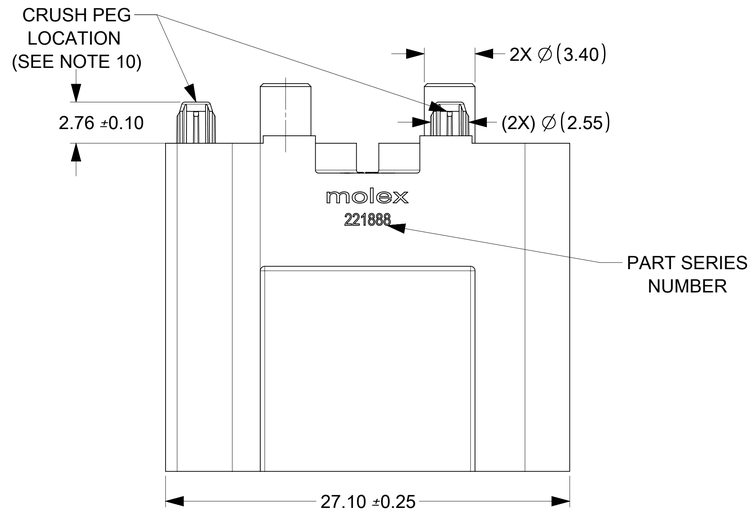
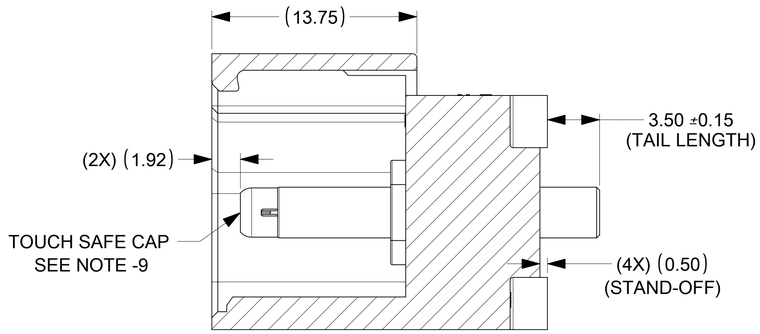
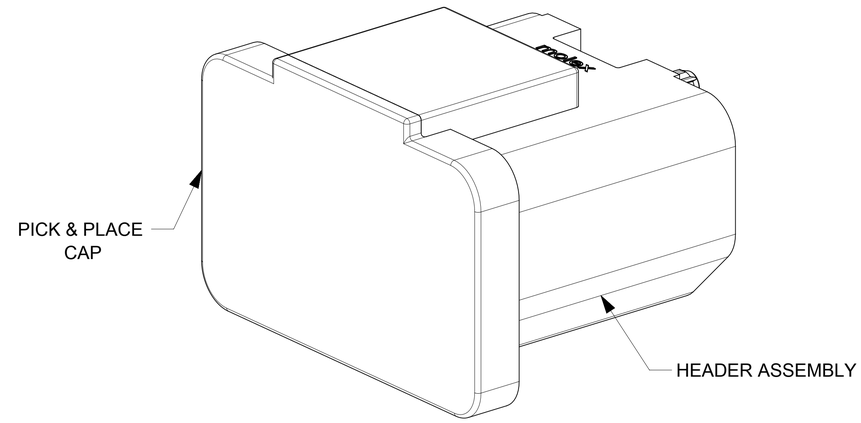
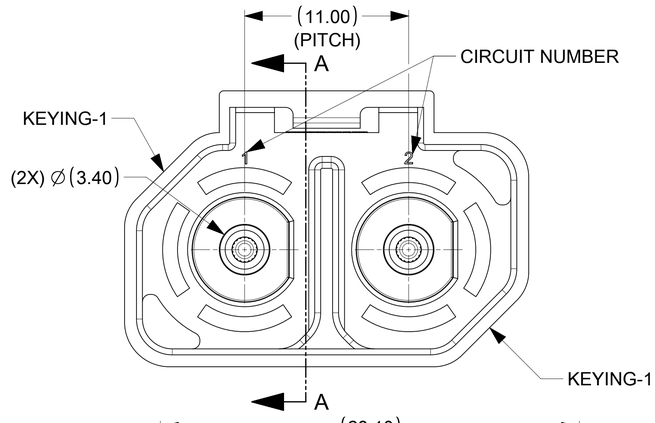
KEYING-1 BLACK COLOR VERTICAL HEADER

