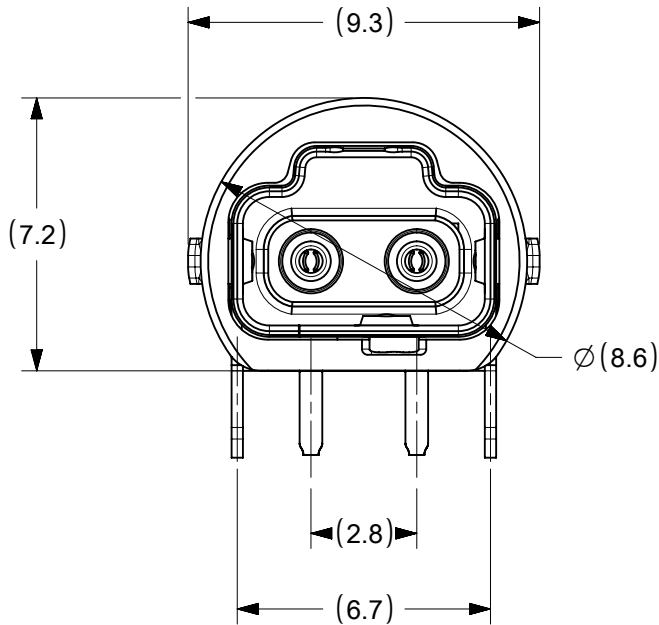
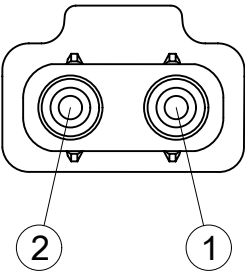
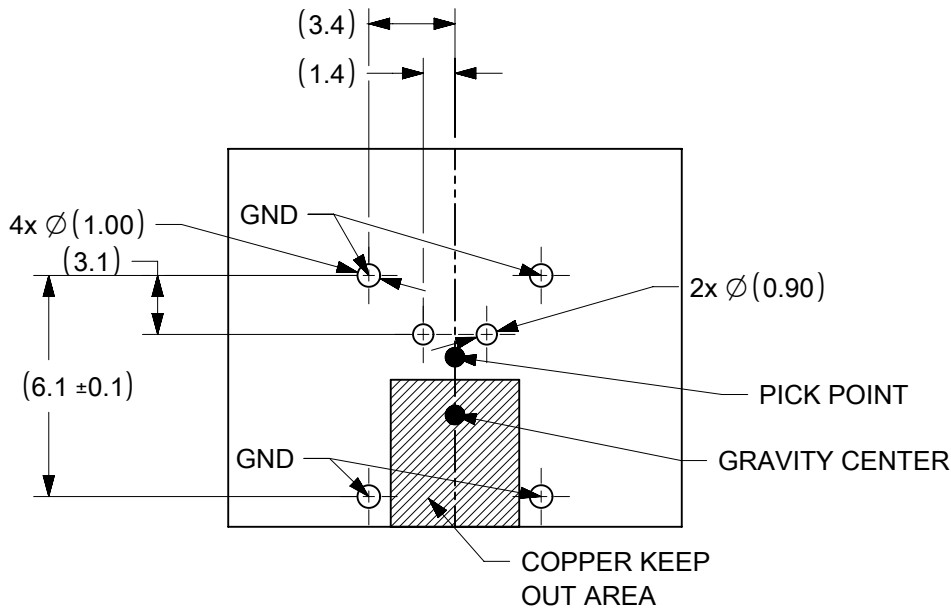


