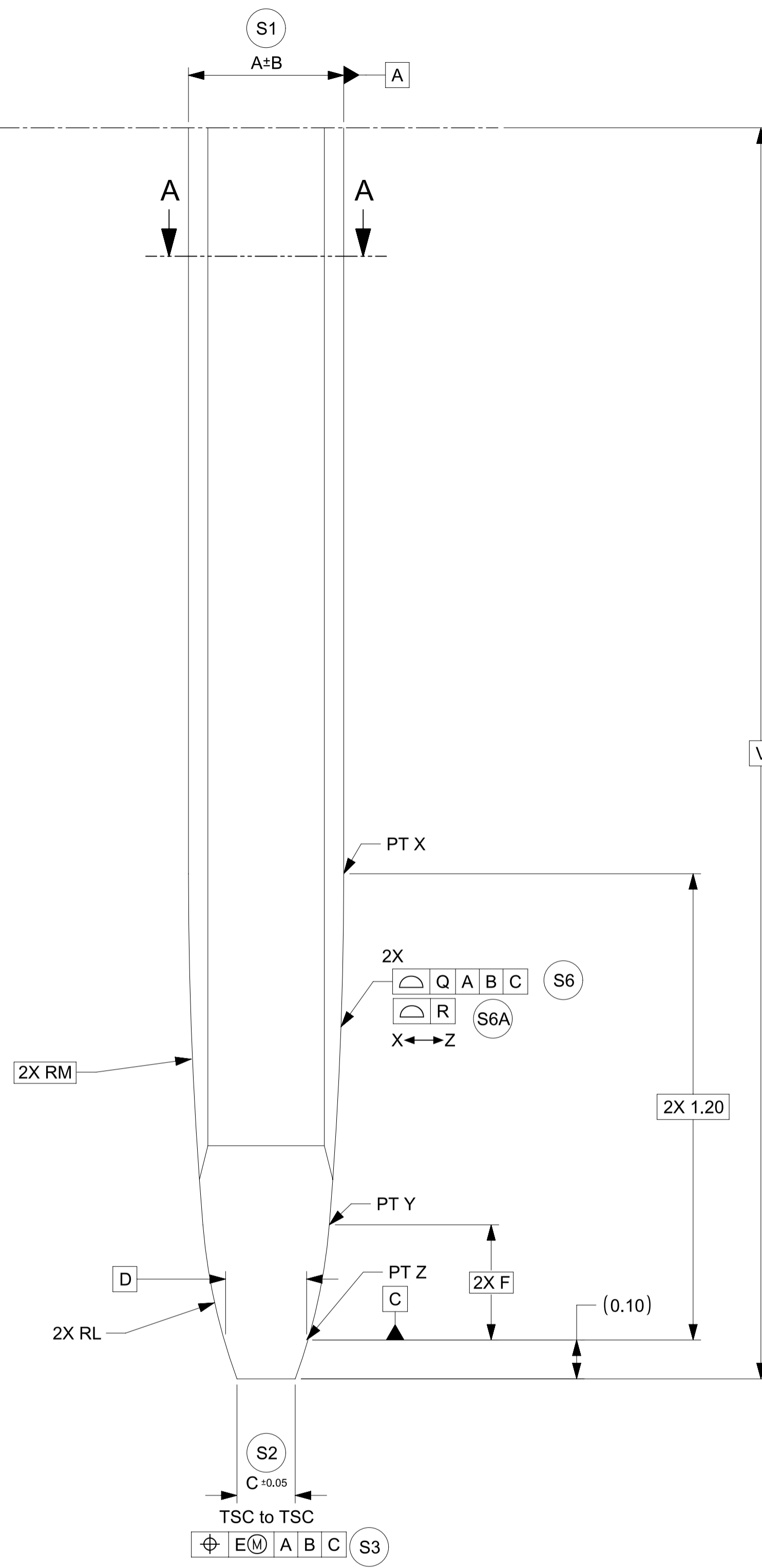
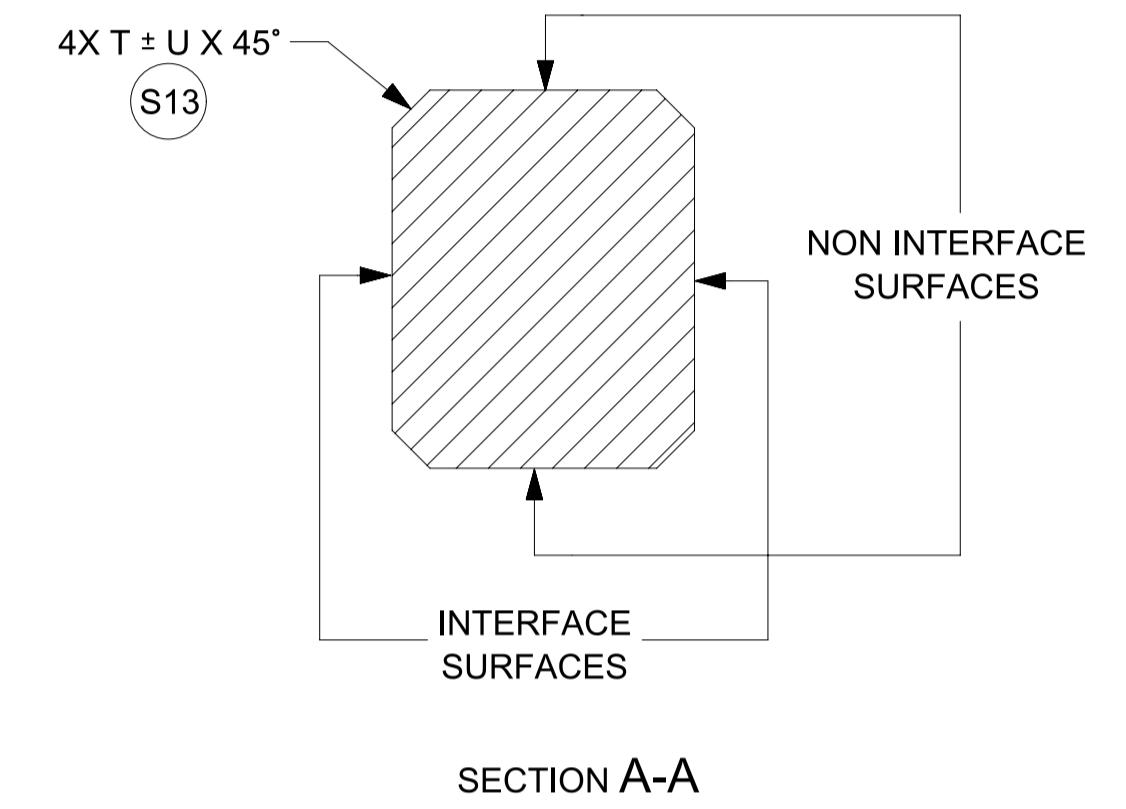