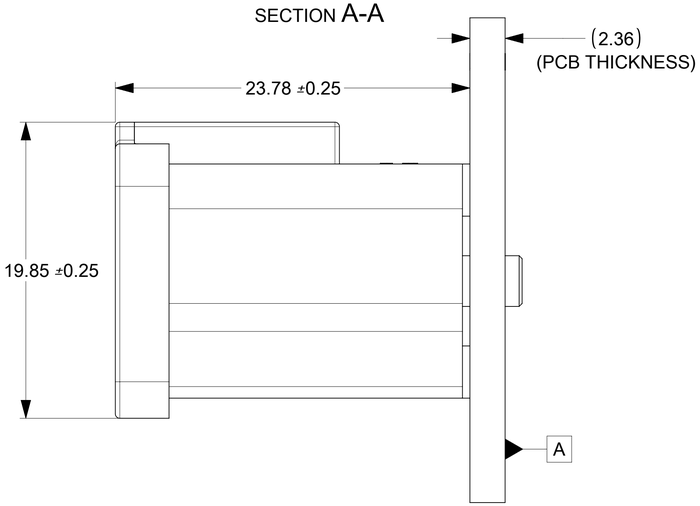


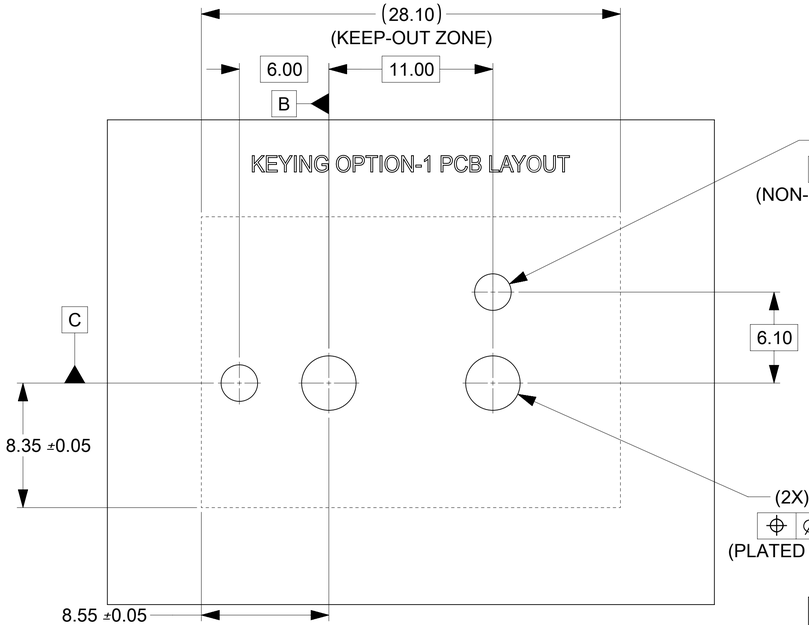




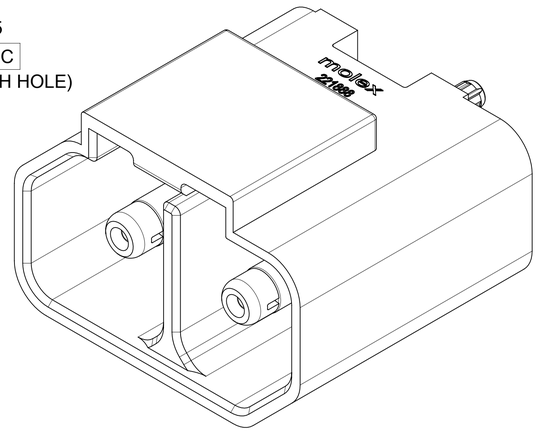


SECTION A-A





RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONES.



