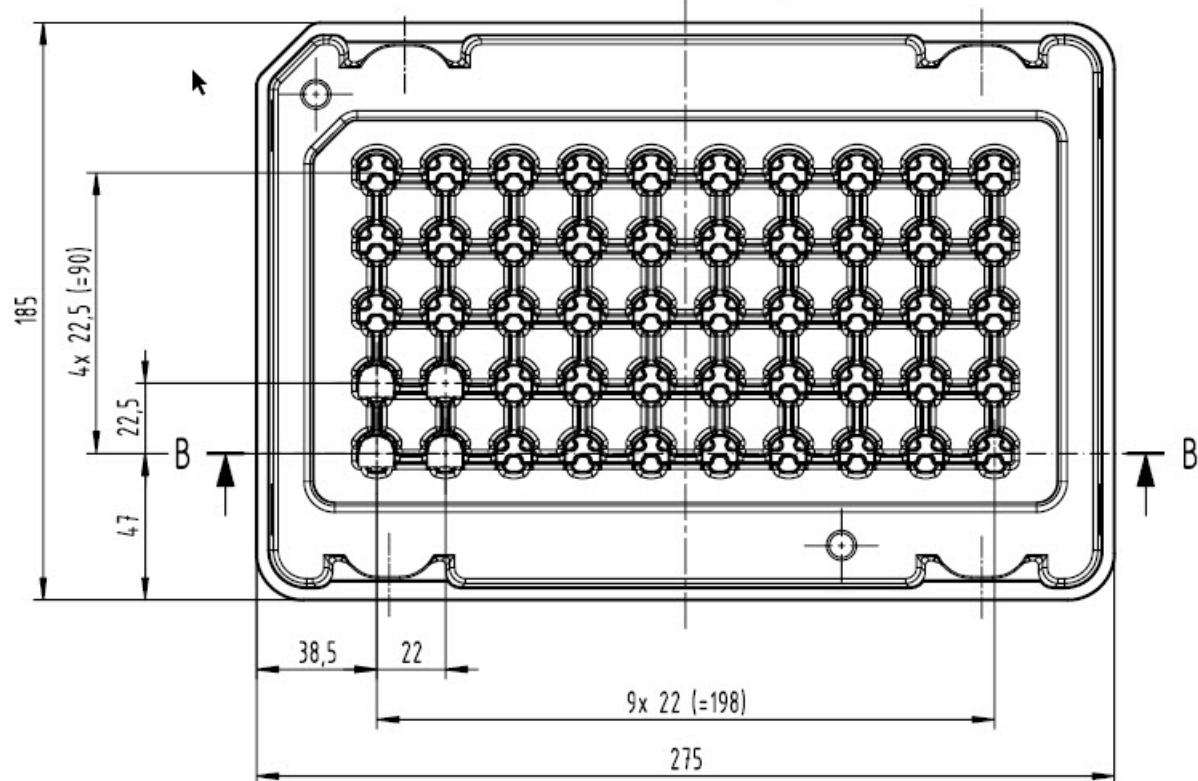
CONTACT	SIGNAL
1	BL_DA+
2	BL_DA-

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		CURRENT REV DESC: ADD PACKAGING INFORMATION		molex				
▽_A = 0	mm	5:1									
▽_E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 770582		2023/12/04		PCB JACK M12 STRAIGHT 8 MM				
▽_F = 0	ANGULAR TOL ± 1.0 °										
DIVISIONAL SYMBOLS	4 PLACES	±	DRWN: MBLOESER		2023/12/04		PRODUCT CUSTOMER DRAWING				
	3 PLACES	±	CHK'D: RSILLER		2023/12/05						
	2 PLACES	± 0.05	APPR: RSILLER		2023/12/05						
	1 PLACE	± 0.1	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	0 PLACES	± 0.2	DRWN: MBLOESER		2022/09/22		2209570005		PSD	000	A1
		APPR: THAERDT		2022/11/02							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER		
				A3-SIZE	220957	2209570005	GENERAL MARKET		1 OF 2		

