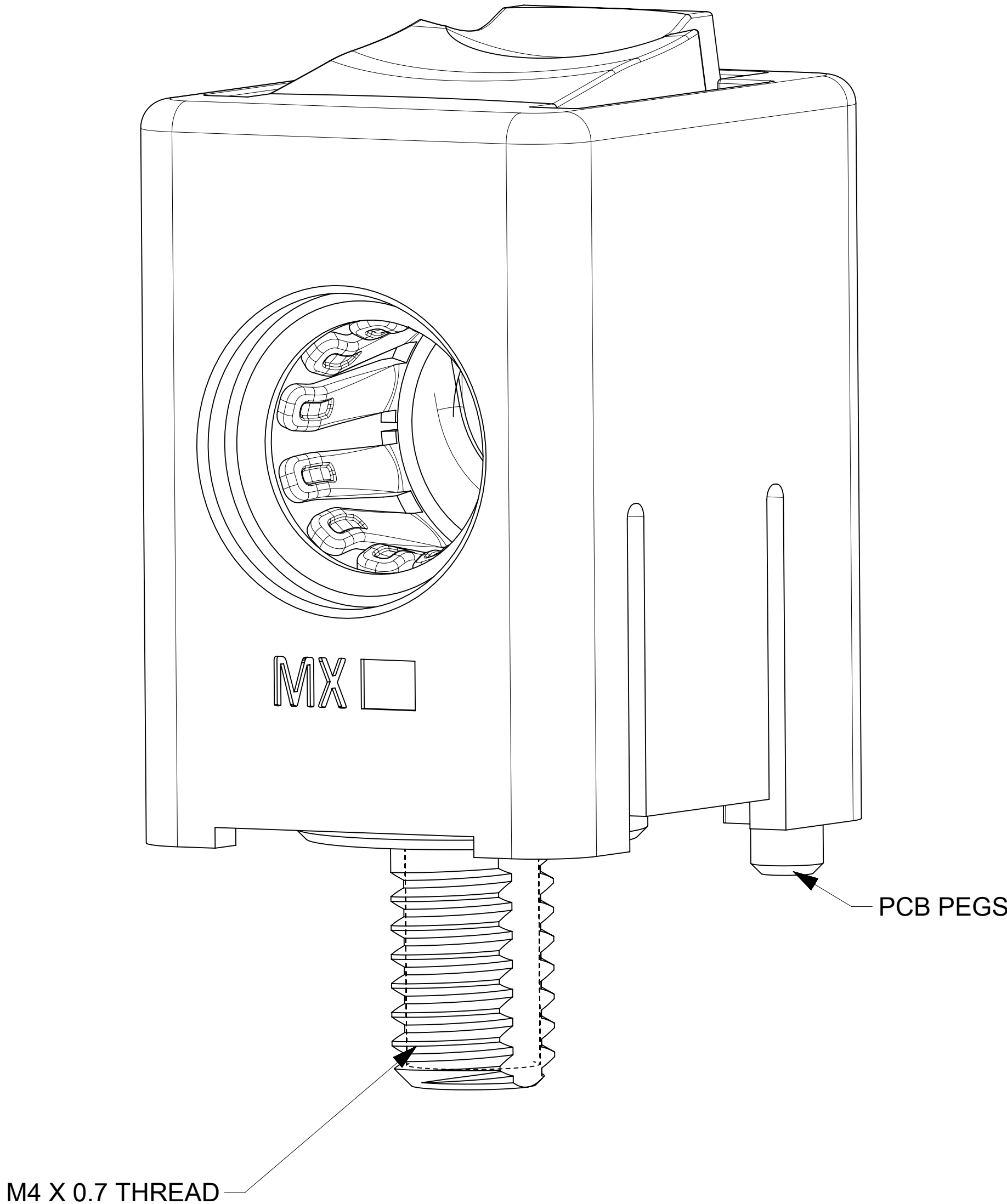
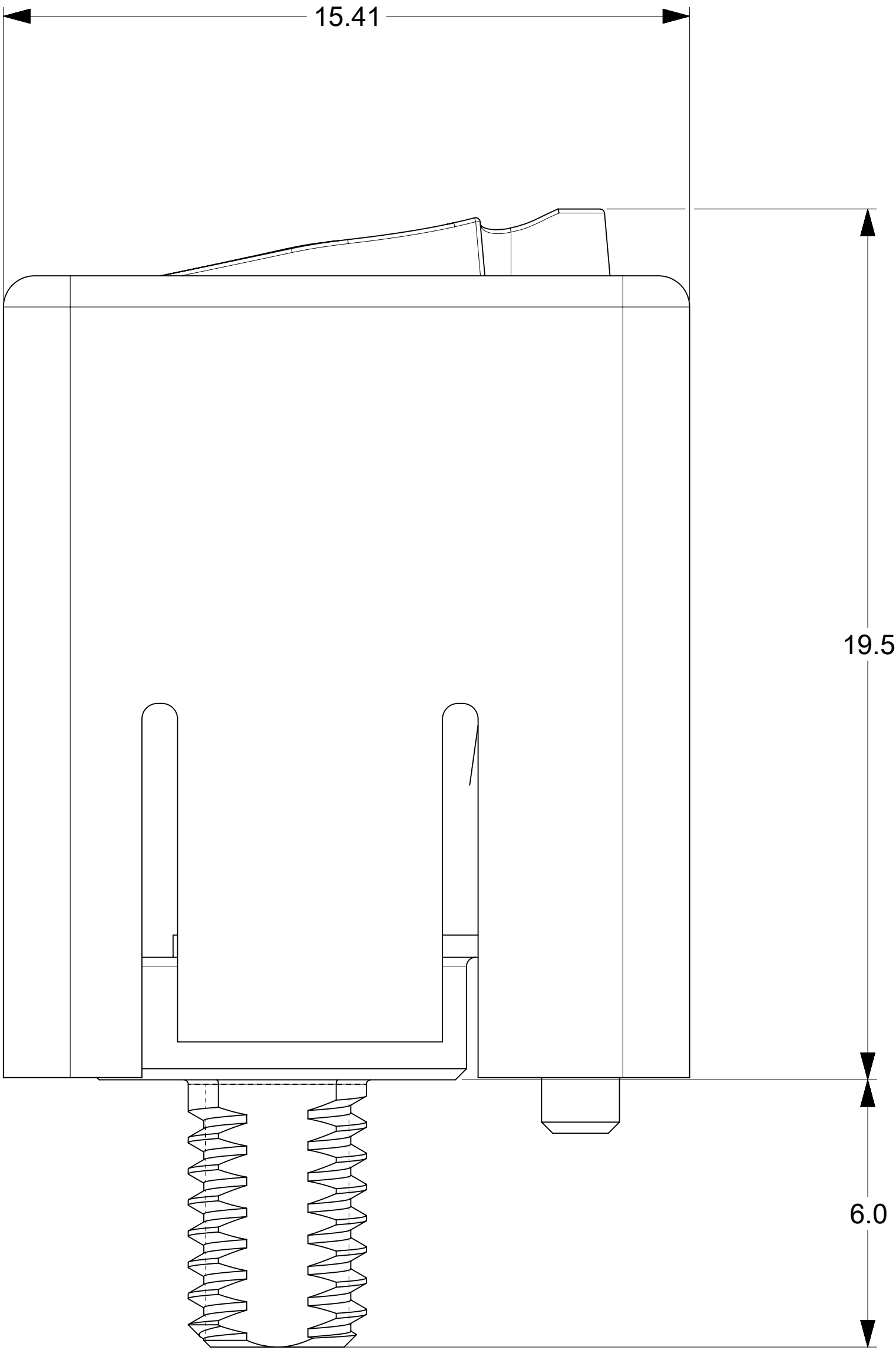