GEOMETRY & PLATING ABOVE THE LINE IS NOT CONTROLLED BY THIS DOCUMENT



SCALE 100:1



SECTION A-A

TABLE 1			DRAWING DIMENSIONS																		
Model NO.	Description	Application	A	B	C	D	E	F	G	H	J	L	M	N	P	Q	R	T	U	V	W
34735-0004_FM_000	0.50mm BLADE	HEADER	0.40	0.015	0.15	0.216	0.05	0.296	0.50	0.03	0.05	1.5	11	0.20	0.50	0.10	0.06	0.05	0.03	4.0 MIN	0.08
34735-0001_FM_000	0.64mm BLADE - NORMAL THICKNESS	HEADER	0.64	0.03	0.25	0.356	0.10	0.285	0.64	0.03	0.05	1	7	0.25	0.55	0.10	0.06	0.05	0.03	5.5 MIN	0.08
34735-0002_FM_000	0.64mm BLADE - REDUCED THICKNESS	HEADER	0.625	0.015	0.234	0.341	0.10	0.285	0.64	0.03	0.05	1	7	0.25	0.55	0.10	0.06	0.05	0.03	5.5 MIN	0.08
34735-0006_FM_000	1.20mm BLADE	HEADER	0.60	0.015	0.21	0.316	0.10	0.285	1.00	0.05	0.05	1	7	0.59	0.55	0.10	0.06	0.05	0.03	5.5 MIN	0.13
34735-0003_FM_000	1.50mm BLADE	HEADER	0.80	0.03	0.25	0.321	0.10	1.10	1.50	0.05	0.10	4.775	1.083	0.5	1.68	0.10	0.06	0.05	0.03	5.0 MIN	0.13
34735-0010_FM_000	2.8mm BLADE	HEADER	0.80	0.025	0.20	0.345	0.10	0.314	2.50	0.10	0.10	1	4	1.80	1.10	0.15	0.06	0.06	0.05	9.5 MIN	0.25
34735-0011_FM_000	6.3mm BLADE	HEADER	0.80	0.025	0.31	0.345	0.10	0.314	6.0	0.25	0.20	1	4	3.90	1.10	0.15	0.06	0.06	0.05	10.5 MIN	0.13
34735-0012_FM_000	1.20mm BLADE	INLINE	0.60	0.015	0.21	0.316	0.10	0.285	1.20	0.05	0.05	1	7	0.59	0.55	0.10	0.06	N/A	N/A	5.5 MIN	0.13

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<p>DESIGN STANDARD HEADER PIN & BLADE TIP GEOMETRY FOR MATING TO HARNESS TERMINALS</p> <p>PRODUCT SALES DRAWING</p>		
	DIMENSION UNITS	SCALE	PHASE: Design Production				
	mm	100:1	EC NO: CO-000000508				
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: Raghavendra MV				
ANGULAR TOL ± 0.5°		APPR: Deepak Patil		2022-01-31	DOC TYPE DOC PART REVISION		
4 PLACES ± 0.00000		CHKD: Nathan Song		2022-02-07	347350050		
3 PLACES ± 0.0150		APPR: Deepak Patil		2022-02-09			
2 PLACES ± 0.050		INITIAL REVISION:		DOCUMENT NUMBER			
1 PLACE ± 0.10		DRWN: Raghavendra MV		DOC TYPE DOC PART REVISION			
0 PLACES ± 0.00		APPR: Deepak Patil		PSD 000 A21			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A1-SIZE	34735			2 OF 2

NOTES

1. GENERAL:

- 1.1. ALL PRODUCT SPECIFICATIONS AND THEIR RELATED DOCUMENTS USING THIS FEATURE MUST REFERENCE THIS DOCUMENT AS THE CONTROLLING SPECIFICATION AND USE THE SAME BALLOON NUMBERS.
- 1.2. COMPLIANCY TO THIS DOCUMENT:
 - a) COMPLIANCY MAY BE CLAIMED BY MEETING THE REQUIREMENTS IN THIS SPECIFICATION WITH THE DEVIATION IDENTIFIED AND MAY BE REFERENCED IN OTHER DOCUMENTS (DRAWINGS, DVP&R, ETC.) AS 'CONFORMS TO MOLEX 347350050 REV X.X'.
 - b) PRODUCTS DESIGNED AFTER THE DATE OF RELEASE OF THIS DOCUMENT SHALL BE COMPLIANT TO THE CURRENT REVISION OF THIS DOCUMENT.
 - c) PRODUCTS THAT HAVE MET PREVIOUS REVISION(S) OF THIS DOCUMENT SPECIFICATION SHALL STILL BE CONSIDERED 'MOLEX STANDARDS COMPLIANT' TO THOSE REVISIONS AND DO NOT NEED TO BE RE-VALIDATED.
- 1.3. DEVIATIONS TO THIS DOCUMENT ARE ALLOWABLE UNDER THE FOLLOWING CONDITIONS:
 - a) ALL DEVIATIONS SHALL SHOW EQUAL OR BETTER PERFORMANCE (ELECTRICAL/MECHANICAL) AS REQUIRED BY VALIDATION SPECIFICATION.
 - b) EXCEPTIONS ARE CLEARLY IDENTIFIED ON THE PRODUCT SPECIFICATION.
 - c) ALL DEVIATIONS ARE APPROVED BY THE FOLLOWING INDIVIDUALS:
 - PERSON WHO HAS INTERFACE RESPONSIBILITY
 - PERSON WITH DESIGN STANDARD APPROVER AUTHORITY
 - d) ALL RECORDS OF DEVIATION APPROVALS SHALL BE INCLUDED WITH CHANGE NOTICE DOCUMENTATION.