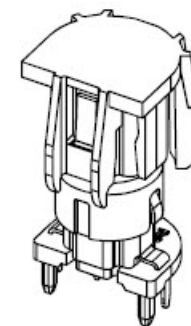
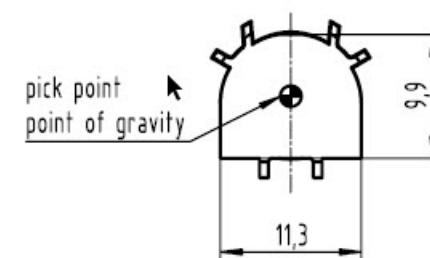
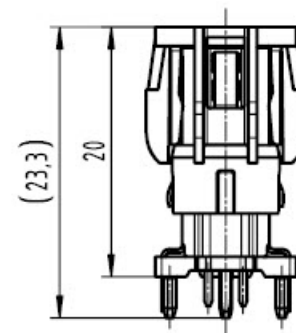
DOCUMENT STATUS	P1	RELEASE DATE	2023/12/05	16:21:30
-----------------	----	--------------	------------	----------



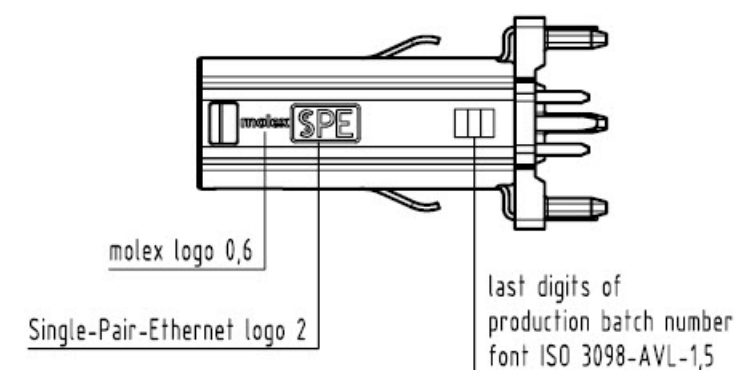
(1:2)
view without cup



view without cup



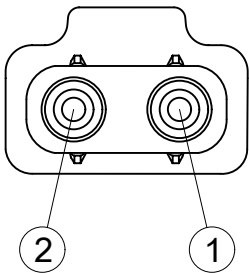
(3:1)
laser printing



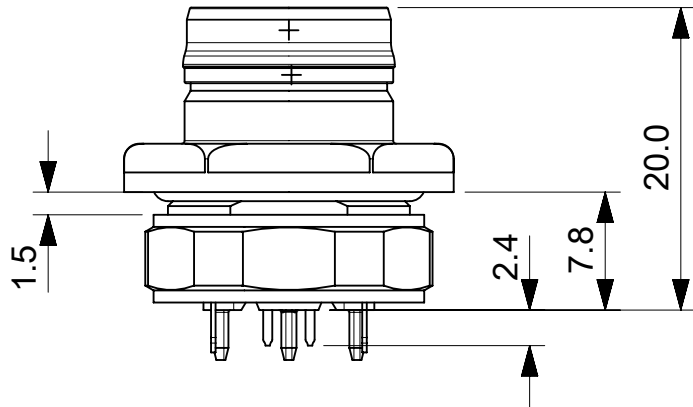
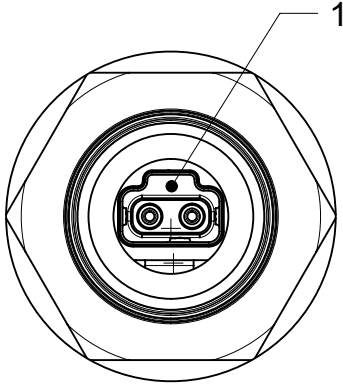
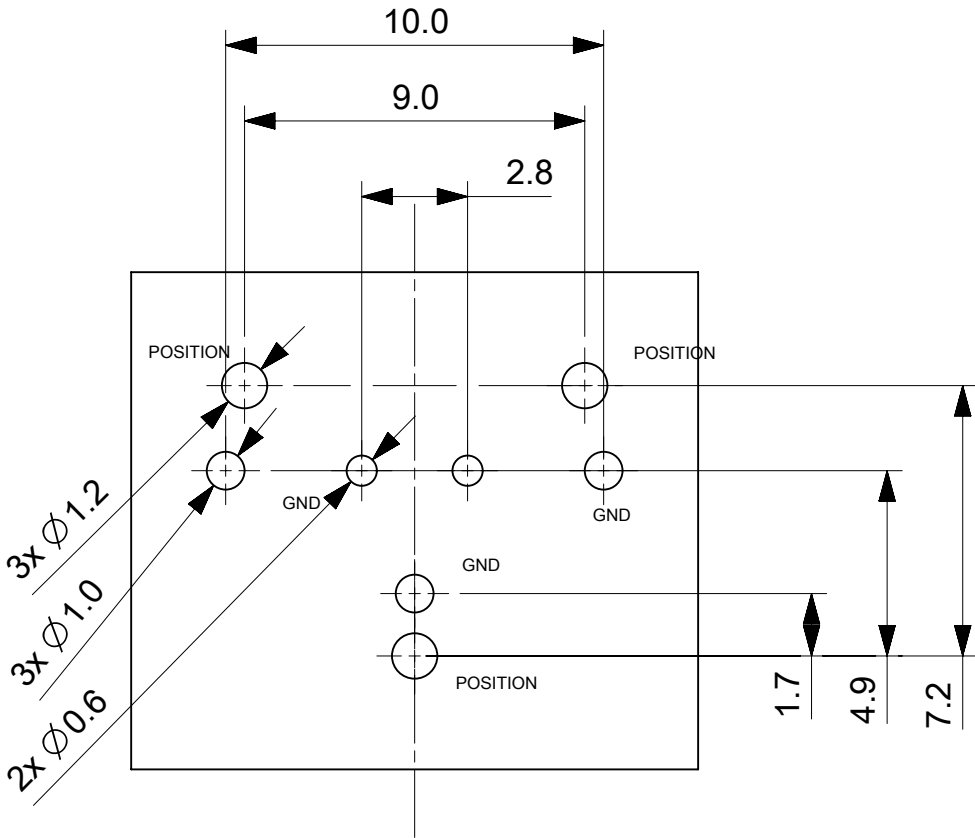
50 pcs per tray

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	CURRENT REV DESC: ADD PACKAGING INFORMATION			molex			
	mm	1:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 1.0°									
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 770582 DRWN: MBLOESER 2023/12/04 CHK'D: RSILLER 2023/12/05 APPR: RSILLER 2023/12/05 INITIAL REVISION: DRWN: MBLOESER 2022/09/22 APPR: THAERDT 2022/11/02				PCB JACK M12 STRAIGHT 8 MM			
	3 PLACES	±								
	2 PLACES	± 0.05								
	1 PLACE	± 0.1				PRODUCT CUSTOMER DRAWING				
	0 PLACES	± 0.2								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
				A3-SIZE	220957			GENERAL MARKET	2 OF 2	