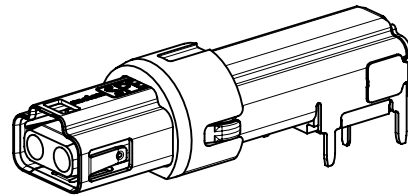
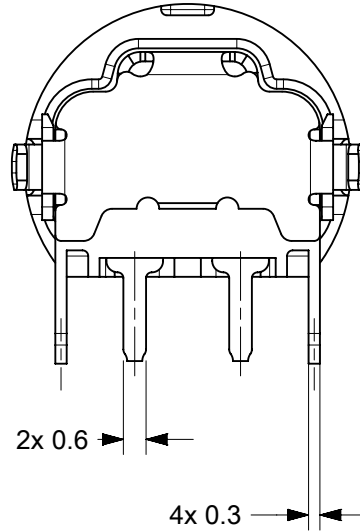
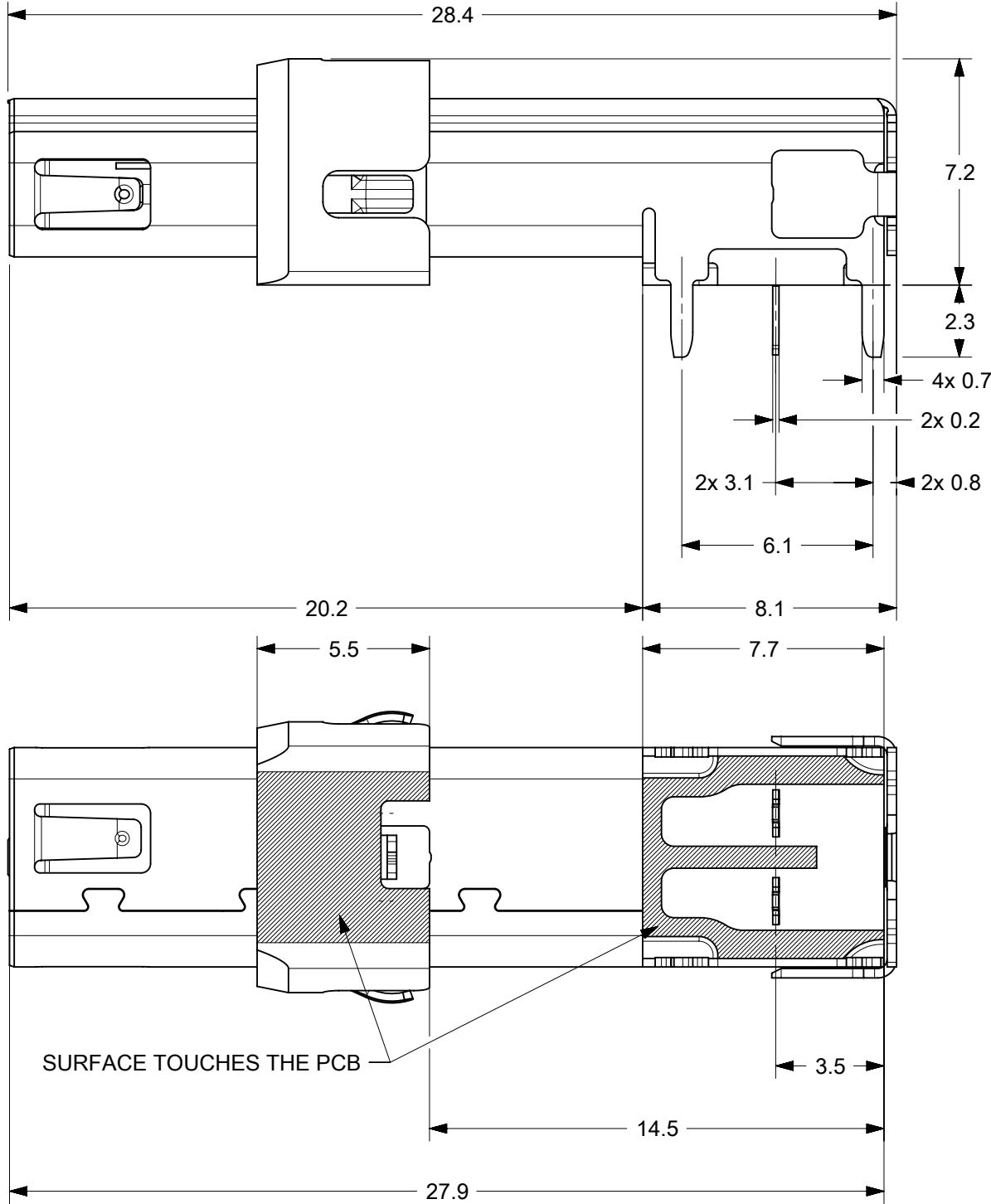
SPE FEMALE
FRONT VIEW