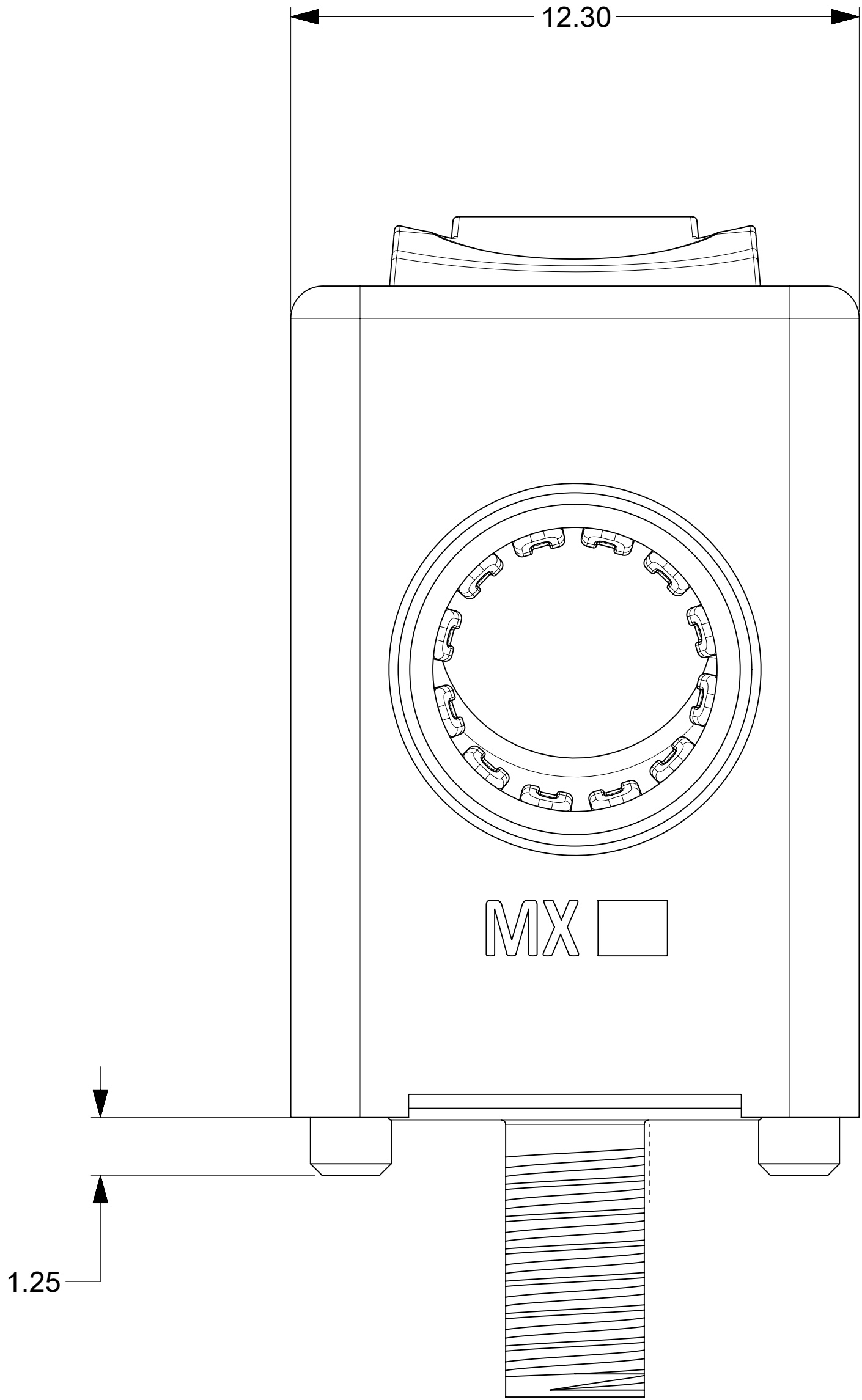