2. DESIGN - MATERIALS:

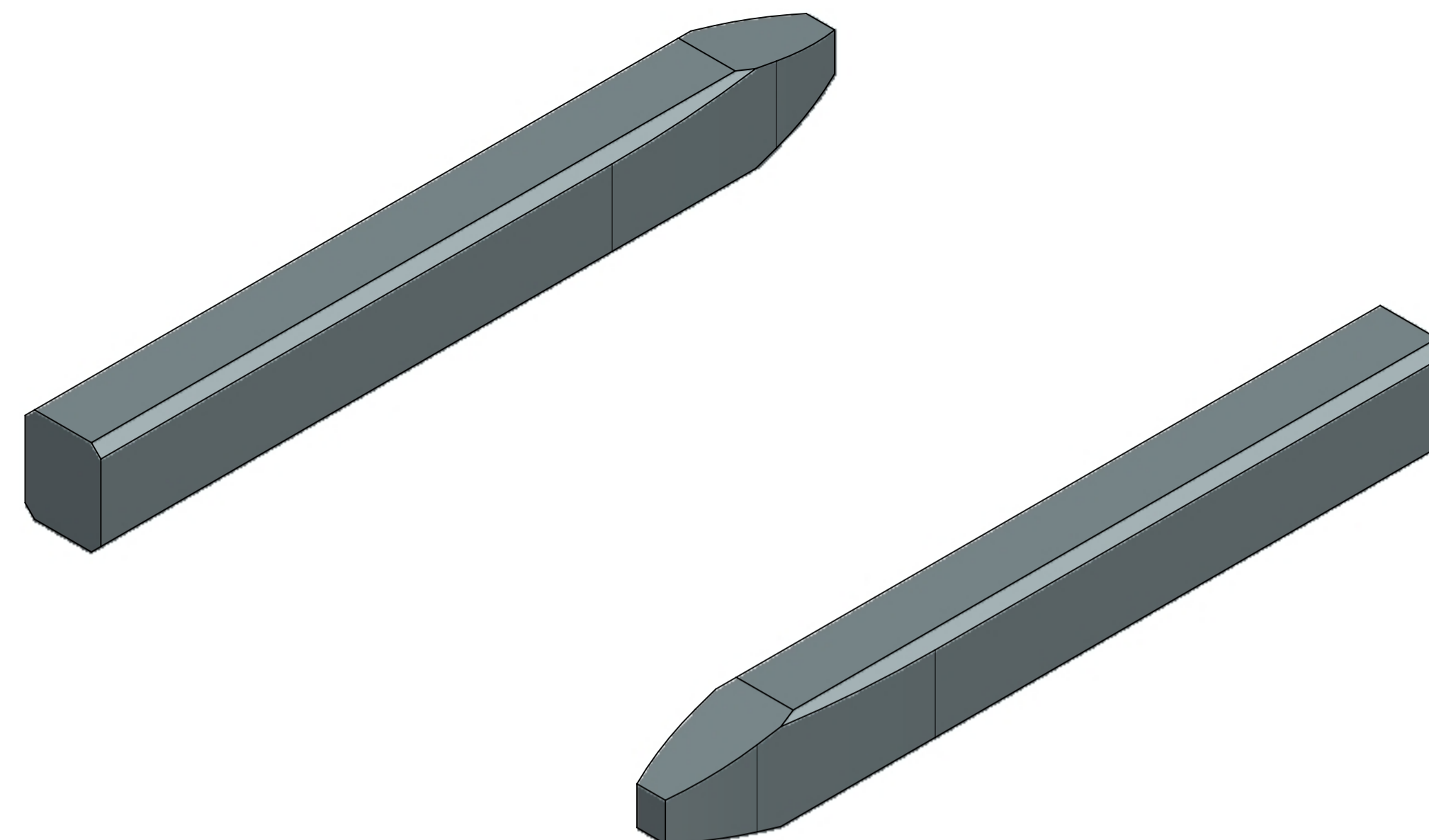
- 2.1. BASE MATERIAL TYPE : COPPER ALLOY

3. DESIGN - GEOMETRY:

- 3.1. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH EXCEPTION TO UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- 3.2. PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
- 3.3. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
- 3.4. EDGES OF UNDEFINED SHAPE PER ISO 13715.
- 3.5. DIMENSIONS AND TOLERANCES APPLY BEFORE AND AFTER PLATING.
- 3.6. GENERAL TOLERANCES: SEE TITLE BLOCK

4. DESIGN - MANUFACTURING:

- 4.1. ANY REMAINING PROCESS LUBRICANT MUST NOT VARNISH OR DEGRADE ELECTRICAL PERFORMANCE. PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER.
- 4.2. ALLOWABLE BURR: 0.03mm MAX UNLESS OTHERWISE SPECIFIED
- 4.3. FOR UNPLATES BLADES - TOOLING MARKS SPANNING ACROSS OR ALONG THE INTERFACING PROFILE OF THE BLADE SHOULD BE FURTHER INSPECTED. A TOOLING MARK DEEPER THAN 1 MICRON SHOULD NOT BE ACCEPTED.



