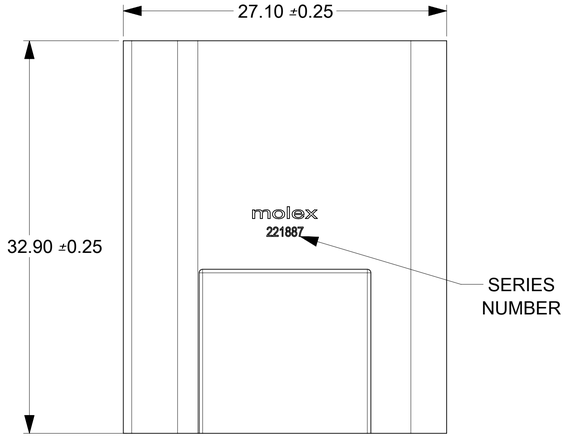
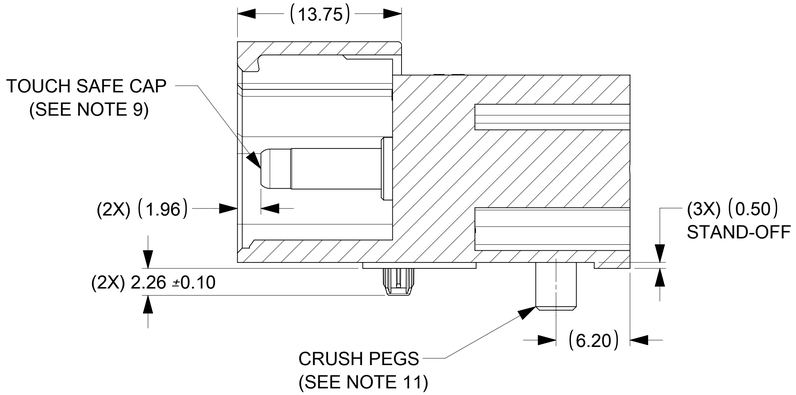
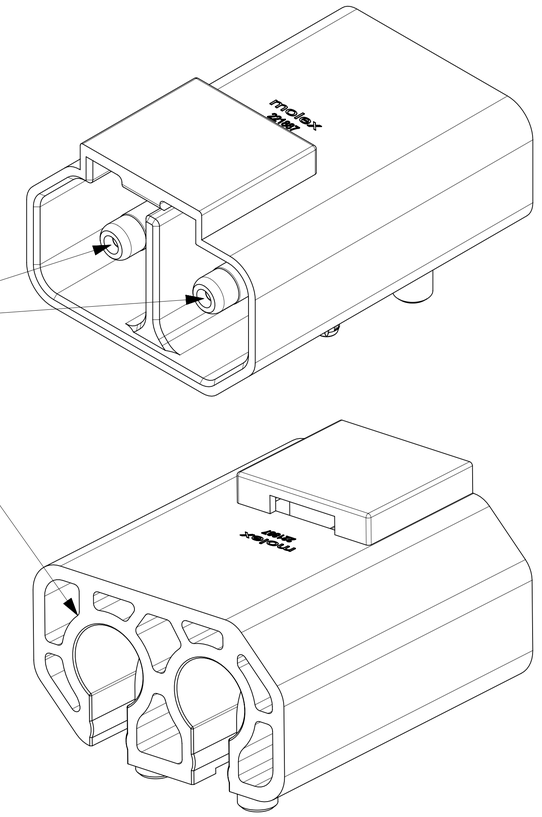
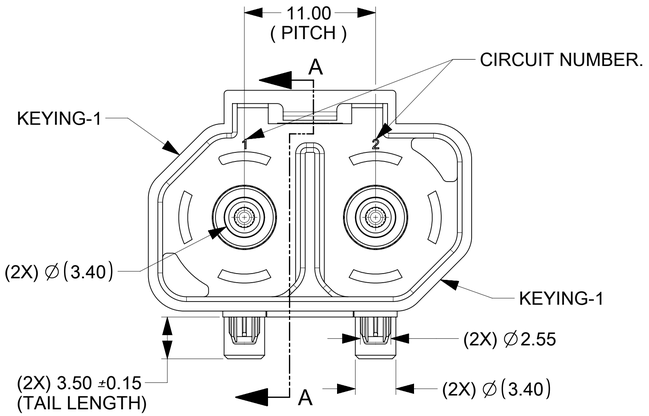
KEYING-1 BLACK COLOR RIGHT ANGLE HEADER