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: IP20
 8. PACKAGING IN 24 mm REEL WITH PITCH 16 mm (POCKET DEPTH 9,55 mm)
 9. PACKAGING REEL HOLDS 350PCS (330 mm WHEEL)
 10. 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 PCB JACK SPE M12 ANGLED				
mm		5:1		EC NO: 770582 DRWN: MBLOESER 2023/12/04 CHK'D: RSILLER 2023/12/05 APPR: RSILLER 2023/12/05 INITIAL REVISION: DRWN: MBLOESER 2022/08/22 APPR: THAERDT 2022/11/02								
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL ± 1.0 °												
4 PLACES		±						PRODUCT CUSTOMER DRAWING				
3 PLACES		±										
2 PLACES		± 0.05										
1 PLACE		± 0.1										
0 PLACES		± 0.2						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				B-SIZE		220957		2209750002		GENERAL MARKET		1 OF 2
								2209570002				A1

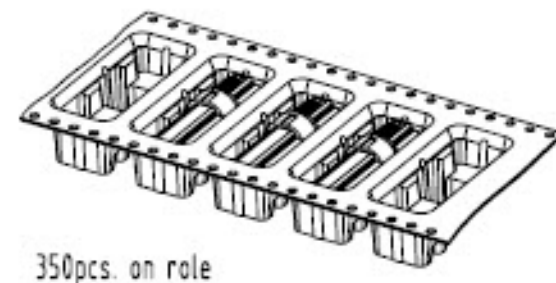
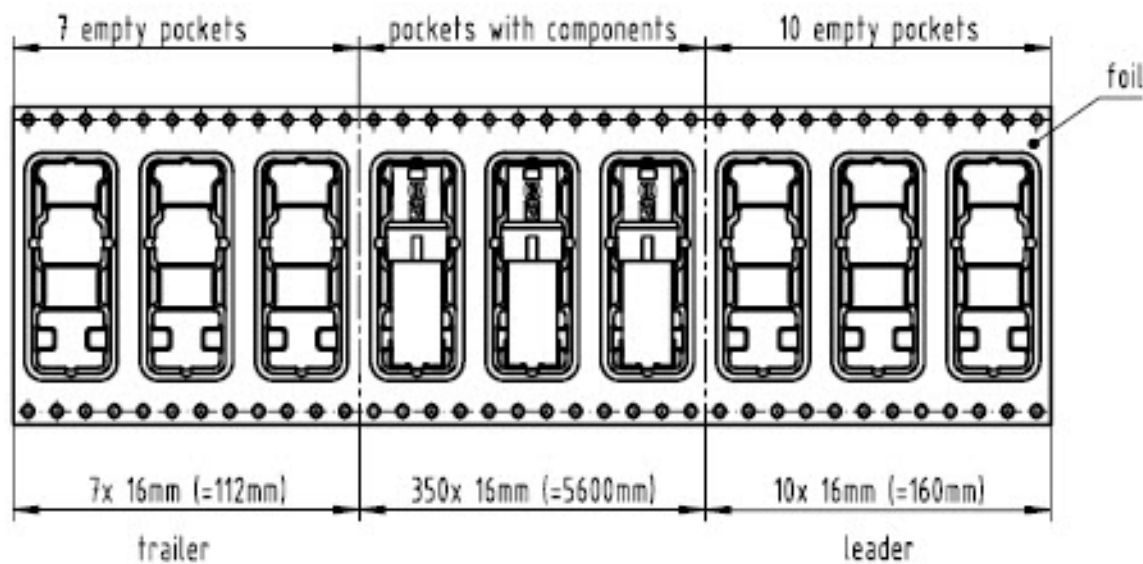
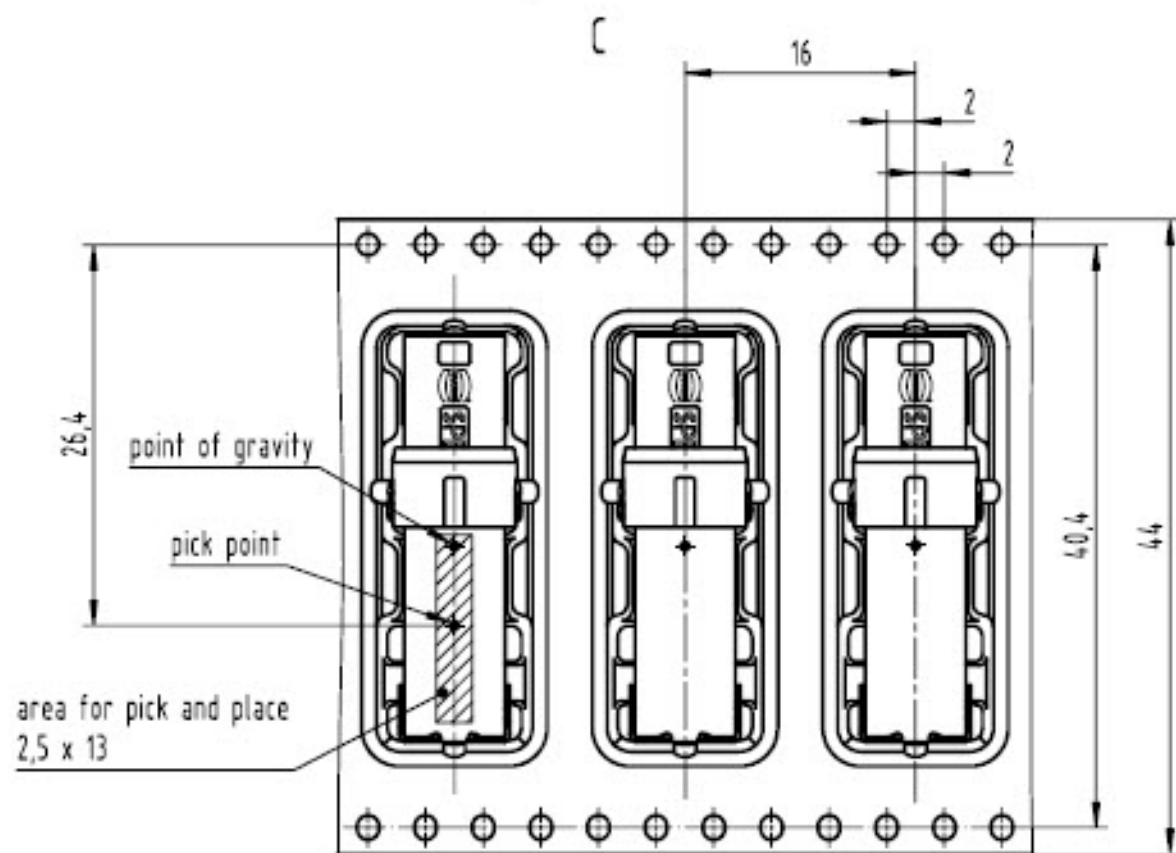
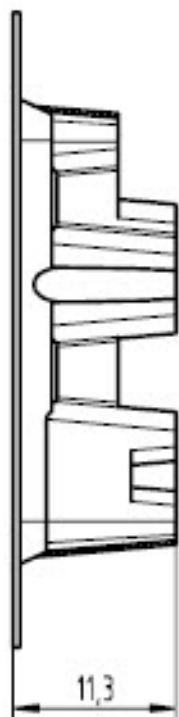
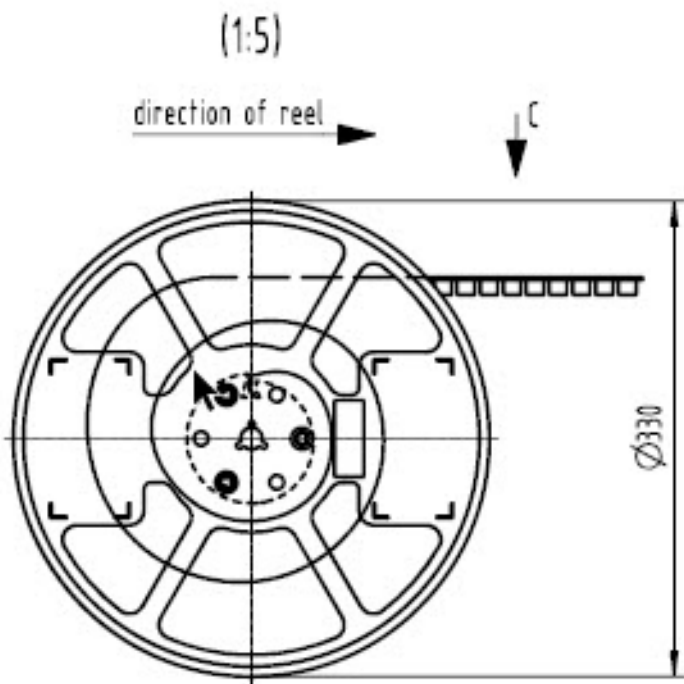
molex

