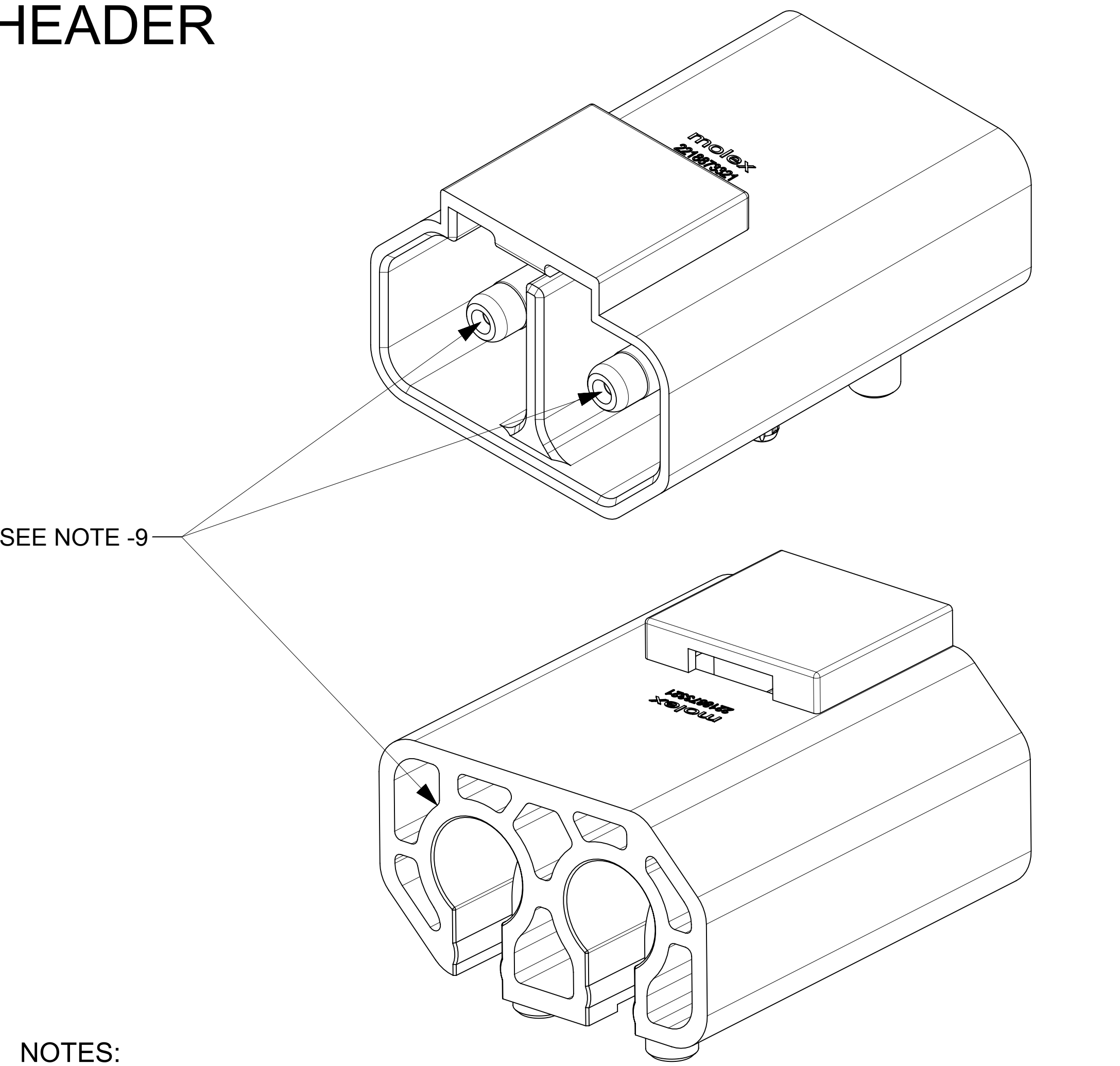
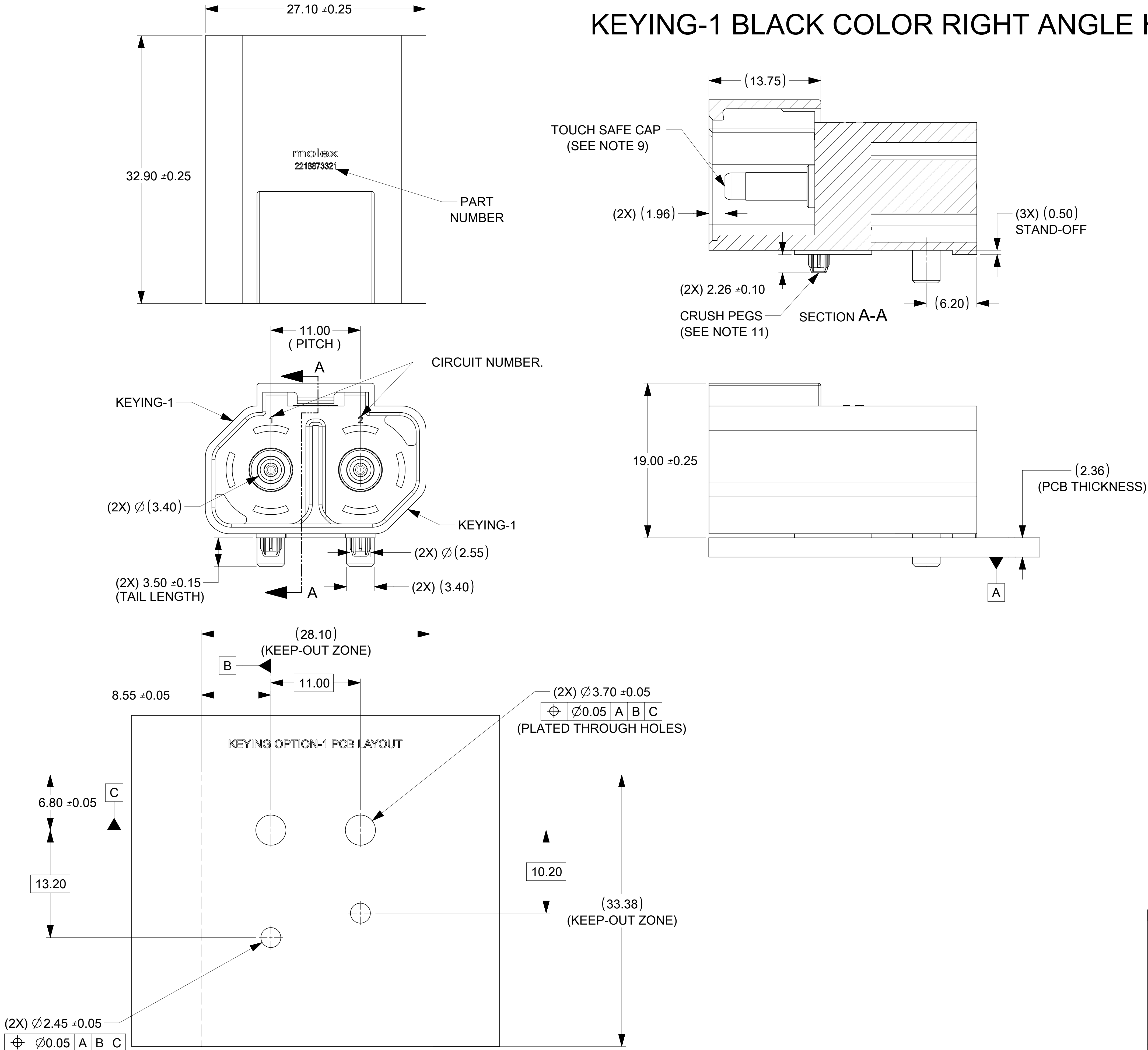
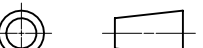