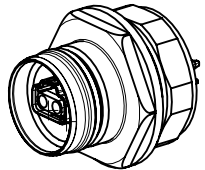
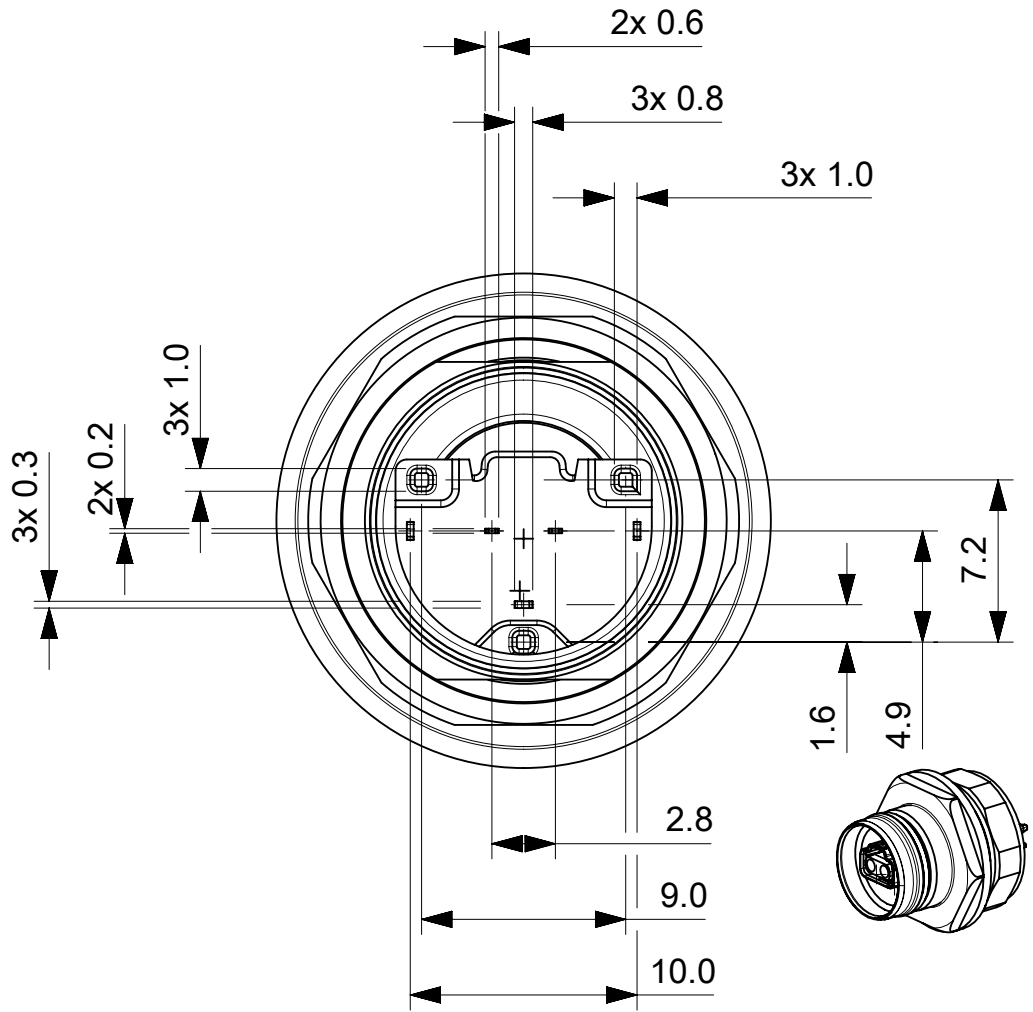
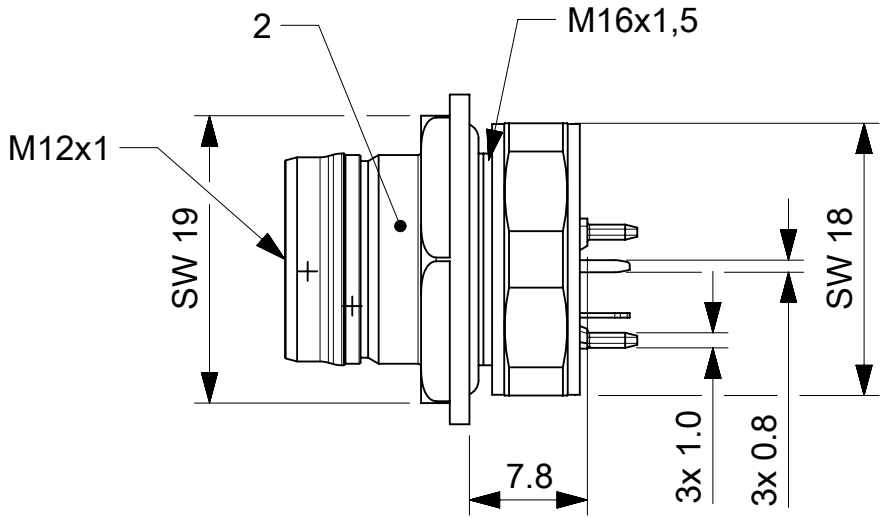
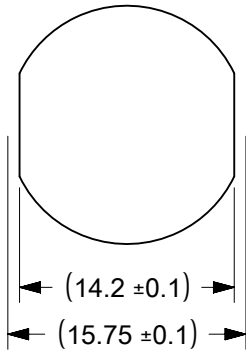
SPE FEMALE
FRONT VIEW