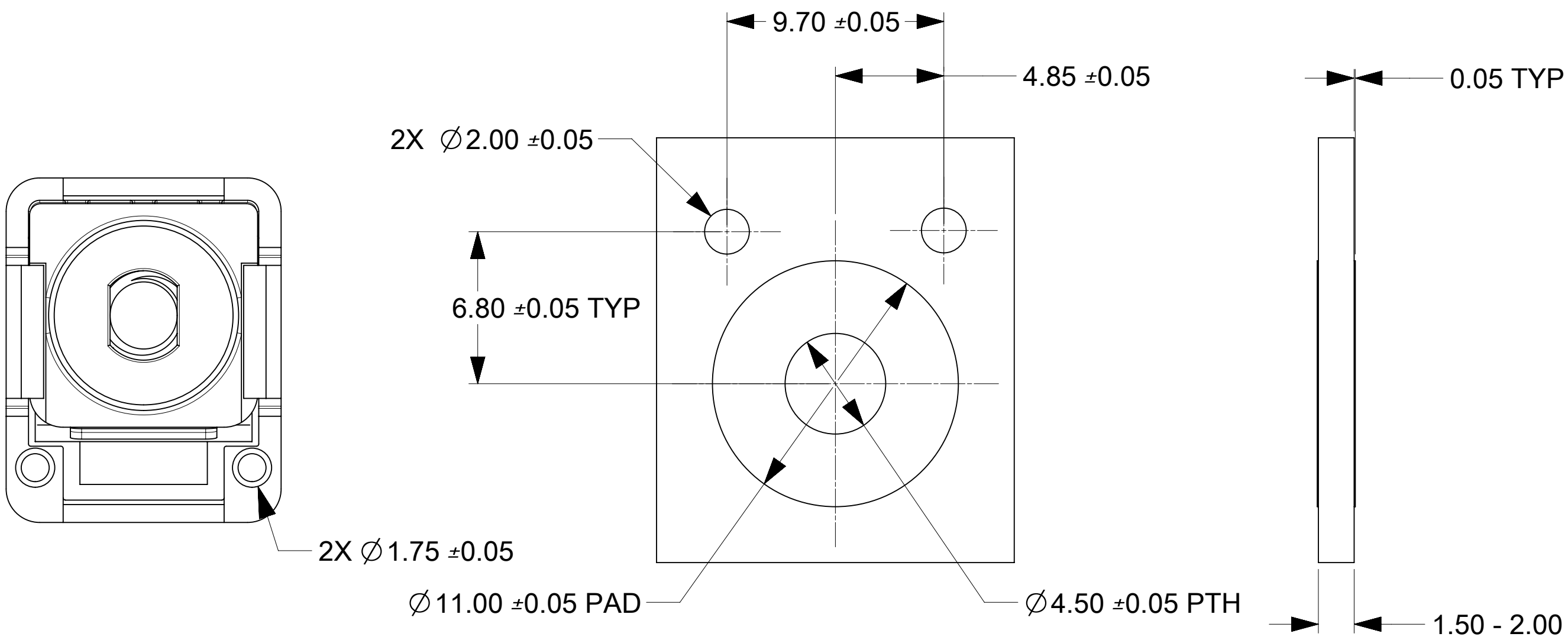


- NOTES:
- MATERIALS:
 - A. POWER TERMINALS: HIGH PERFORMANCE COPPER ALLOY.
 - B. HOUSINGS: THERMOPLASTICS.
 - C. OTHER COMPONENTS : STAINLESS STEEL,ALUMINIUM.
 - PLATING:
 - A. CONTACT AREA: GOLD.
 - B. REST AREA: SILVER WITH TARNISH INHIBITOR.
 - MATES WITH PLUG SERIES : 220719.
 - ASSEMBLY MEETS ROHS REQUIREMENTS.
 - PRODUCT SPECIFICATION: 2207170001-PS.
 - PACKAGING SPECIFICATION: TRAY PACKAGING BASED ON 2207171001-PK.
 - APPLICATION SPECIFICATION: 2207170001-AS.
 - RECOMMENDED BUSBAR AND PCB THICKNESS IS MAX 3.1MM. REFER SHEET 3 FOR MORE DETAILS
 - SILVER COMPONENTS WILL BE SUPPLIED TARNISH FREE BUT MAY TARNISH OVER TIME.
 - PART TO BE MOUNTED USING CONDUCTIVE M4 X 0.7MM NUT AND CONDUCTIVE M4 BELLEVILLE WASHER OF 0.70 MM MAX OVERALL HEIGHT INCLUDING THICKNESS FOR OPTIMAL PERFORMANCE.
 - MOLEX DOES NOT SUPPLY NUTS AND WASHERS.

PCB RECEPTACLE ASSEMBLY			
NO.	PART NUMBER	COLOR	PEG DETAILS
1	2207171001	BLACK	DETAILED IN SECTION 1
2	2207172001	NATURAL	DETAILED IN SECTION 2
3	2207173001	BLUE	DETAILED IN SECTION 3

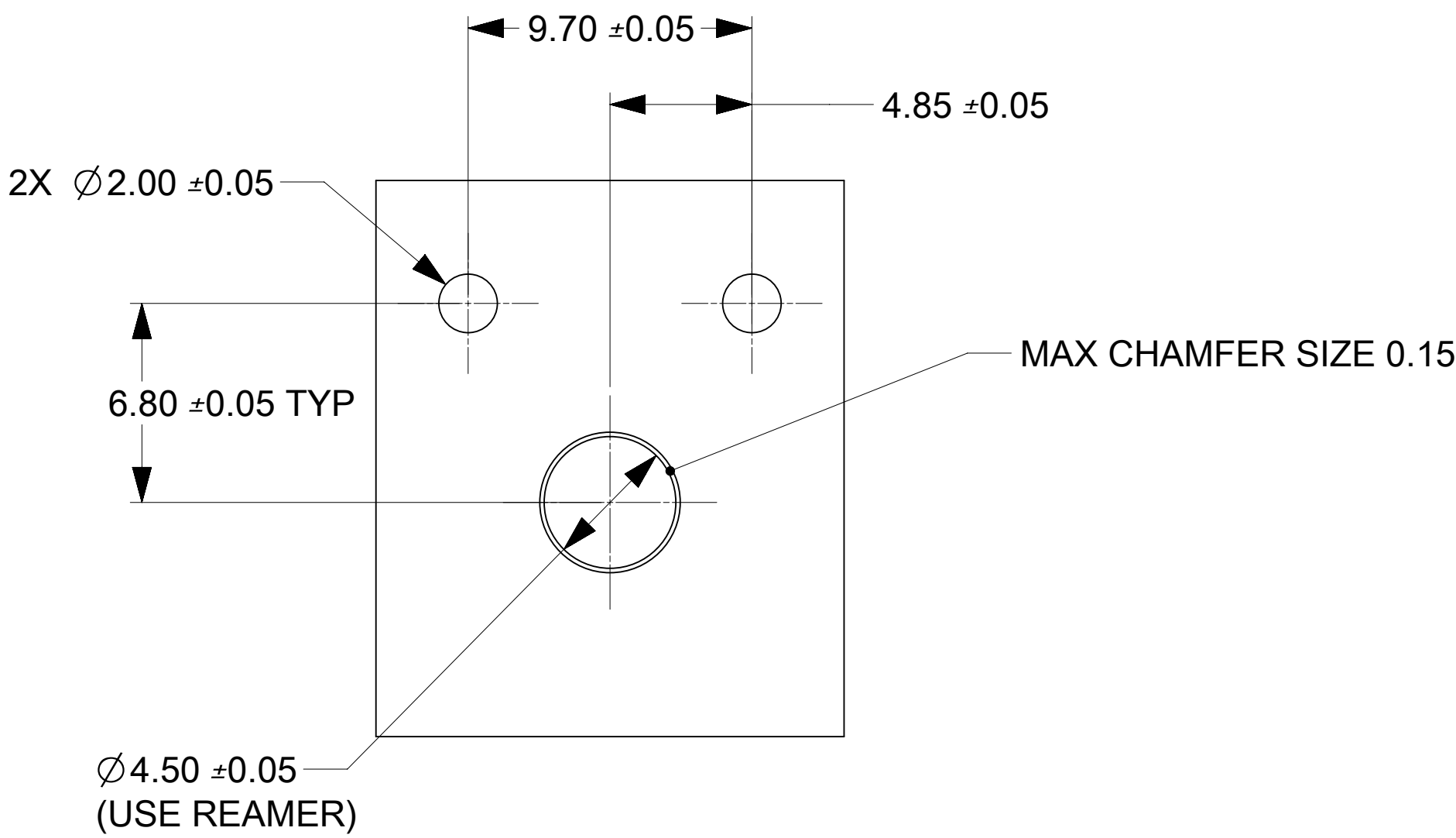
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE	CURRENT REV DESC: PRODUCT REELEASE				molex				
mm		10:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 788478 DRWN: SREENA12024/06/05 CHK'D: SREENA12024/06/06 APPR: HTHYAGARAJ2024/06/06 INITIAL REVISION: DRWN: SMAHAJANSHET2022/08/12 APPR: HTHYAGARAJ2023/04/11				6.0MM HYPERQUBE PCB RECEPTACLE ASSEMBLY				
ANGULAR TOL ± 1.0°							PRODUCT CUSTOMER DRAWING				
4 PLACES	±						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
3 PLACES	±						2207171001-SD		PSD	000	A4
2 PLACES	±	0.25									
1 PLACE	±	0.5									
0 PLACES	±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
			 		D-SIZE	220717	SEE TABLE		GENERAL MARKET		1 OF 3