KEYING-1 BLACK COLOR RIGHT ANGLE HEADER

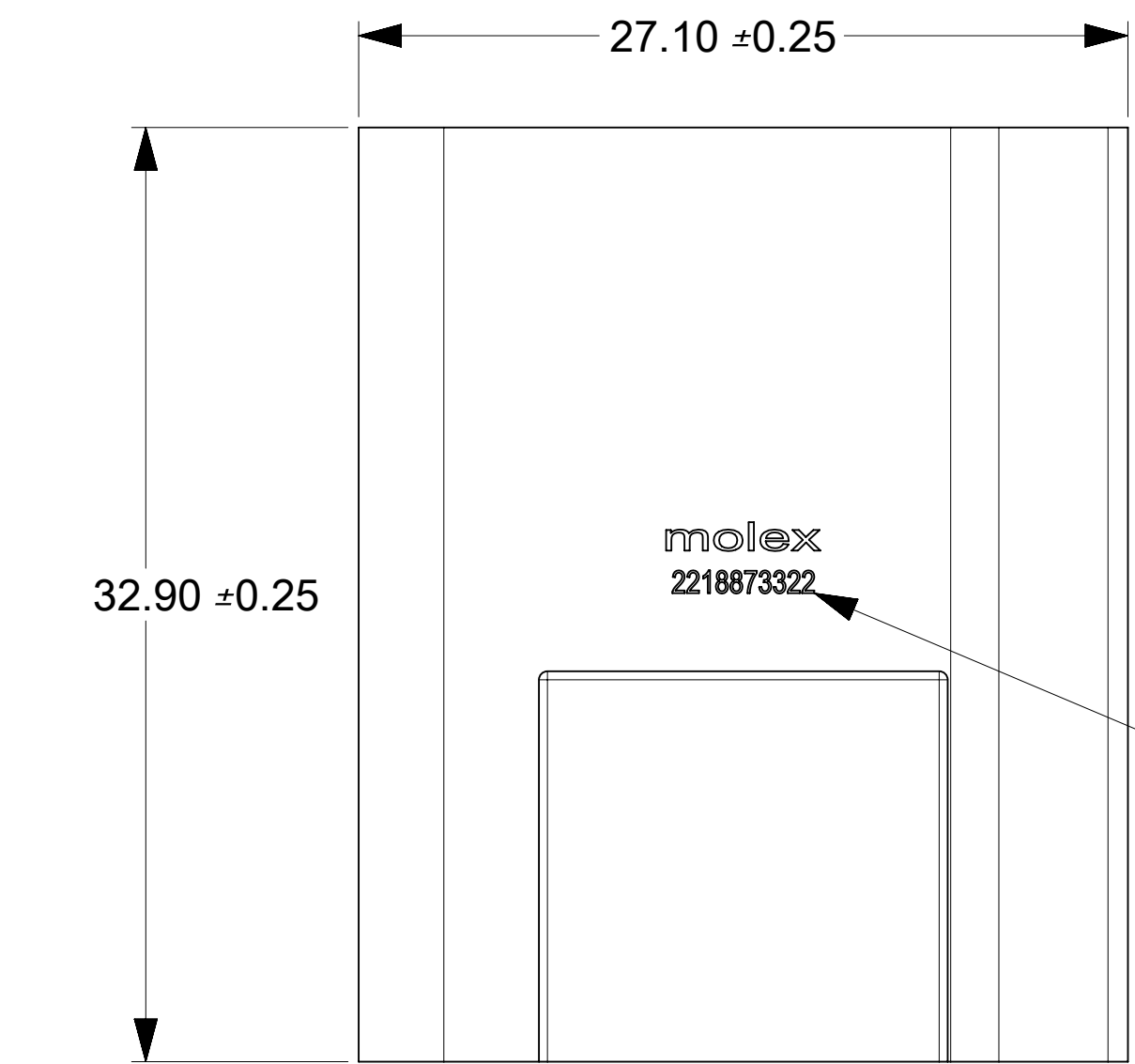


- NOTES:
- MATERIAL:
 - HOUSING: LCP UL94 V-0, LOW HALOGEN COMPLIANT.
 - TOUCH SAFE CAP: HIGH TEMP NYLON, UL94 V-0 LOW HALOGEN COMPLIANT.
 - TERMINALS: COPPER ALLOY.
 - PLATING:
 - 3.18 MICRON MIN SILVER OVER 1.27 MICRON MIN NICKEL.
 - HEADER TERMINALS ARE FINISHED WITH ANTI-TARNISH TREATMENT BUT MAY TARNISH OVER TIME.
 - THE HEADER COMPONENT IS TRAY-PACKAGED : 2218873321-PK.
 - APPLICATION SPECIFICATION : 2215971000-AS
 - PRODUCT SPECIFICATION : 2215970001-PS
 - TEST SUMMARY : 2215973000-TS.
 - ASSEMBLY MEETS RoHS REQUIREMENT.
 - THE HEADER HAS A FINGER PROOF TOUCH SAFE DESIGN AT FRONT AND BACK IN ACCORDANCE WITH IEC-60529 AND UL-1977.
 - THE HEADER MATES WITH RECEPTACLE HOUSINGS -221597XXXX.
 - CRUSH PEG FACILITATES MECHANICAL KEYING BETWEEN THE PCB AND HEADER. ALSO IT OFFER RETENTION FORCE WITH THE PCB.