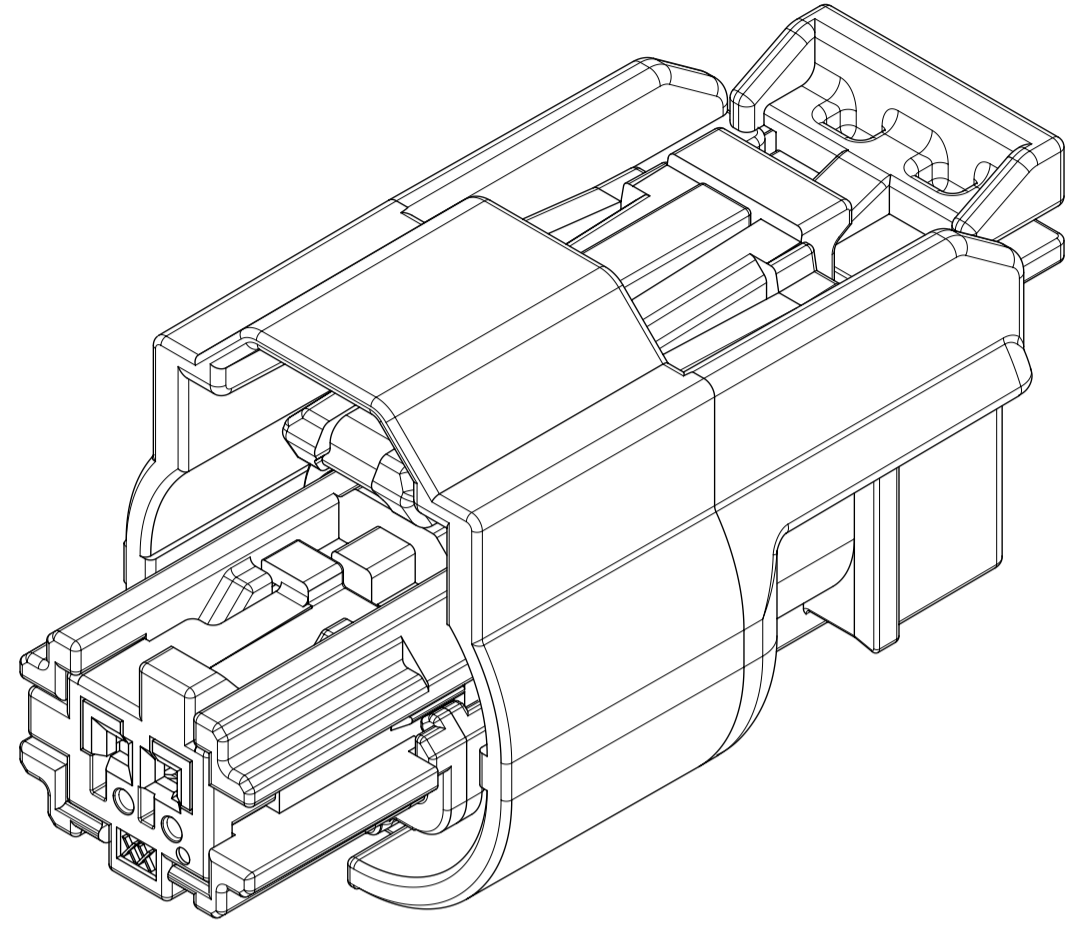
SCALE 50:1

0.5 MM PIN VIEW SHOWN FOR REPRESENTATION PURPOSES ONLY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:						
$\frac{F}{A} = 0$	mm	50:1	PHASE: Design Production EC NO: CO-00000508 DRWN: Raghavendra MV 2022-01-31 CHK'D: Nathan Song 2022-02-07 APPR: Deepak Patil 2022-02-09						
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)								
$\frac{F}{P} = 0$	ANGULAR TOL ± 0.5°								
DIVISIONAL SYMBOLS	4 PLACES ± 0.00000								
	3 PLACES ± 0.0150		INITIAL REVISION:						
	2 PLACES ± 0.050		DRWN: Raghavendra MV 2022-01-31						
	1 PLACE ± 0.10		APPR: Deepak Patil 2022-02-09						
	0 PLACES ± 0.00		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
		A1-SIZE	34735			1 OF 2			
			molex						
			DESIGN STANDARD HEADER PIN & BLADE TIP GEOMETRY FOR MATING TO HARNESS TERMINALS						
			PRODUCT SALES DRAWING						
			DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION			
			347350050	PSD	000	A21			

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3	RECEPTACLE CONNECTOR ASSEMBLY

PART NUMBER AND MATING INTERFACE CHART					
PART NUMBER	KEY	COVER COLOR	CPA INCLUDED	INTERFACE PART NUMBER	
349672001	A	BLACK	YES	349682801	
349672002	B	LIGHT GRAY	YES	349682802	