SECTION 1



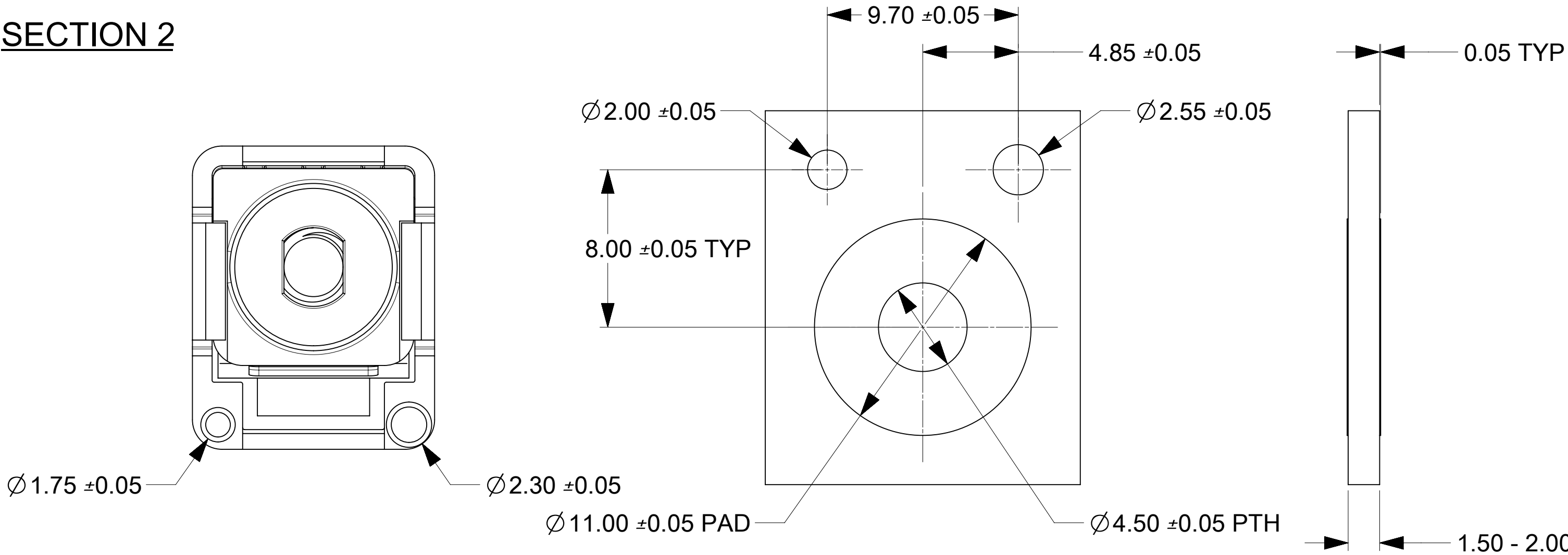
2207171001-BLACK

RECOMMENDED PCB LAYOUT



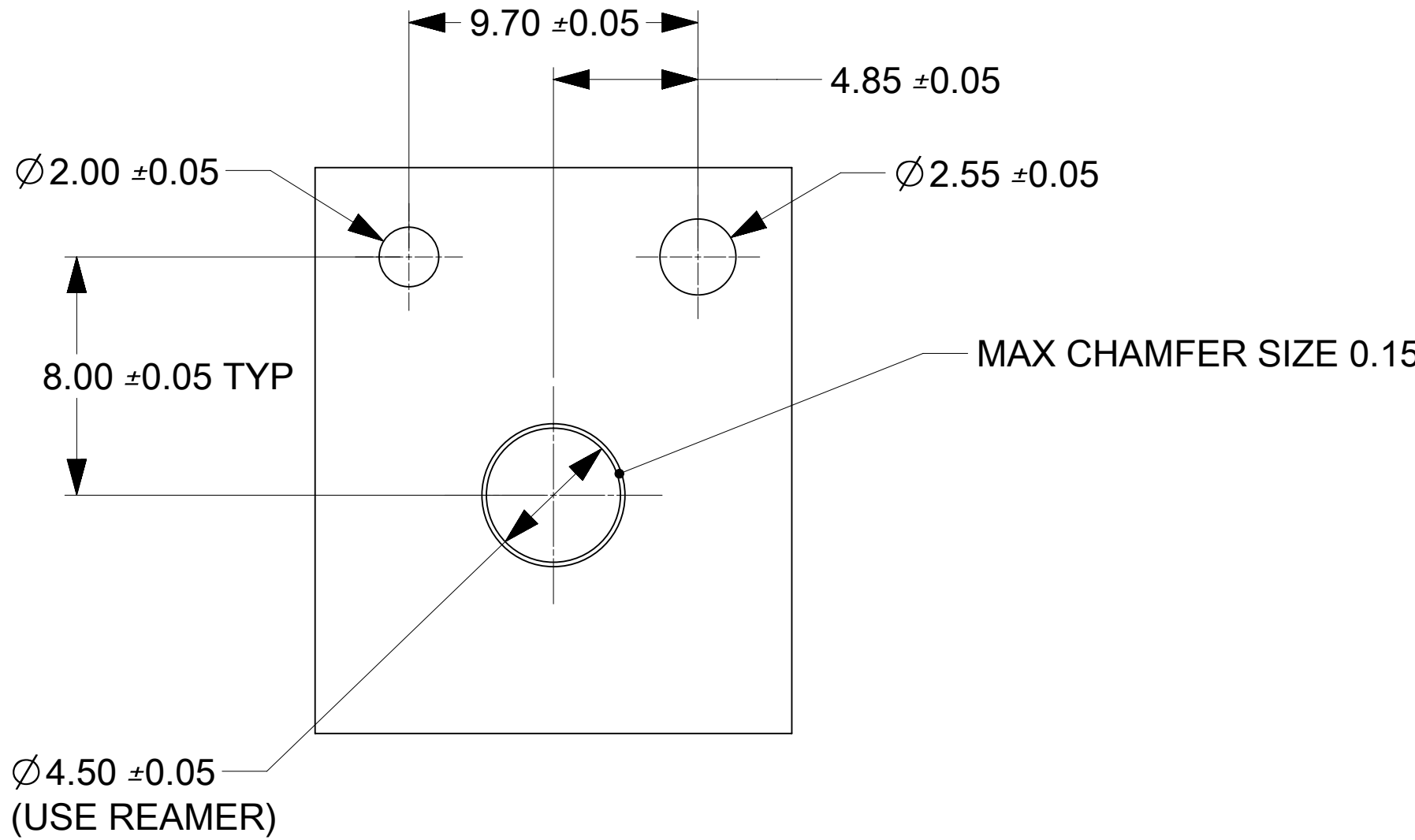
RECOMMENDED BUSBAR LAYOUT

SECTION 2



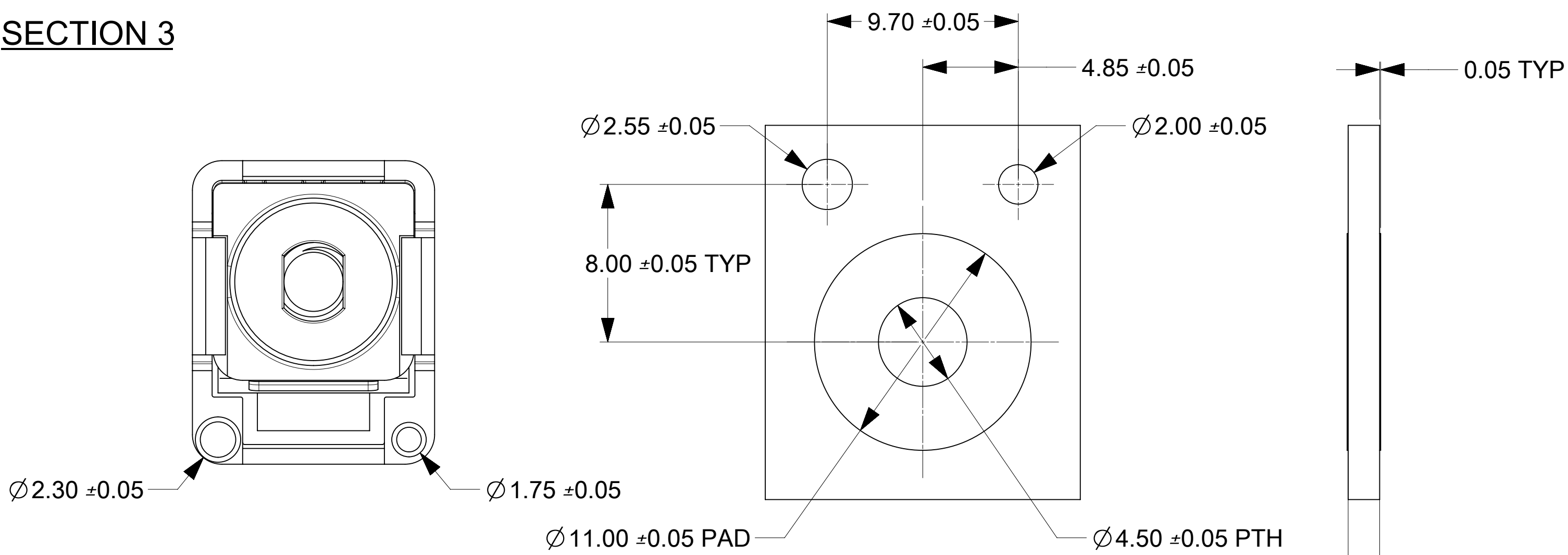
2207172001-NATURAL

RECOMMENDED PCB LAYOUT



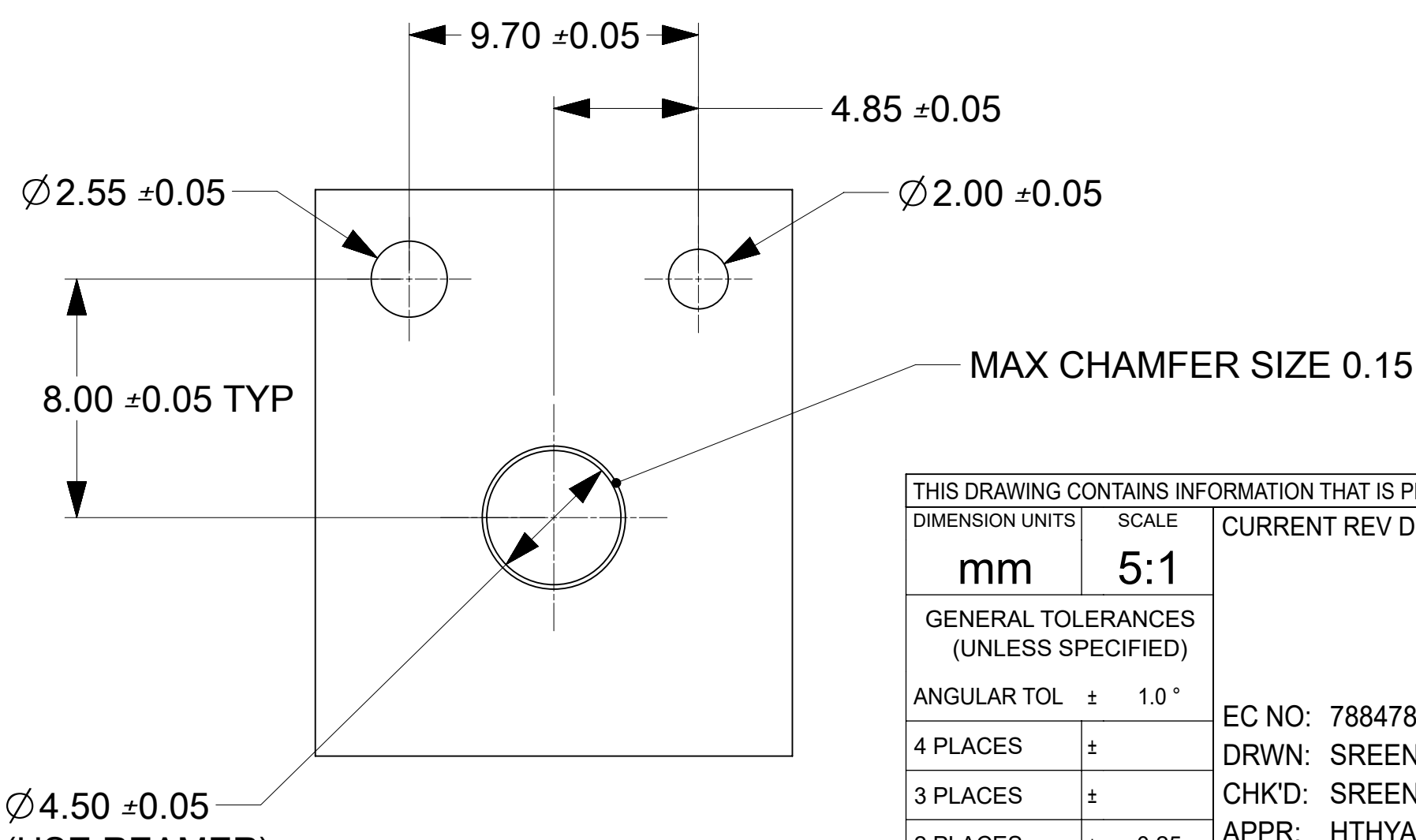
RECOMMENDED BUSBAR LAYOUT

SECTION 3