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: PRODUCTION RELEASE				molex					
mm		4:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 812235 DRWN: SHIVAM10 2025/02/10 CHK'D: MBELLE 2025/02/10 APPR: MBELLE 2025/02/10				3.4MM R/A HDR_SLD R VERSION. POWERWIZE PRODUCT FAMILY.					
ANGULAR TOL ± 1.0 °													
4 PLACES		±		INITIAL REVISION: DRWN: SHIVAM10 2023/03/10 APPR: HTHYAGARAJ 2024/07/29				PRODUCT CUSTOMER DRAWING					
3 PLACES		±											
2 PLACES		± 0.2		DOCUMENT NUMBER 2218873321				DOC TYPE		DOC PART		REVISION	
1 PLACE		± 0.25						PSD		000		A3	
0 PLACES		±		MATERIAL NUMBER SEE TABLE				CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
THIRD ANGLE PROJECTION 				DRAWING D-SIZE		SERIES 221887							

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONES					PART NUMBER	DESCRIPTION	REMARKS
DOCUMENT STATUS	P1	RELEASE DATE	2025/02/10	17:38:16	2218873321	3.4mm RIGHT ANGLE HEADER	BLACK COLOR KEYING-1

KEYING-2 NATURAL COLOR RIGHT ANGLE HEADER



PART
NUMBER

TOUCH SAFE CAP
(SEE NOTE 9)

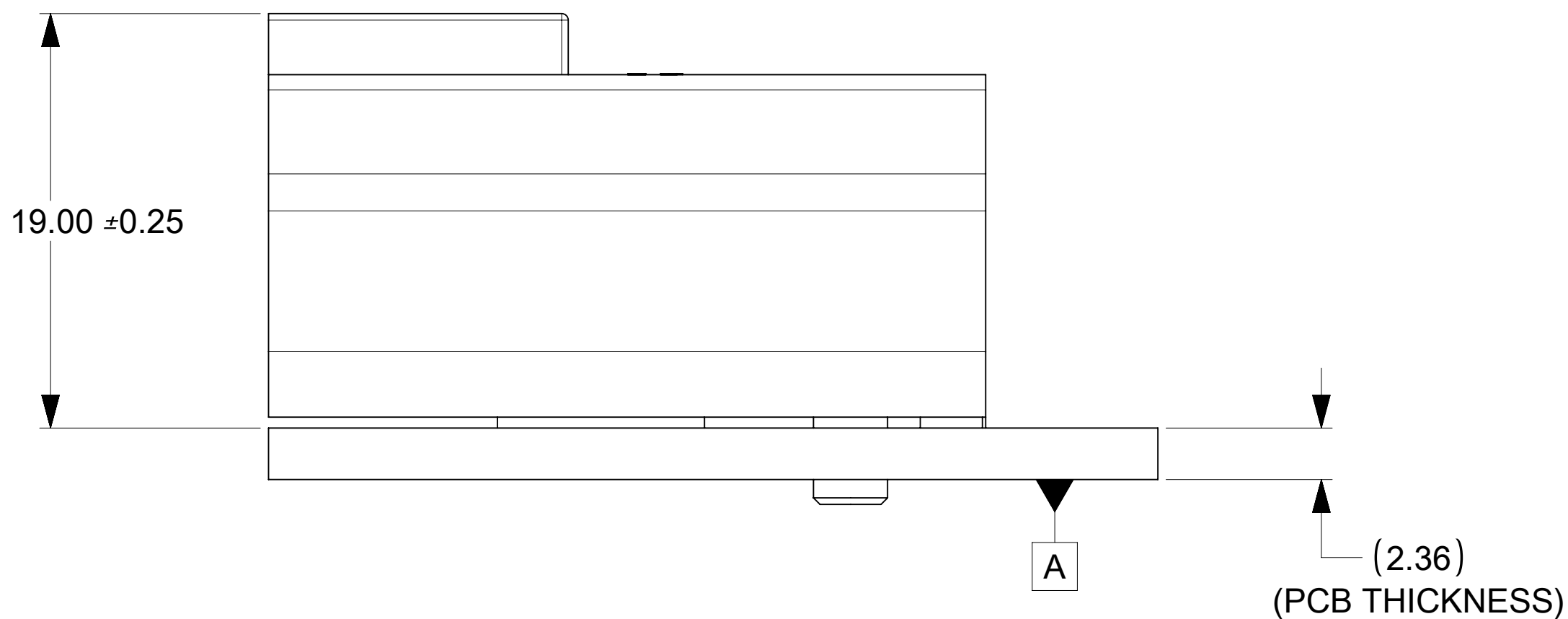
(2X) (1.96)