NOTES:

1. MATERIAL:
   -HOUSING: LCP UL94 V-0, LOW HALOGEN COMPLIANT.
   -TOUCH SAFE CAP : HIGH TEMP NYLON UL94 V-0, LOW HALOGEN COMPLIANT.
   - PICK & PLACE CAP : HIGH TEMP NYLON UL94 V-0, LOW HALOGEN COMPLIANT
   -TERMINALS : COPPER ALLOY.
2. 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.
4. THE HEADER COMPONENT HAVE THE PICK & PLACE CAP AND TAPE AND REEL PACKAGING : 2218883421-PK.
5. APPLICATION SPECIFICATION : 2215971000-AS.
6. PRODUCT SPECIFICATION : 2215970001-PS.
7. TEST SUMMARY : 2215973000-TS.
8. ASSEMBLY MEETS RoHS REQUIREMENT.
9. THE HEADER HAS A FINGER PROOF TOUCH SAFE DESIGN IN ACCORDANCE WITH IEC-60529 & UL-1977.
10. CRUSH PEG FACILITATES MECHANICAL KEYING BETWEEN THE PCB AND HEADER. ALSO IT OFFER THE OPTIMUM RETENTION FORCE WITH PCB DURING SOLDERING PROCESS
11. THE HEADER MATES WITH RECEPTACLE HOUSING -221597XXXX.

PART NUMBER	DESCRIPTION	REMARKS
2218883421	3.4mm VERTICAL HEADER	BLACK COLOUR/ KEYING-1

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/12 13:57:21

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.2
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: NOTE SECTION ADDED.

EC NO:	849572	
DRWN:	SHIVAM10	2026/03/09
CHK'D:	MBELLE	2026/03/10
APPR:	HTHYAGARAJ	2026/03/12
INITIAL REVISION:		
DRWN:	SHIVAM10	2025/05/08
APPR:	HTHYAGARAJ	2026/03/06

molex

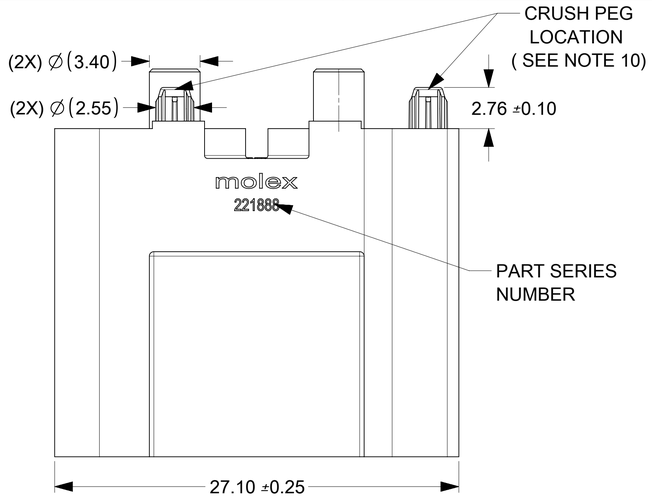
3.4MM VERTICAL HEADER SOLDER T& R POWERWIZE PRODUCT FAMILY.

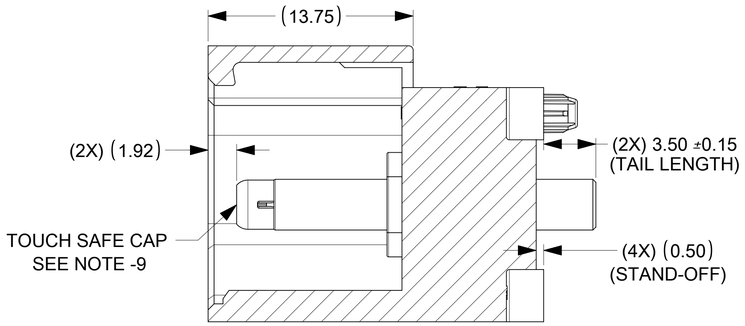
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2218883421	PSD	000	A1