PCB LAYOUT TOP VIEW



RECOMMENDED PANEL CUTOUT



- NOTES:
- VOLTAGE: 60 V AC
 - CURRENT: 4 A AC
 - DATA RATE: 10 Mbit/s // 100 Mbit/s // 1 Gbit/s // 2,5 Gbit/s 5 Gbit/s / 10 Gbit/s
 - STATIC TEMPERATURE: -40 °C TO 80 °C
 - DYNAMIC TEMPERATURE: -25 °C TO 80 °C
 - MATING CYCLES: 1000
 - PROTECTION: IP67
 - PACKAGING AS KIT
 - DESIGNED ACC.
IEC63171-6
IEEE 802.3bu
IEEE 802.3cg
IEEE 802.3bw
IEEE 802.3bp
IEEE 802.3ch

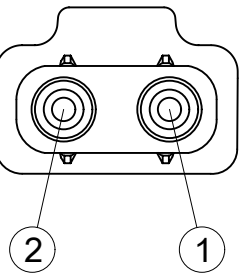
BILL OF MATERIAL

ITEM	QTY	MOLEX PN	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	2209570005	PCB JACK M12 STRAIGHT 8MM	METAL	GREEN
2	1	2209570012	SHELL M12 FRONT MOUNTED	BRASS	Ni