PCB JACK SPE M12 ANGLED

PRODUCT CUSTOMER DRAWING

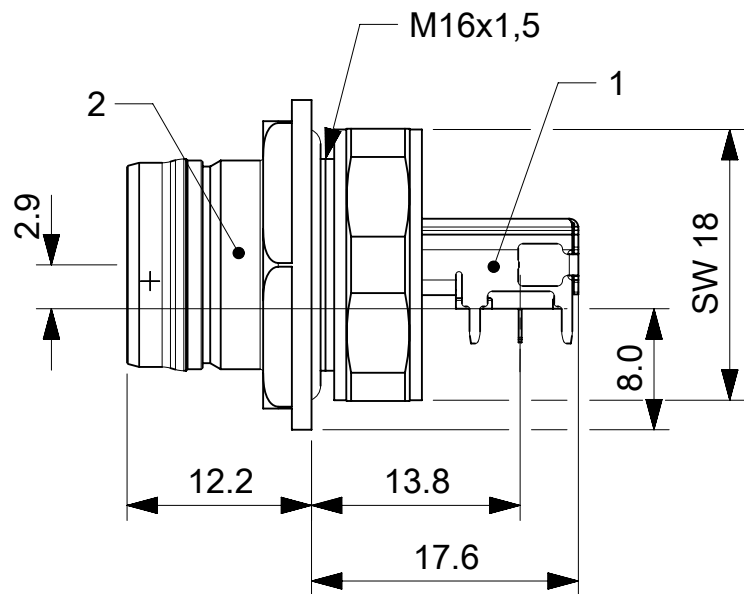
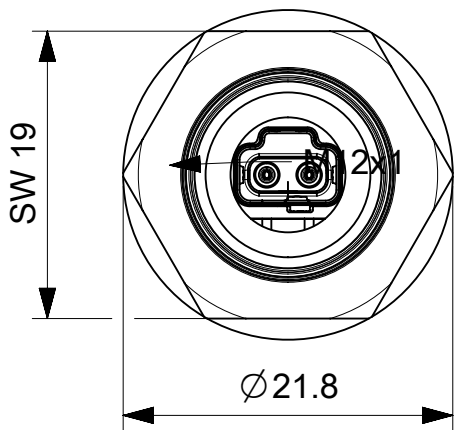
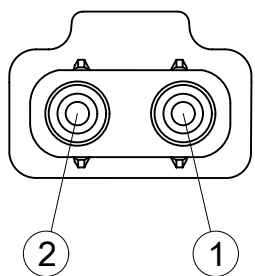
DOCUMENT NUMBER 2209570002 DOC TYPE PSD DOC PART 000 REVISION A1