349672003	C	DARK GRAY	YES	349682803	
349672004	D	STONE GRAY	YES	349682804	
349672005	A	BLACK	NO	349682801	
349672006	B	LIGHT GRAY	NO	349682802	
349672007	C	DARK GRAY	NO	349682803	
349672008	D	STONE GRAY	NO	349682804	



SCALE 5:1

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- A. APPLICATION SPECIFICATION SEE: AS-34894-0001
-CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
- B. TERMINALS TO BE USED WITH THIS ASSEMBLY:
MOLEX CTX50 SEALED RECEPTACLE TERMINALS
FOR INFORMATION ON TERMINALS SEE MOLEX DRAWING 349050400 AND TERMINAL PRODUCT SPECIFICATION PS-34905-001.
- C. CONNECTOR PRODUCT SPECIFICATION SEE 349670001 PS
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS AND PRODUCT VALIDATION.
VALIDATED TO USCAR 2 REV 6.
RATINGS: T3 V1 S2

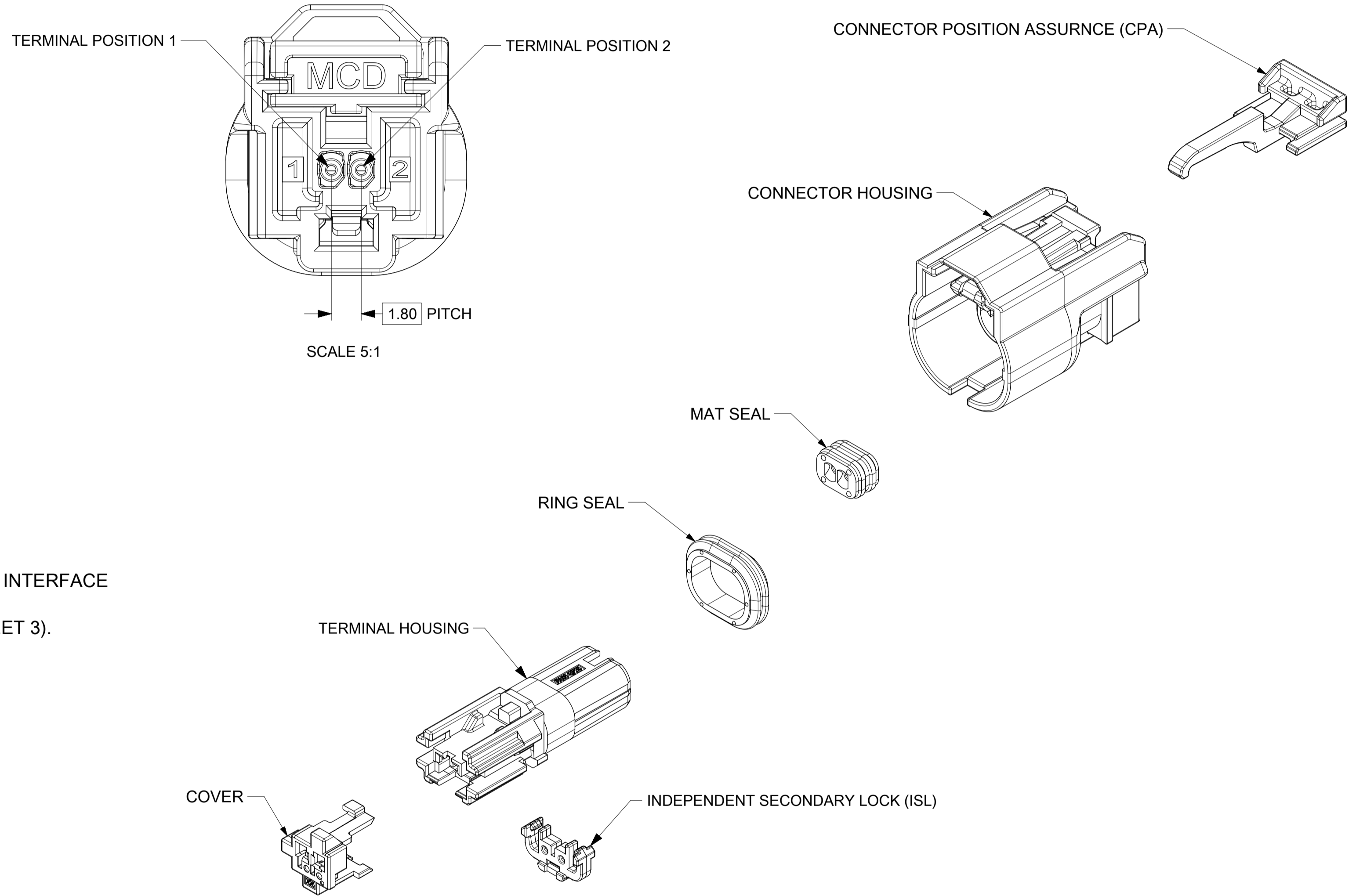
- D. DESIGNED TO MATE WITH DEVICE INTERFACE AS SPECIFIED IN PART NUMBER AND INTERFACE CHART. SEE MOLEX DRAWING 349682800 FOR INTERFACE SPECIFICATION.
- E. ASSEMBLY SHIPPED WITH ISL IN PRE-LOCK POSITION (SEE ISL PRE-LOCK VIEW SHEET 3).
- F. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-898
- G. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
- H. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