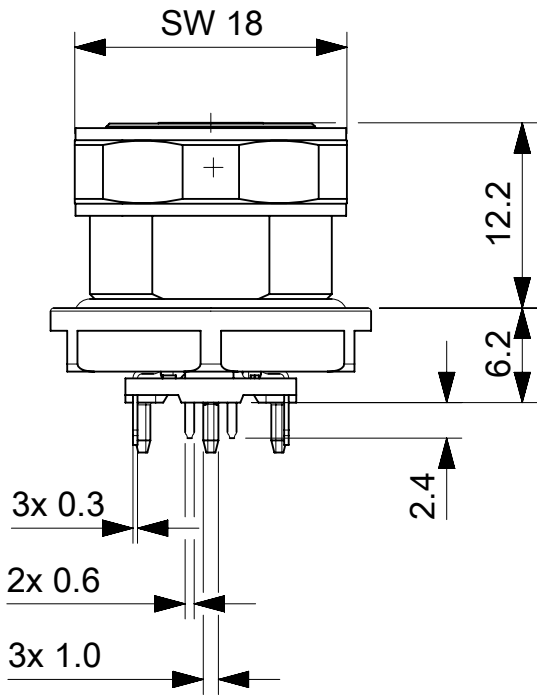
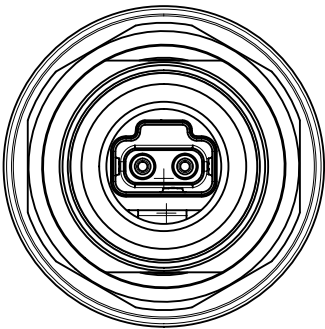
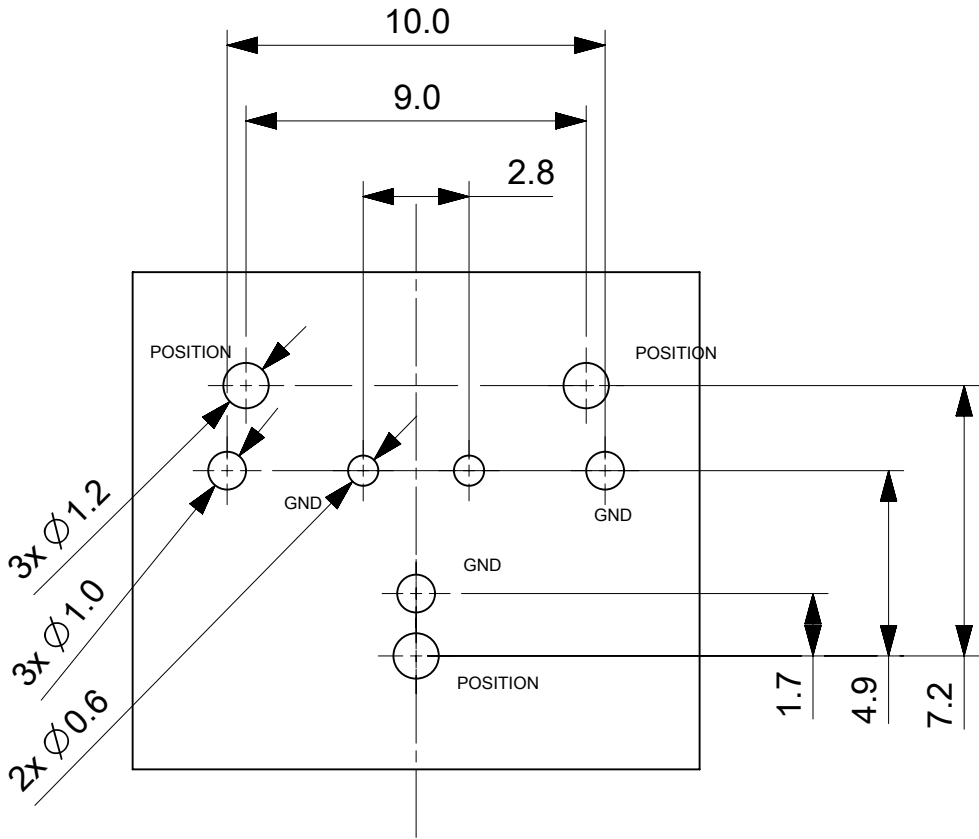
CONTACT	SIGNAL
1	BL_DA+
2	BL_DA-

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
F A = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex					
	mm		2:1										
	F E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 726259			PCB JACK M12 STRAIGHT 8MM FRONT MOUNTED				
(UNLESS SPECIFIED)													
F P = 0	ANGULAR TOL ± 1.0 °				DRWN: MBLOESER 2022/11/02								
4 PLACES ±													
DIVISIONAL SYMBOLS	3 PLACES ±				CHK'D: THAERDT 2022/11/02								
	2 PLACES ± 0.05												
	1 PLACE ± 0.1				APPR: THAERDT 2022/11/02								
	0 PLACES ± 0.2												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION:			PRODUCT CUSTOMER DRAWING					
				DRWN: MBLOESER 2022/09/23			DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
				APPR: THAERDT 2022/11/02			2209570006			PSD	000	A	
				THIRD ANGLE PROJECTION			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
				DRAWING		SERIES		2209570006		GENERAL MARKET		1 OF 1	
				A3-SIZE		220957							