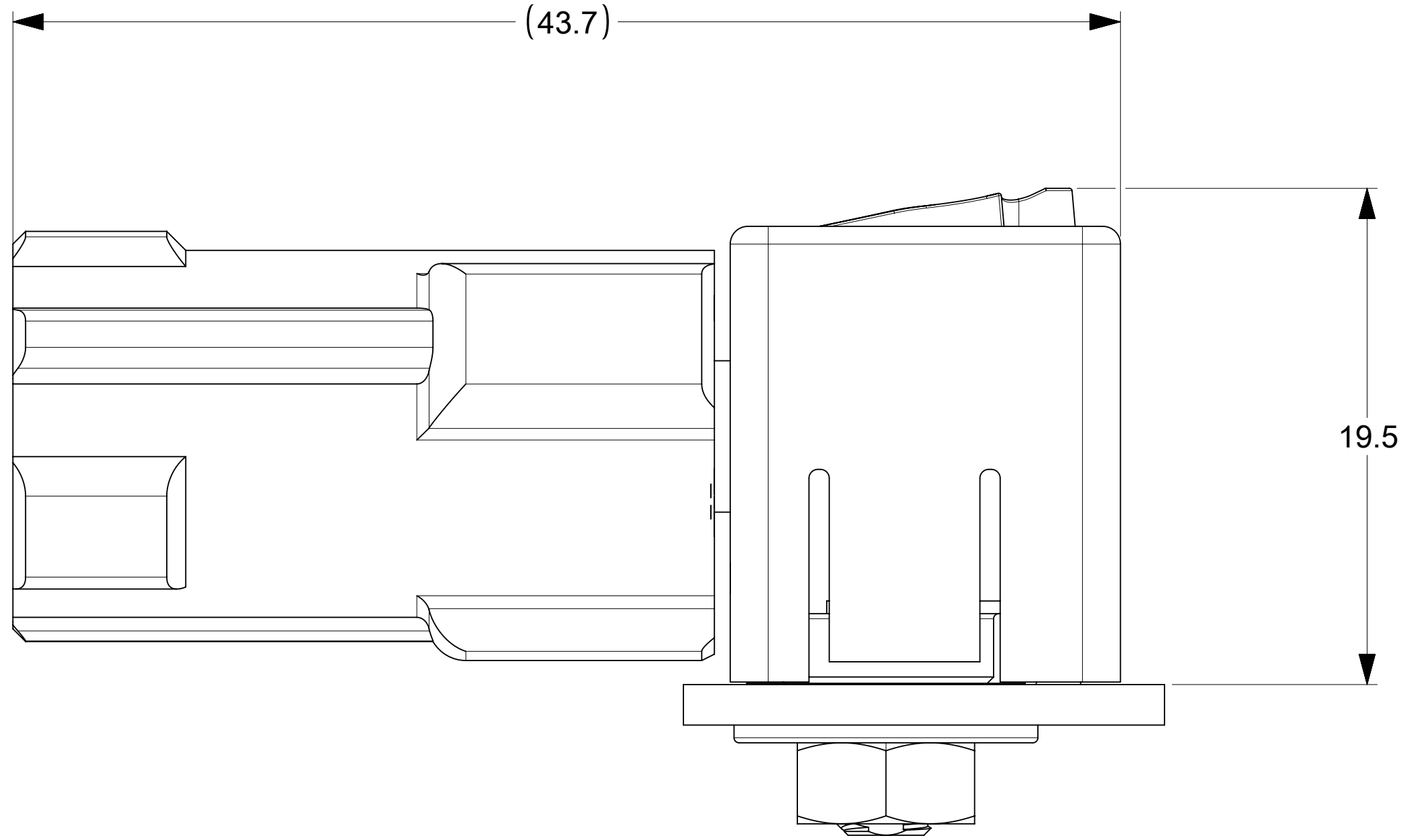
2207173001-BLUE

RECOMMENDED PCB LAYOUT

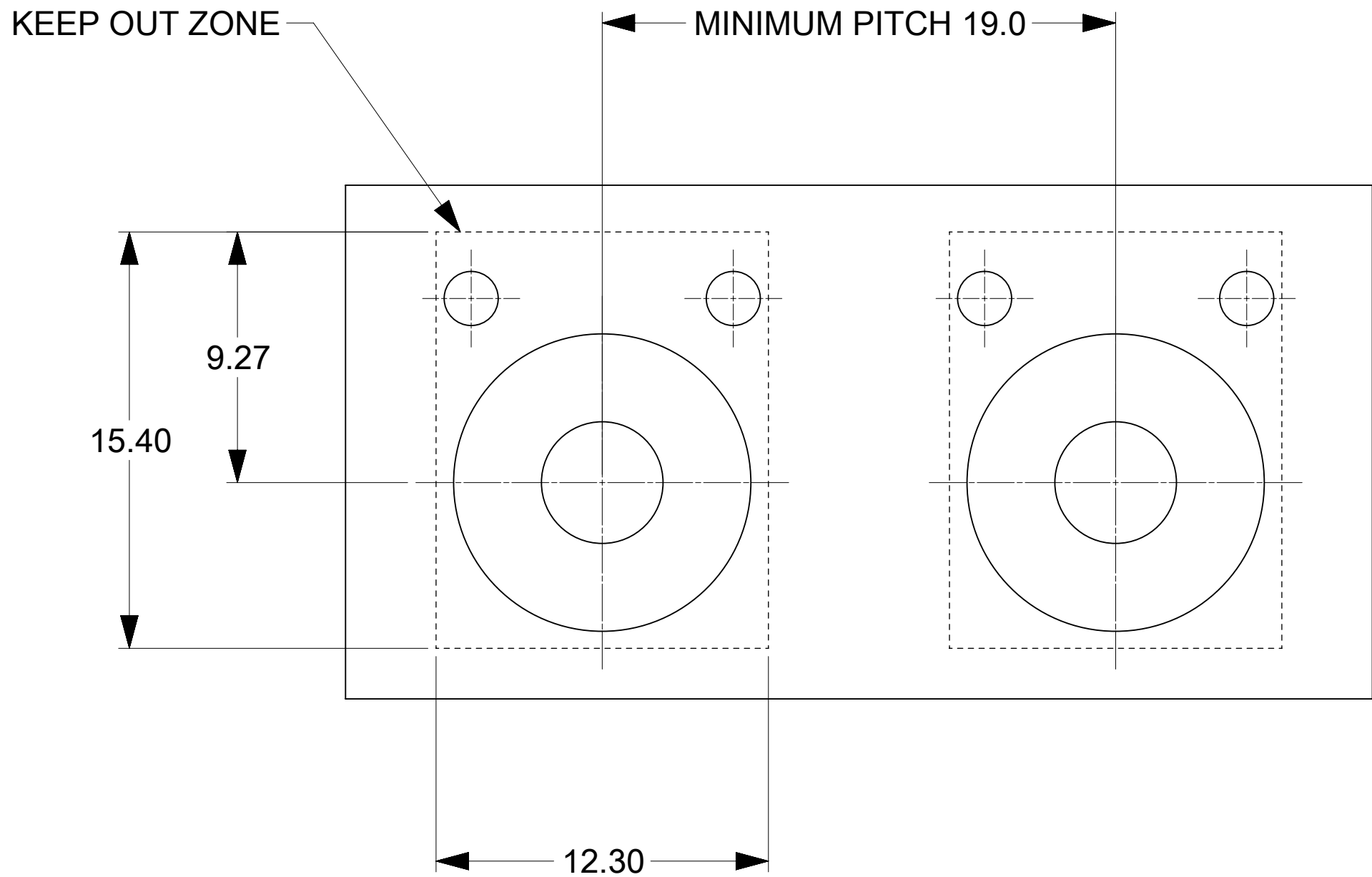
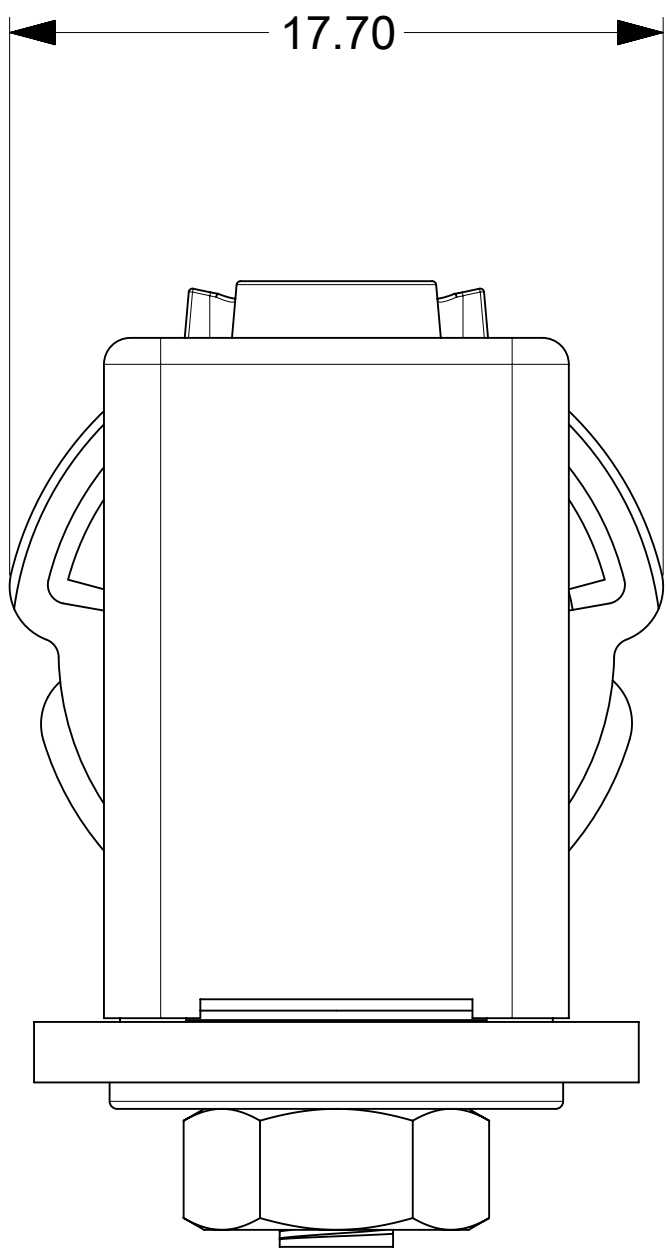


RECOMMENDED BUSBAR LAYOUT

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: PRODUCT REELEASE										
mm		5:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex										
ANGULAR TOL ± 1.0 °														
4 PLACES		±		6.0MM HYPERQUBE PCB RECEPTACLE ASSEMBLY										
3 PLACES		±												
2 PLACES		± 0.25		PRODUCT CUSTOMER DRAWING										
1 PLACE		± 0.5												
0 PLACES		±		DOCUMENT NUMBER				DOC TYPE		DOC PART	REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION:				2207171001-SD				PSD	000	A4
				DRWN: SMAHAJANSKET				2022/08/12						
THIRD ANGLE PROJECTION 				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
				D-SIZE		220717		SEE TABLE		GENERAL MARKET		2 OF 3		
				APPR: HTHYAGARAJ		2024/06/06								
				EC NO: 788478		2024/06/05								
				DRWN: SREENA1		2024/06/05								
				CHK'D: SREENA1		2024/06/06								