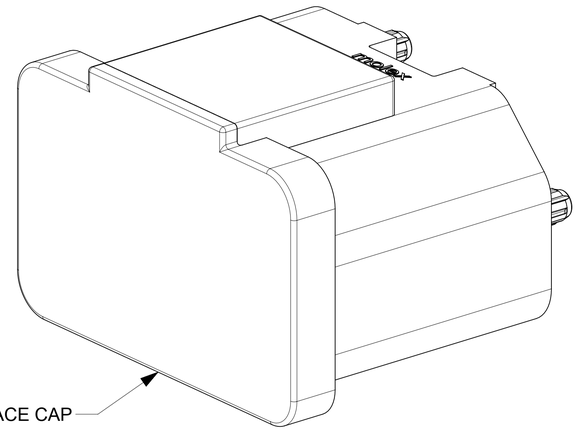
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	221888	SEE CHART	GENERAL MARKET	1 OF 2

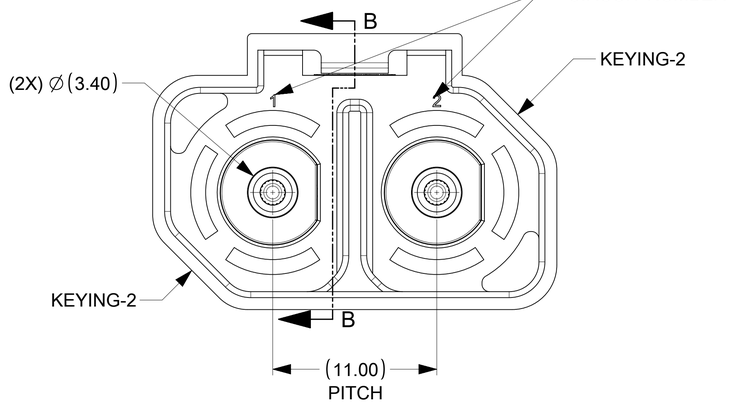
KEYING-2 NATURAL COLOR VERTICAL HEADER

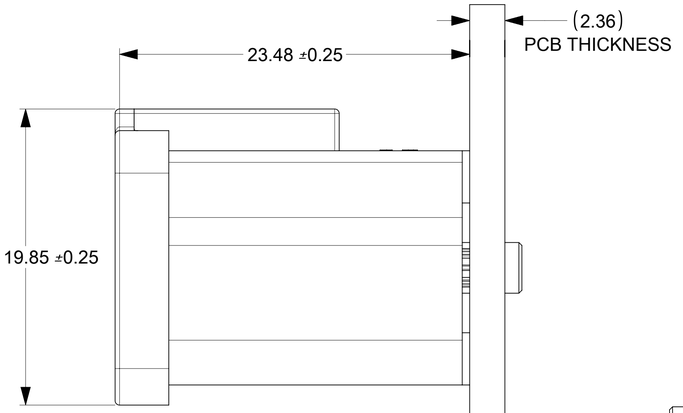


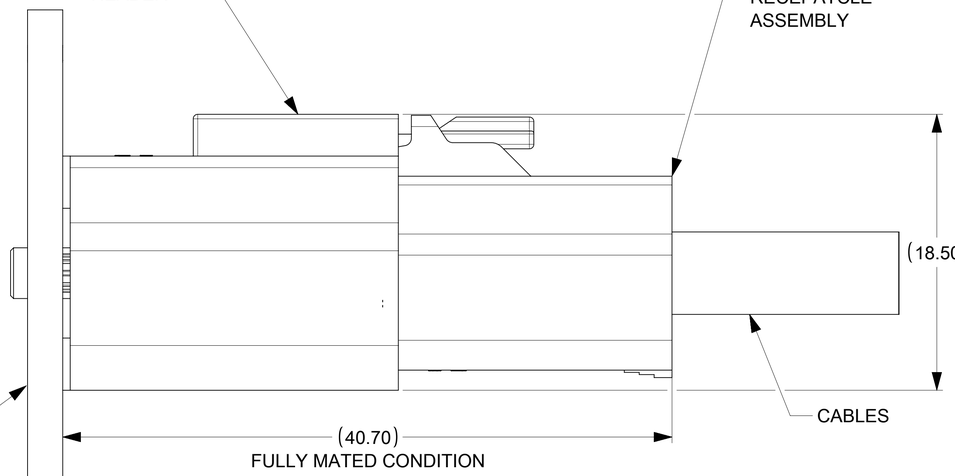


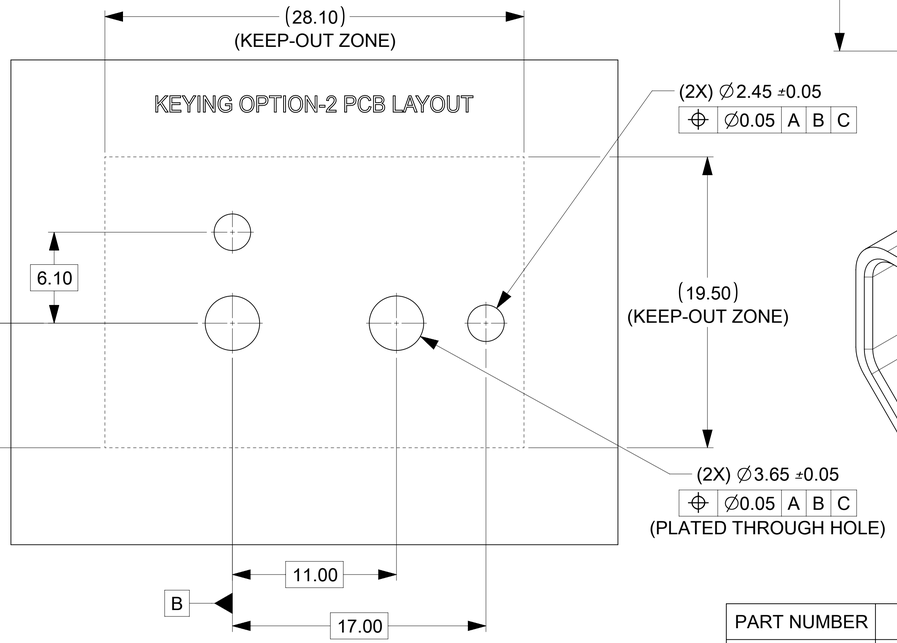
SECTION B-B



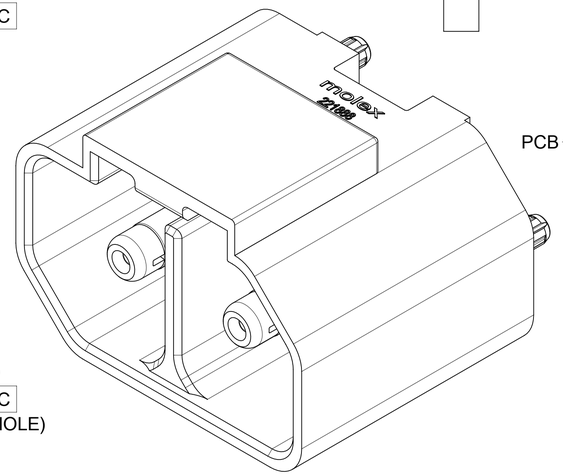








RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONES.



PART NUMBER	DESCRIPTION	REMARKS
2218883422	3.4mm VERTICAL HEADER	NATURAL COLOR/ KEYING-2

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/12 13:57:21

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DIMENSION UNITS	SCALE
mm	3:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.2
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: NOTE SECTION ADDED.

EC NO: 849572
DRWN: SHIVAM10 2026/03/09
CHK'D: MBELLE 2026/03/10
APPR: HTHYAGARAJ 2026/03/12

INITIAL REVISION:
DRWN: SHIVAM10 2025/05/08
APPR: HTHYAGARAJ 2026/03/06

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 221888

molex

3.4MM VERTICAL HEADER SOLDER T& R POWERWIZE PRODUCT FAMILY.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2218883421	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2