- CONNECTOR HOUSING: PA66, GF35, BLACK
- TERMINAL HOUSING: PA66, GF35, BLACK
- COVER: PA66, GF35, COLORS IN PART NUMBER CHART
- ISL: SPS, GF30, NATURAL
- MAT SEAL: INHERENTLY LUBRICATED SILICONE, ROYAL BLUE
- RING SEAL: INHERENTLY LUBRICATED SILICONE, ROYAL BLUE
- CPA (OPTIONAL): PBT, GF30, RED

3. DESIGN - GEOMETRY:

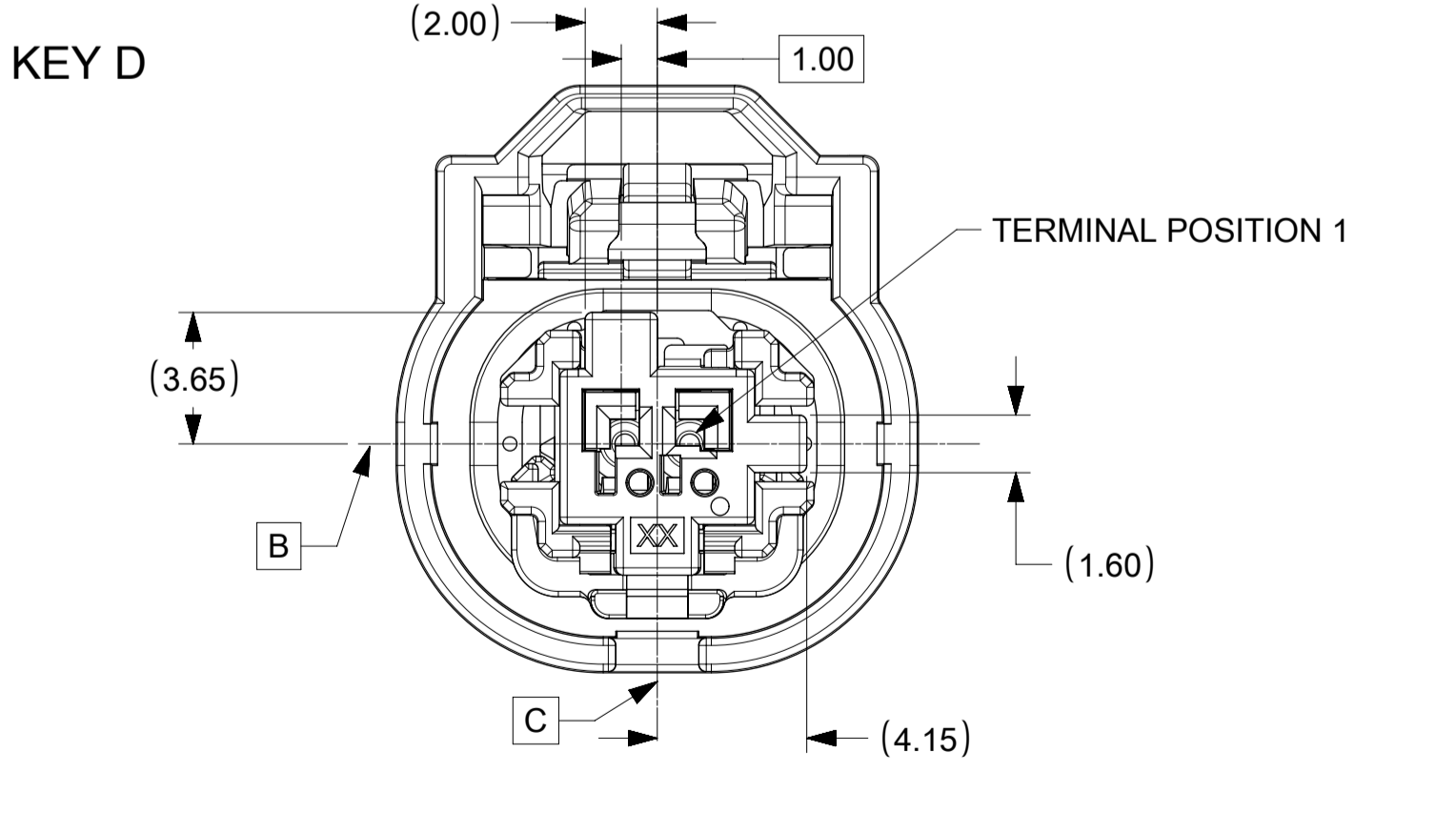
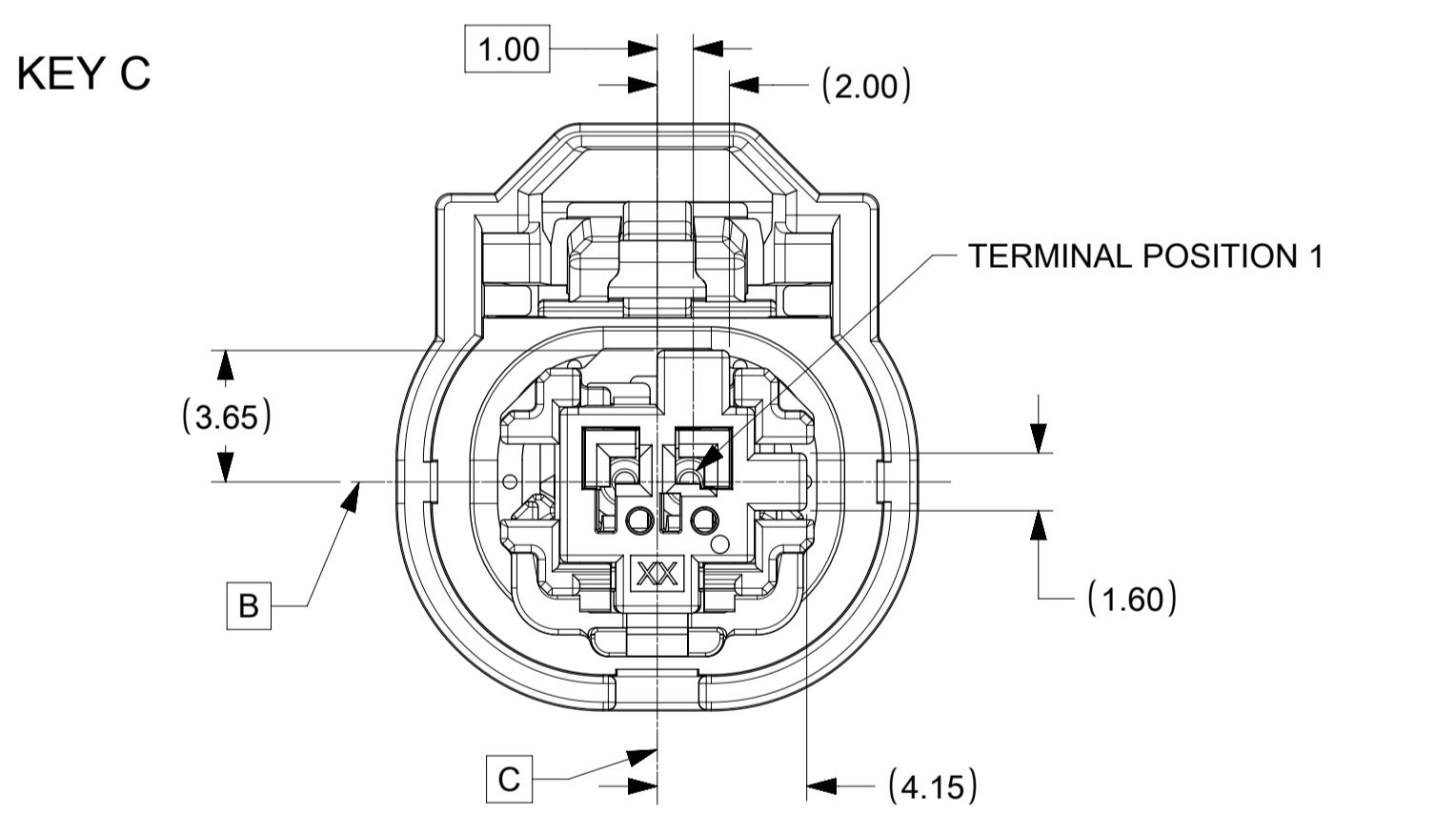
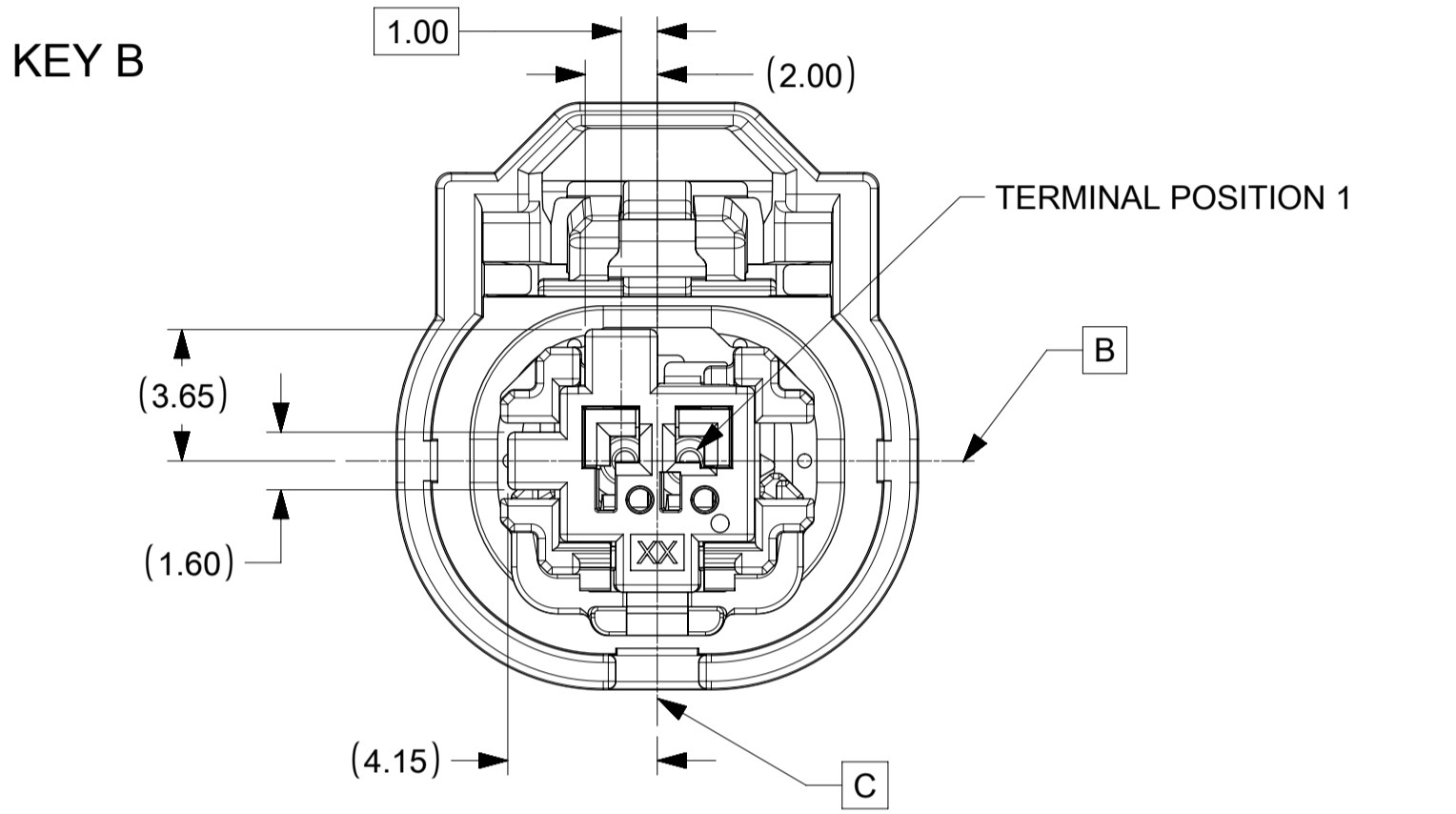
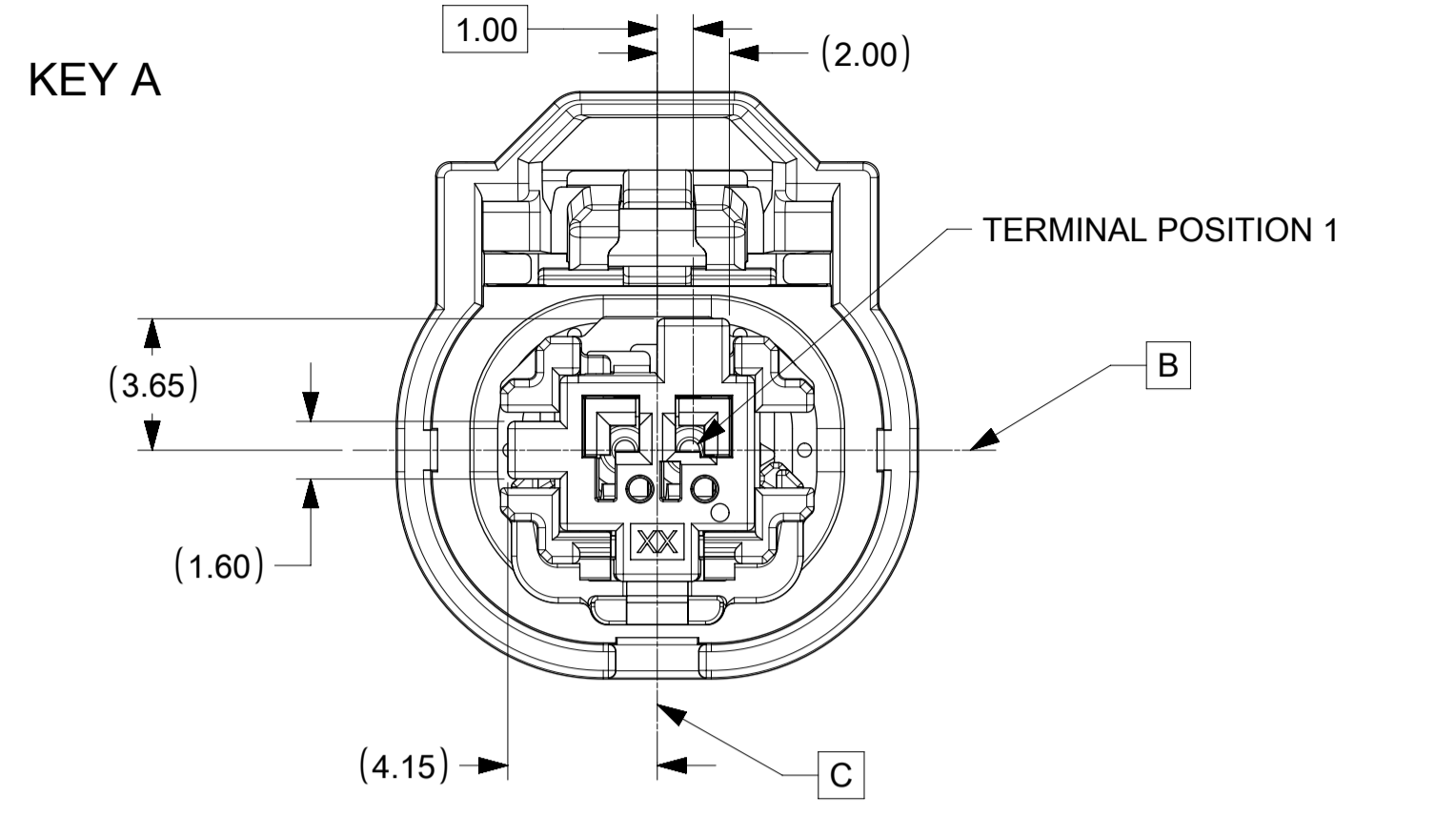
- A. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
- B. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
- C. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- D. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- E. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD.
THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- F. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B).
- G. PARTS ARE LASER MARKED WITH PART NUMBER AND DATE CODE