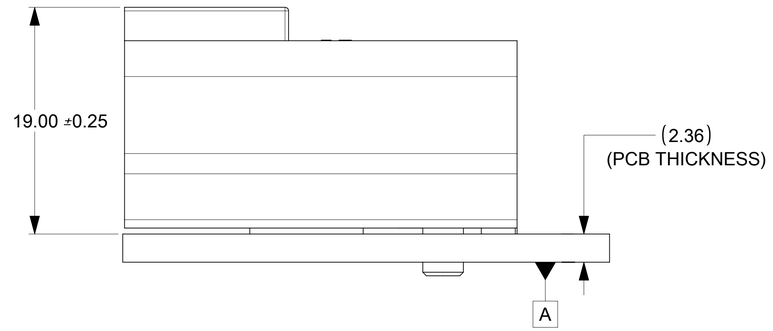


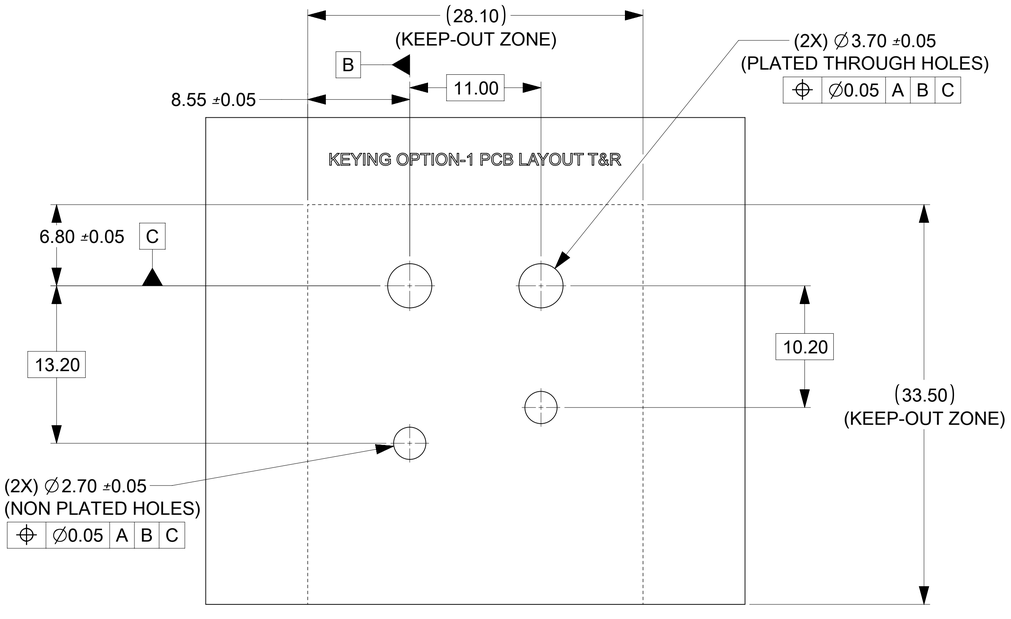


SECTION A-A









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.
   -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 IS TAPE & REEL PACKAGED : 2218873421-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 AT FRONT AND BACK IN ACCORDANCE WITH IEC-60529 AND UL-1977.
10. THE HEADER MATES WITH RECEPTACLE HOUSINGS -221597XXXX.
11. CRUSH PEG FACILITATES MECHANICAL KEYING BETWEEN THE PCB AND HEADER.

PART NUMBER	DESCRIPTION	REMARKS
2218873421	3.4mm RIGHT ANGLE HEADER	BLACK COLOR KEYING-1

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

DIMENSION UNITS	mm
SCALE	4:1
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: INITIAL RELEASE.