DOCUMENT STATUS P1 RELEASE DATE 2023/12/05 16:21:29

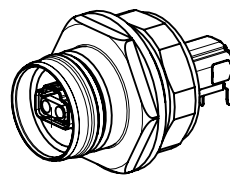
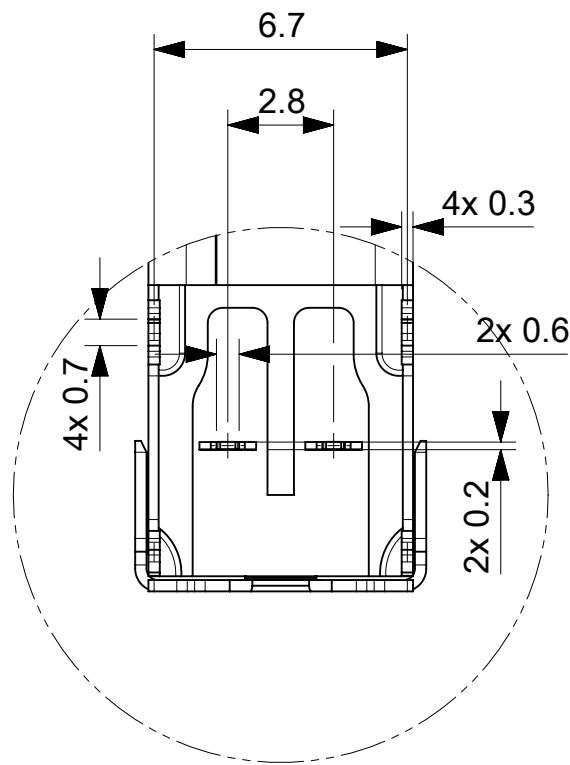
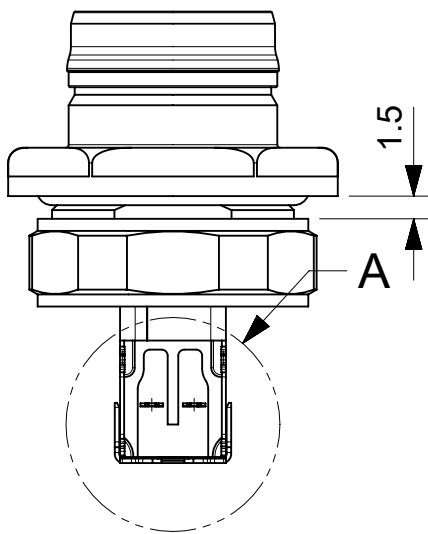
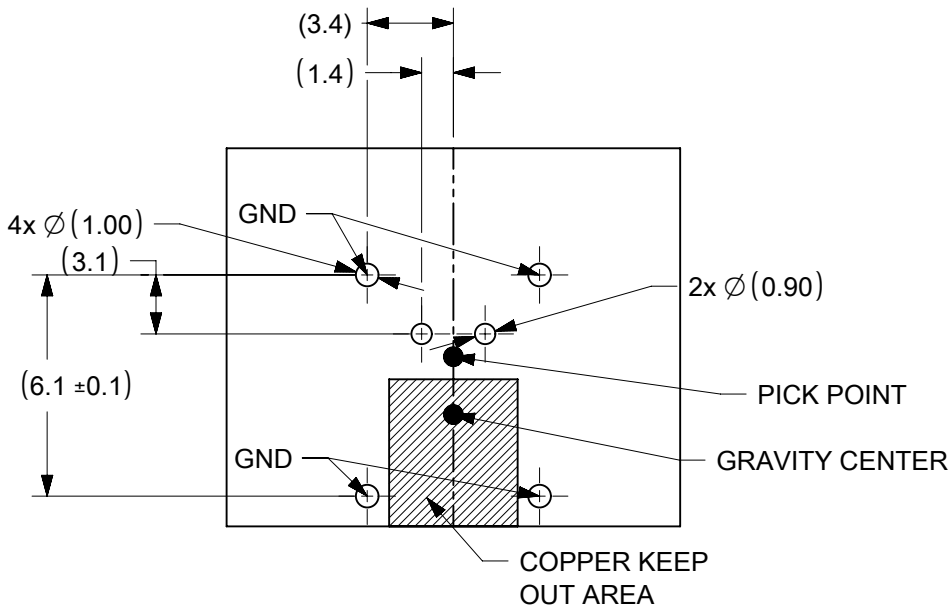


FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD PACKAGING INFORMATION			molex									
	mm		1:1														
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				PCB JACK SPE M12 ANGLED											
= 0	ANGULAR TOL ± 1.0°																
= 0	4 PLACES		±		EC NO: 770582			PRODUCT CUSTOMER DRAWING									
DIVISIONAL SYMBOLS	3 PLACES		±		DRWN: MBLOESER 2023/12/04												
	2 PLACES		± 0.05		CHK'D: RSILLER 2023/12/05												
	1 PLACE		± 0.1		APPR: RSILLER 2023/12/05												
	0 PLACES		± 0.2		INITIAL REVISION:												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		220957		2209570002		PSD		000		A1	