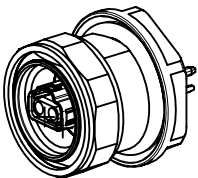
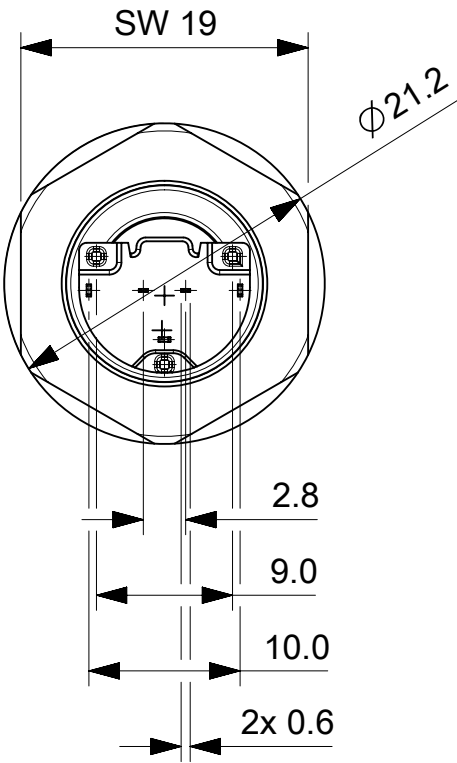
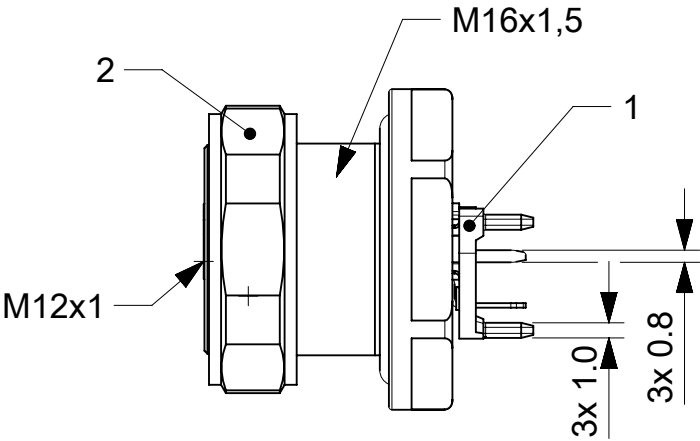
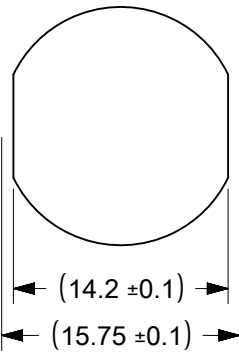
SPE FEMALE
FRONT VIEW



PCB LAYOUT TOP VIEW



RECOMMENDED PANEL CUTOUT



- NOTES:
- 1. VOLTAGE: 60 V AC
 - 2. CURRENT: 4 A AC
 - 3. DATA RATE: 10 Mbit/s // 100 Mbit/s // 1 Gbit/s // 2,5 Gbit/s 5 Gbit/s / 10 Gbit/s
 - 4. STATIC TEMPERATURE: -40 °C TO 80 °C
 - 5. DYNAMIC TEMPERATURE: -25 °C TO 80 °C
 - 6. MATING CYCLES: 1000
 - 7. PROTECTION: IP67
 - 8. PACKAGING AS KIT
 - 9. DESIGNED ACC.
IEC63171-6
IEEE 802.3bu
IEEE 802.3cg
IEEE 802.3bw
IEEE 802.3bp
IEEE 802.3ch

BILL OF MATERIAL

ITEM	QTY	MOLEX PN	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	2209570005	PCB JACK M12 STRAIGHT 8MM	METAL	GREEN
2	1	2209570011	SHELL M12 BACK MOUNTED	BRASS	Ni

CONTACT	SIGNAL
1	BL_DA+
2	BL_DA-

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		CURRENT REV DESC:			molex					
	mm		2:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± 1.0 °												
	E/A = 0	4 PLACES	±	EC NO: 726259 DRWN: MBLOESER CHK'D: THAERDT APPR: THAERDT			2022/11/02 2022/11/02 2022/11/02						
	E/B = 0	3 PLACES	±										
	E/C = 0	2 PLACES	± 0.05										
	DIVISIONAL SYMBOLS		1 PLACE							± 0.1			
			0 PLACES	± 0.2	INITIAL REVISION: DRWN: MBLOESER APPR: THAERDT			2022/10/13 2022/11/02					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING							SERIES		
				A3-SIZE							220957		
					MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				
					2209570007		GENERAL MARKET		1 OF 1				