EC NO: 849572
DRWN: SHIVAM10 2025/05/07
CHK'D: MBELLE 2026/03/10
APPR: HTHYAGARAJ 2026/03/12

INITIAL REVISION:
DRWN: SHIVAM10 2025/05/07
APPR: HTHYAGARAJ 2026/03/12

molex

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

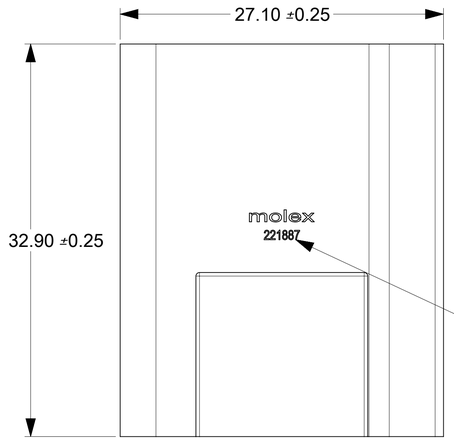
PRODUCT CUSTOMER DRAWING

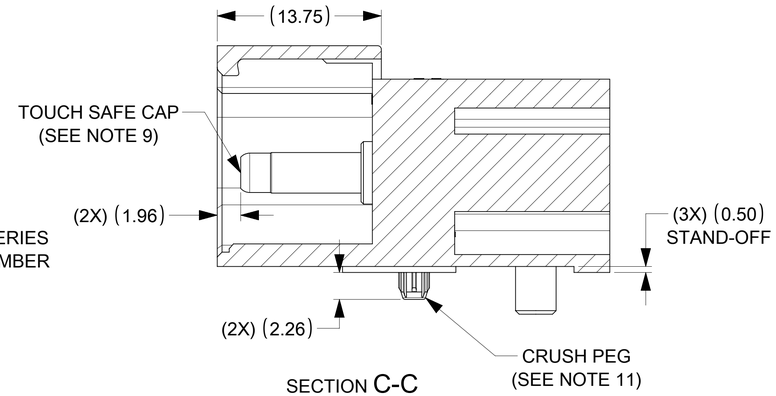
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2218873421	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	221887	SEE TABLE	GENERAL MARKET	1 OF 2

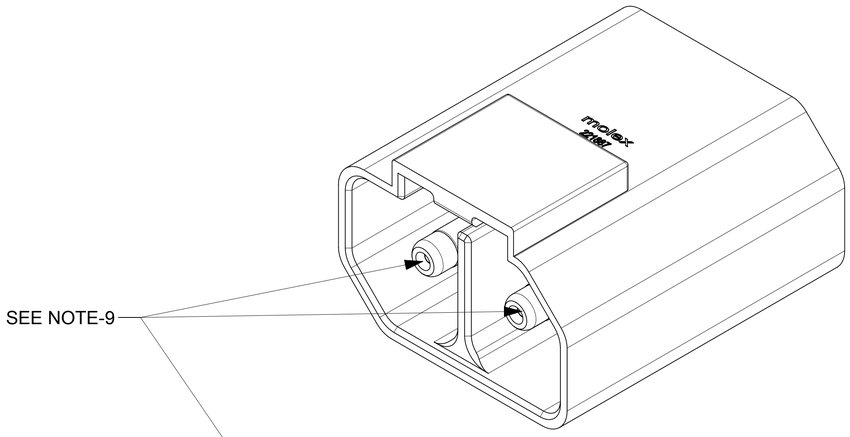
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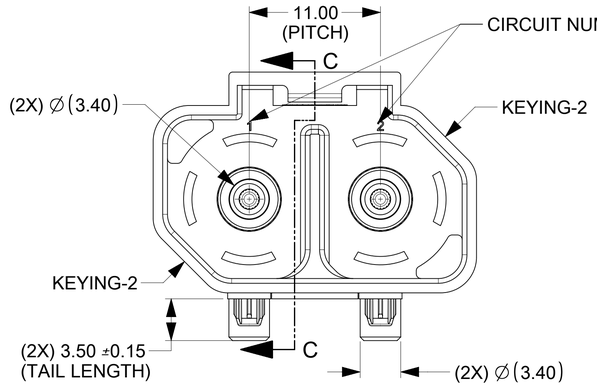
KEYING-2 NATURAL COLOR RIGHT ANGLE HEADER