(13.75)

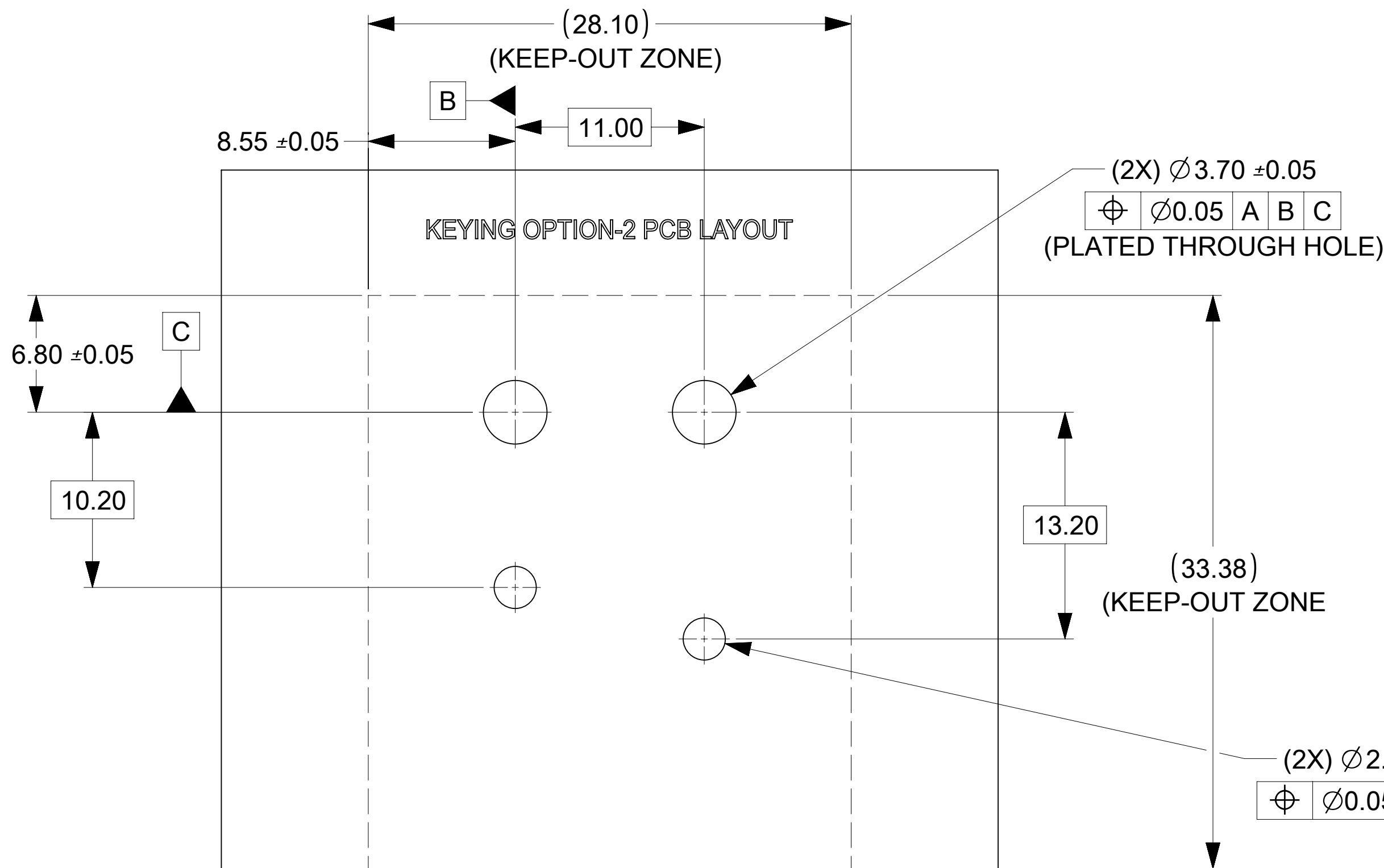