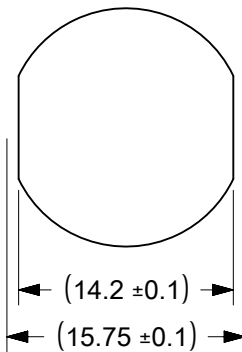
SPE FEMALE
FRONT VIEW



PCB LAYOUT TOP VIEW



RECOMMENDED PANEL CUTOUT



DETAIL A
SCALE 5:1

- 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

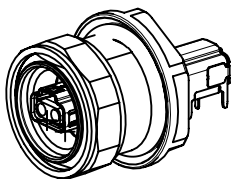
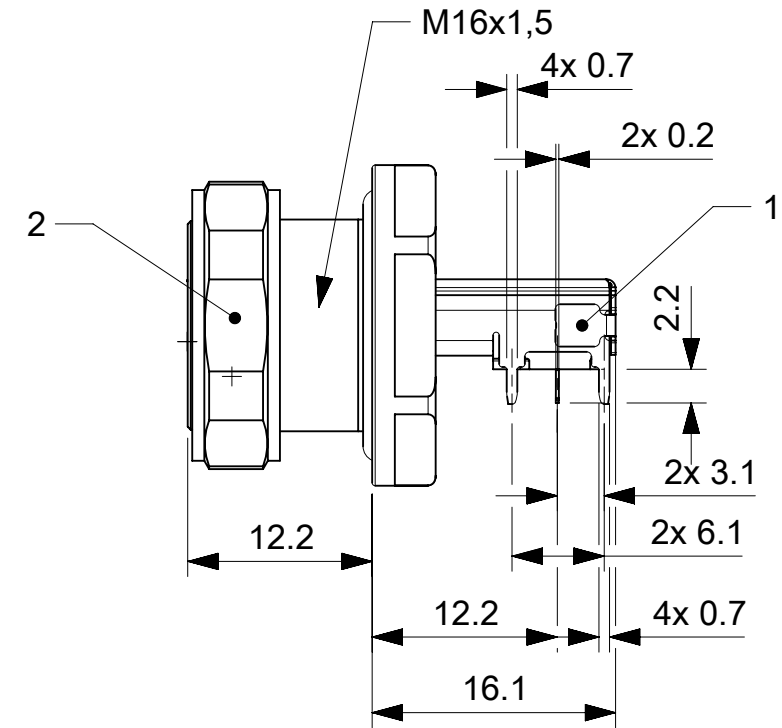
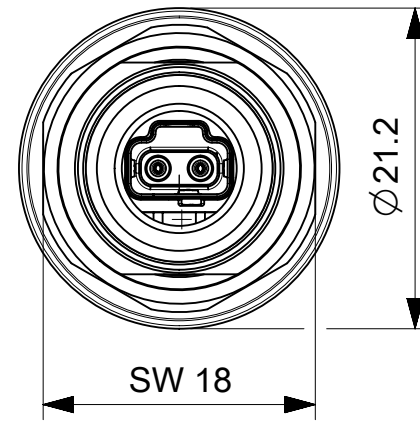
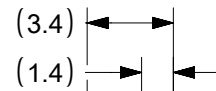
ITEM	QTY	MOLEX PN	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	2209570002	PCB JACK M12 ANGLED	METAL	NI / GREEN
2	1	2209570012	SHELL M12 FRONT MOUNTED	BRASS	Ni

DOCUMENT STATUS	P1	RELEASE DATE	2022/11/02	13:30:17
-----------------	----	--------------	------------	----------

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		CURRENT REV DESC:				molex			
	DIMENSION UNITS	SCALE								
$\frac{F}{A} = 0$	mm	2:1	GENERAL TOLERANCES (UNLESS SPECIFIED)				PCB JACK M12 ANGLED FRONT MOUNTED			
$\frac{F}{E} = 0$										
$\frac{F}{P} = 0$	ANGULAR TOL	± 1.0 °	4 PLACES ±				PRODUCT CUSTOMER DRAWING			
DIVISIONAL SYMBOLS	3 PLACES ±		INITIAL REVISION:				DOCUMENT NUMBER			
	2 PLACES ± 0.05									
	1 PLACE ± 0.1		DRWN: MBLOESER 2022/09/22				2209570003			
	0 PLACES ± 0.2									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				MATERIAL NUMBER			
			DRAWING				CUSTOMER			
			A3-SIZE				GENERAL MARKET			
			220957				SHEET NUMBER			
							1 OF 1			

A diagram of the rear of the device, showing two circular ports. Port 1 is on the right and port 2 is on the left. Both ports have a central pin and a surrounding ring. The ports are labeled with circled numbers 1 and 2.



FORMAT: tb-prod