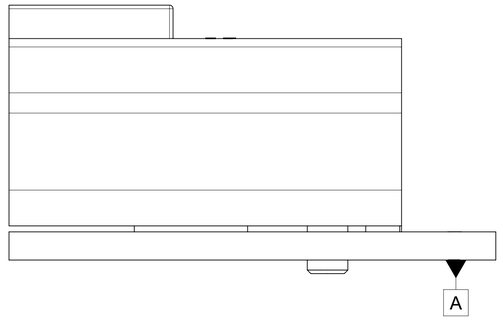


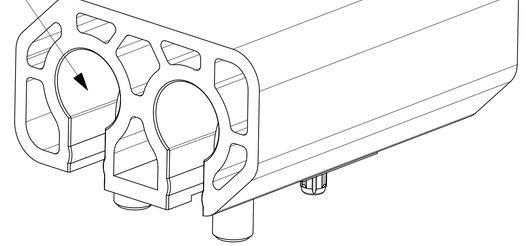


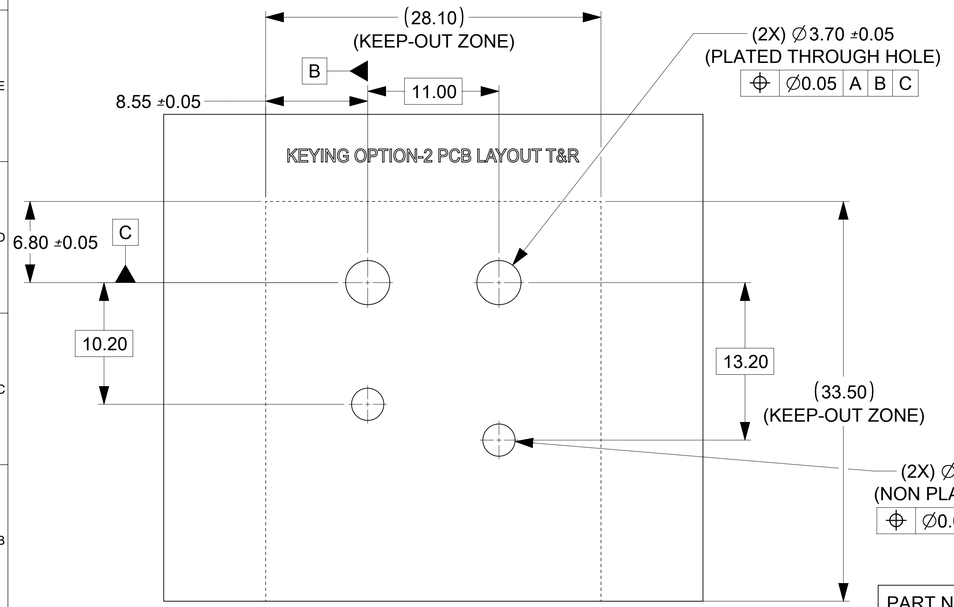
SECTION C-C



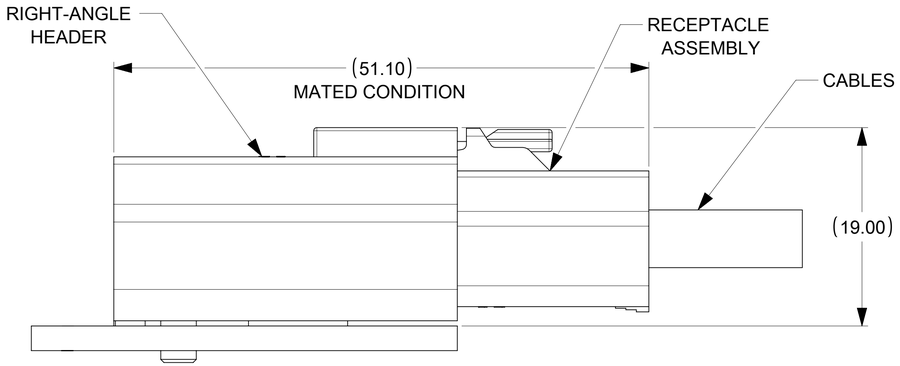








RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONES



FULLY MATED VIEW WITH RIGHT ANGLE HEADER
AND RECEPTACLE HOUSING

PART NUMBER	DESCRIPTION	REMARKS
2218873422	3.4mm RIGHT ANGLE HEADER	NATURAL COLOR KEYING-2

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DIMENSION UNITS	mm
SCALE	4:1
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: INITIAL RELEASE.

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CHK'D: MBELLE 2026/03/10
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INITIAL REVISION:
DRWN: SHIVAM10 2025/05/07
APPR: HTHYAGARAJ 2026/03/12

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2218873421	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	221887	SEE CHART	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/12 13:57:15