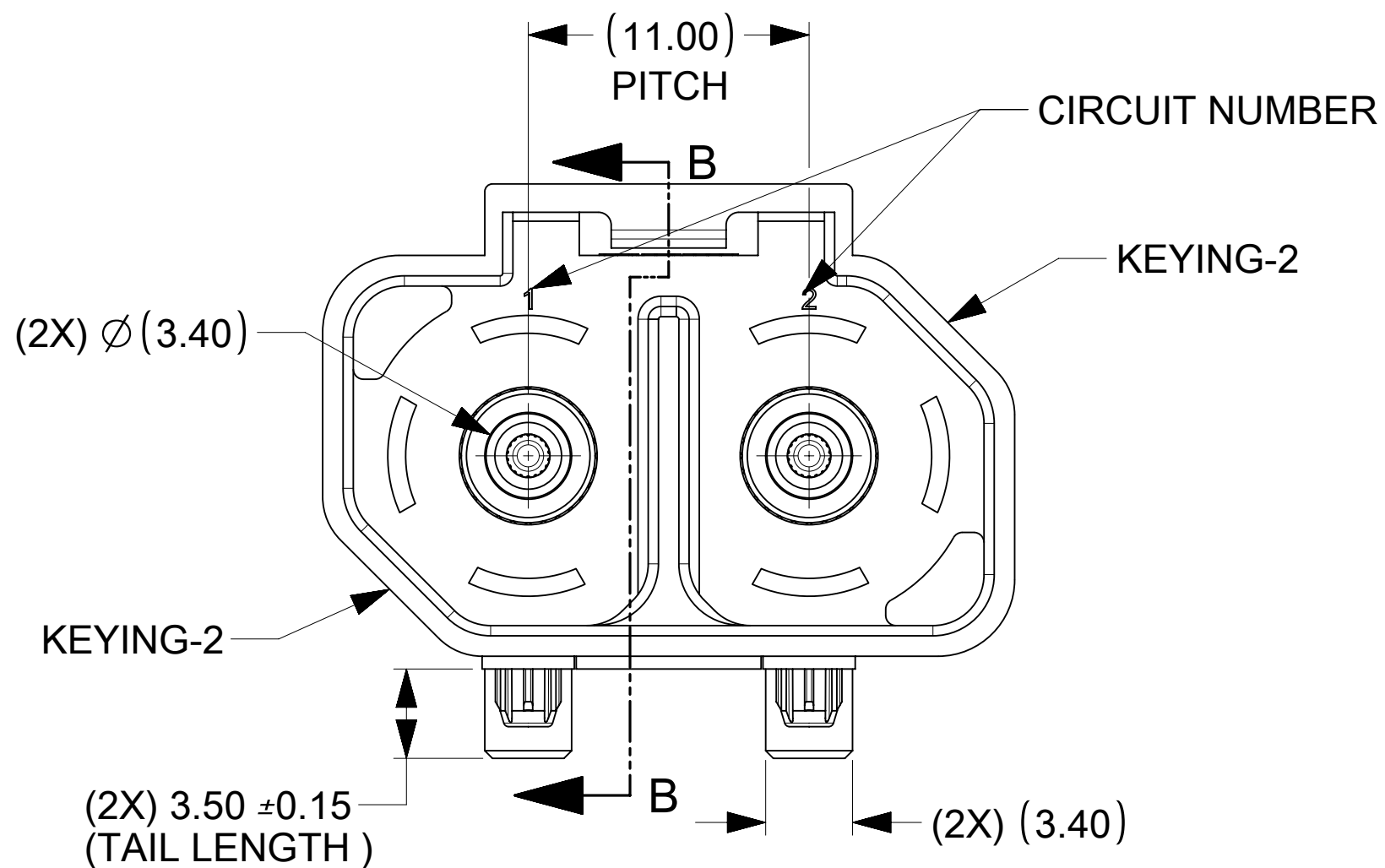