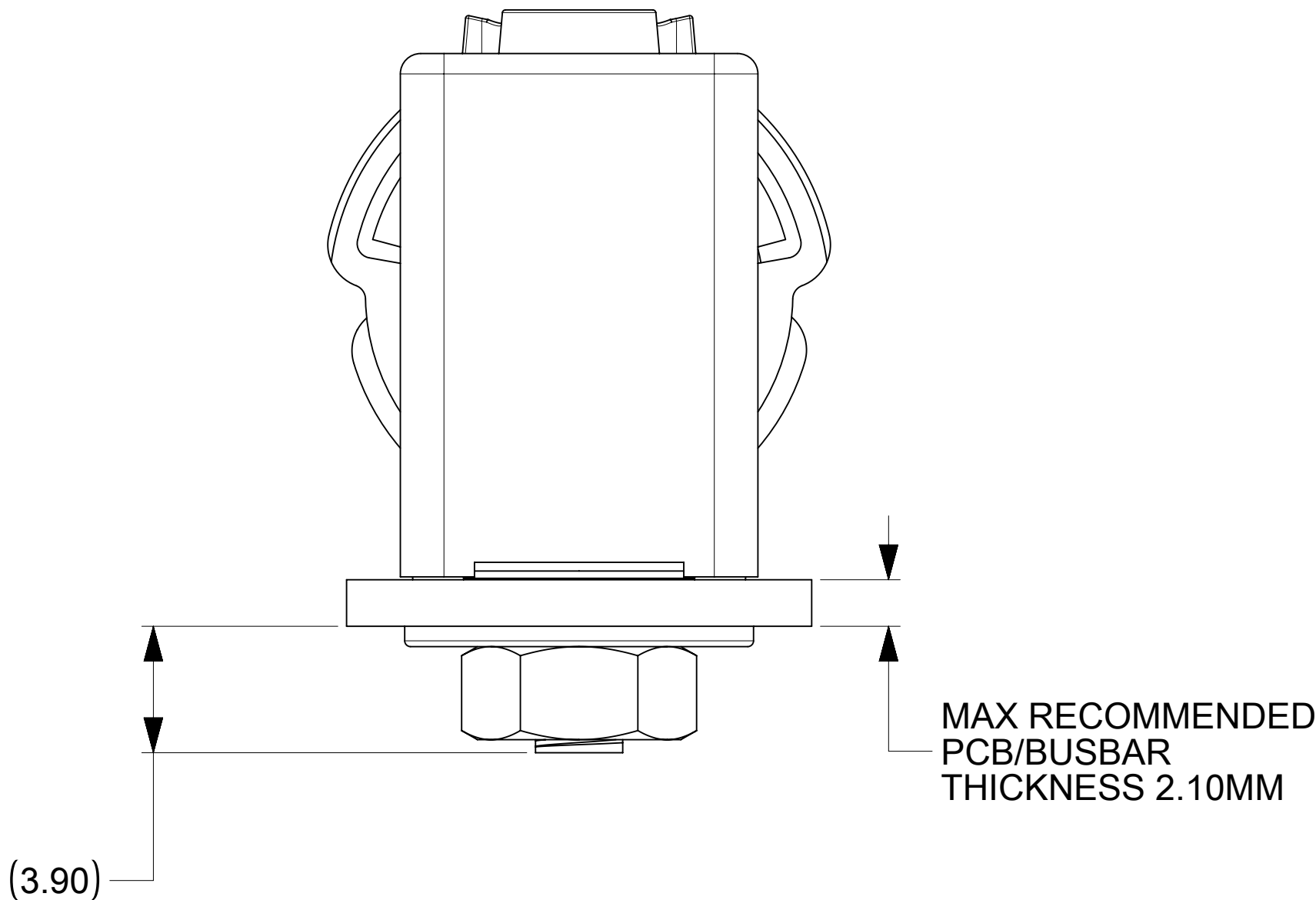


MATED PROFILE
(MATED WITH PLUG ASSY)

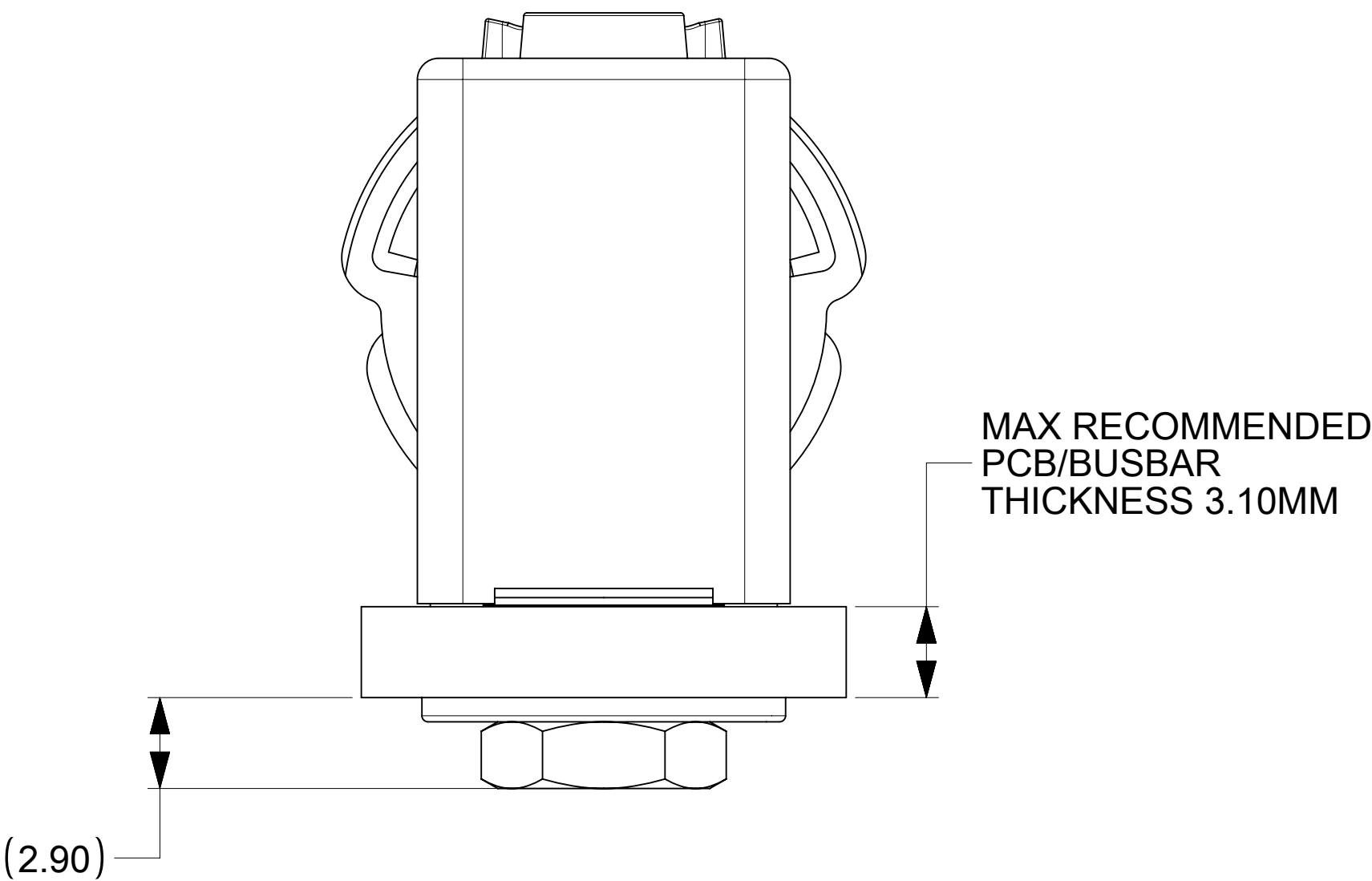


RECOMMENDED PCB LAYOUT FOR ADJACENT CONNECTOR PLACEMENT

MOUNTED USING DIN 934 STANDARD M4 NUT (3.2MM THICK)



MOUNTED USING DIN 439 THIN M4 NUT (2.2MM THICK)



(THE THICKNESS OF M4 NUTS RANGES BETWEEN 2.2MM AND 3.2MM.
M4 NUTS WITH THICKNESSES LESS THAN 2.2MM ARE ALSO AVAILABLE)

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: PRODUCT REELEASE				molex				
mm		5:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				6.0MM HYPERCUBE PCB RECEPTACLE ASSEMBLY								
ANGULAR TOL ± 1.0 °												
4 PLACES		±								EC NO: 788478 DRWN: SREENA1 2024/06/05 CHK'D: SREENA1 2024/06/06 APPR: HTHYAGARAJ 2024/06/06		
3 PLACES		±										
2 PLACES		± 0.25										
1 PLACE		± 0.5										
0 PLACES		±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				DRWN: SMAHAJANSHET 2022/08/12 APPR: HTHYAGARAJ 2023/04/11				2207171001-SD		PSD	000	A4
THIRD ANGLE PROJECTION				DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER			
				D-SIZE	220717	SEE TABLE	GENERAL MARKET		3 OF 3			

DOCUMENT STATUS	P1	RELEASE DATE	2024/06/06	11:24:15
-----------------	----	--------------	------------	----------