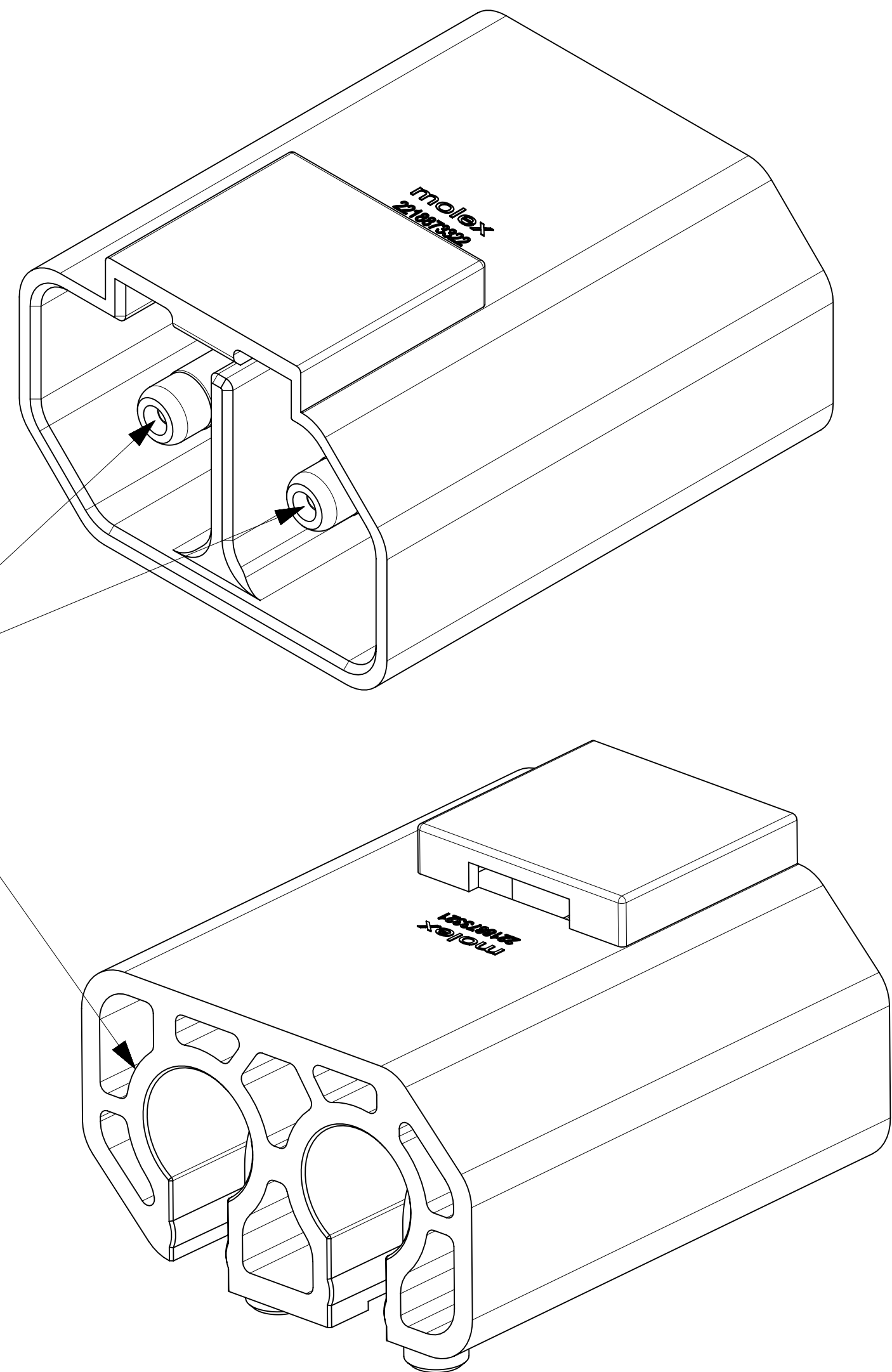
(3X) (0.50)
STAND-OFF

(2X) (2.26)
CRUSH PEG.
(SEE NOTE 11)

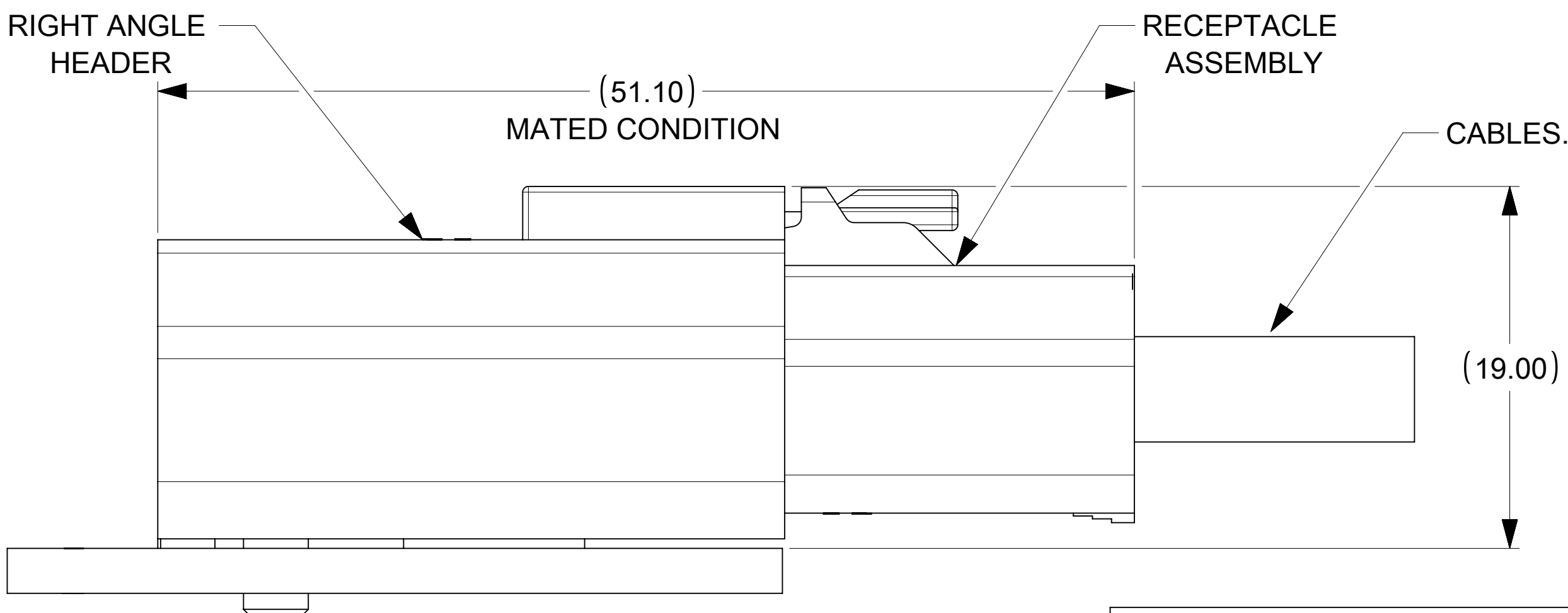
SECTION B-B



SEE NOTE -9



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONES.



FULLY MATED VIEW WITH RIGHT ANGLE HEADER
AND RECEPTACLE HOUSINGS

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DIMENSION UNITS		SCALE		CURRENT REV DESC: PRODUCTION RELEASE				molex 3.4MM R/A HDR_SDDR VERSION. POWERWIZE PRODUCT FAMILY.									
mm		4:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 812235 DRWN: SHIVAM102025/02/10 CHK'D: MBELLE2025/02/10 APPR: MBELLE2025/02/10													
ANGULAR TOL ± 1.0 °																	
4 PLACES		±		INITIAL REVISION: DRWN: SHIVAM102023/03/10 APPR: HTHYAGARAJ2024/07/29													
3 PLACES		±															
2 PLACES		± 0.2		DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION					
1 PLACE		± 0.25		2218873321				PSD		000		A3					
0 PLACES		±		THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						D-SIZE		221887		SEE CHART		GENERAL MARKET		2 OF 2			

PART NUMBER	DESCRIPTION	REMARKS
2218873322	3.4mm RIGHT ANGLE HEADER	NATURAL COLOR KEYING-2

molex

3.4MM R/A HDR_SLD R VERSION.
POWERWIZE PRODUCT FAMILY.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2218873321	PSD	000	A3

DOCUMENT STATUS	P1	RELEASE DATE	2025/02/10	17:38:16
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