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REMOVED DEVELOPMENT NOTICE		
	DIMENSION UNITS	SCALE	EC NO: 612798		
▽ = 0	mm	3:1	DRWN: MLI149 2019/02/28		PRODUCT CUSTOMER DRAWING
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: JCONDON 2019/02/28		
▽ = 0	ANGULAR TOL ± 3.0°		APPR: JCONDON 2019/02/28		DOCUMENT NUMBER
▽ = 0	4 PLACES ±		INITIAL REVISION:		349672000
▽ = 0	3 PLACES ±		DRWN: MLI149 2017/05/10		PSD 000 A2
▽ = 0	2 PLACES ± 0.1		APPR: JCONDON 2017/09/13		REVISION
▽ = 0	1 PLACE ± 0.2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NUMBER
⊠ = 0	0 PLACES ±		THIRD ANGLE PROJECTION	DRAWING	CUSTOMER
■ = 0			A1-SIZE	SERIES	SHEET NUMBER
▽ = 0			34967	SEE CHART	1 OF 3

SHEET DESCRIPTION

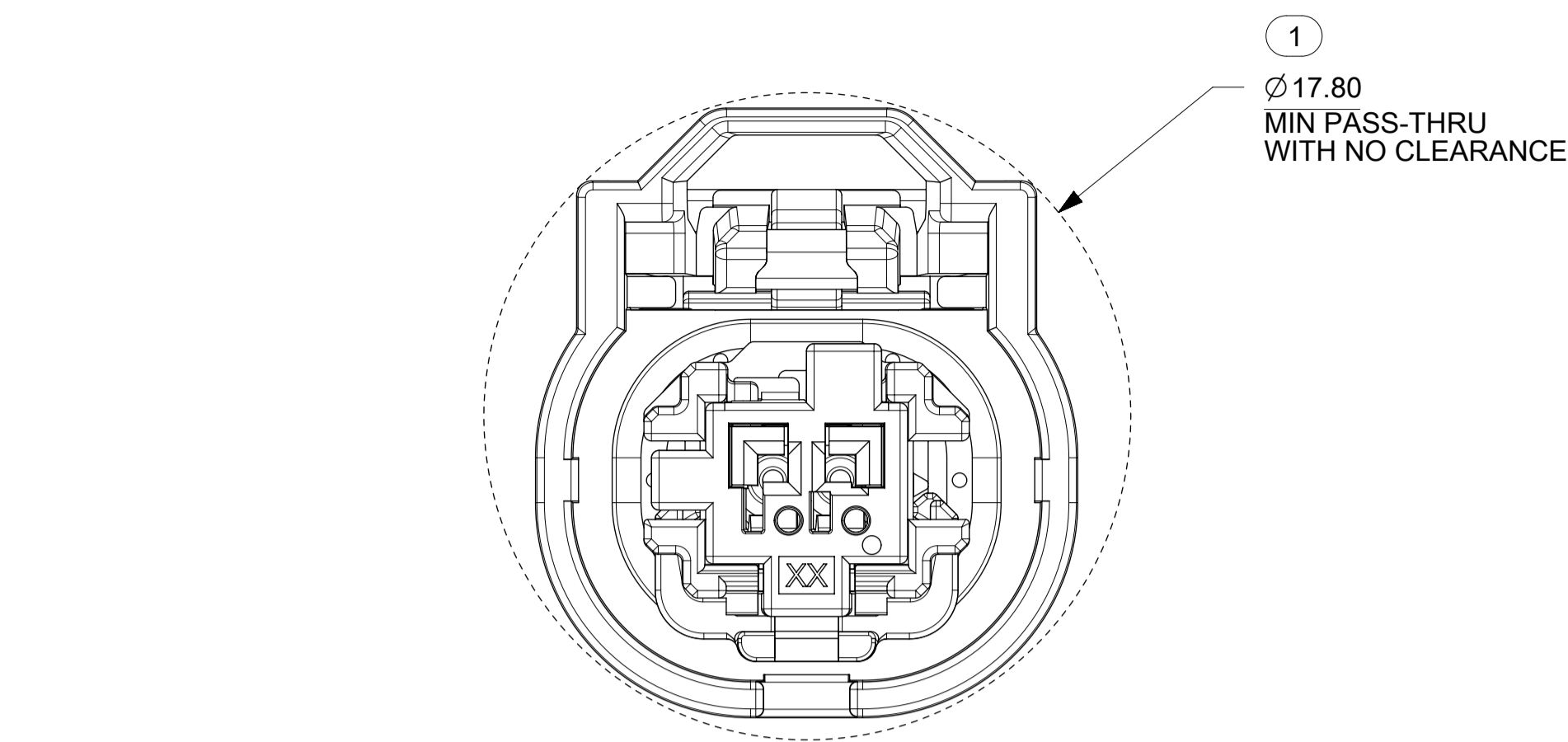
KEY CONFIGURATIONS



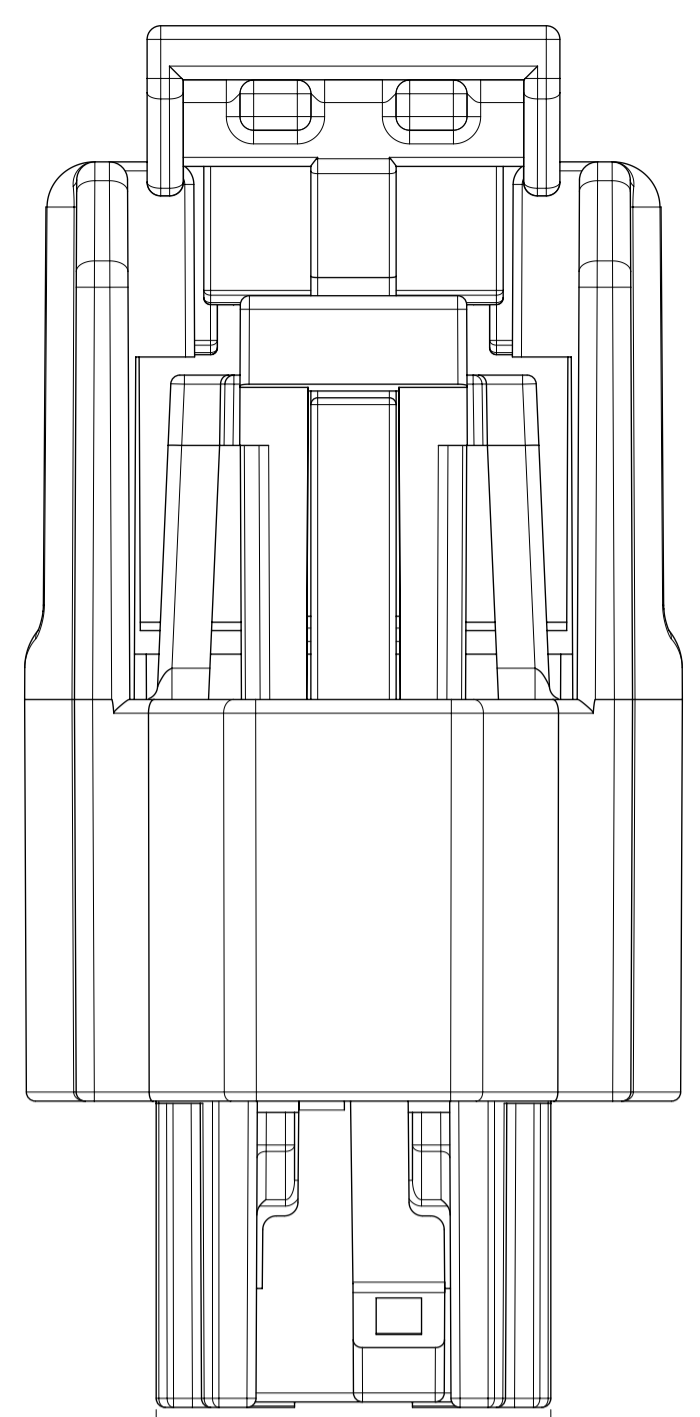
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED DEVELOPMENT NOTICE
▽ = 0	mm	5:1	<p>molex</p> <p>MINI50 SEALED 1X2 RCPT ASSY</p> <p>PRODUCT CUSTOMER DRAWING</p>
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
▽ = 0	ANGULAR TOL ± 3.0°		
▽ = 0	4 PLACES ±	EC NO: 612798	
▽ = 0	3 PLACES ±	DRWN: MLI149 2019/02/25	
▽ = 0	2 PLACES ± 0.1	CHK'D: JCONDON 2019/02/28	
▽ = 0	1 PLACE ± 0.2	APPR: JCONDON 2019/02/28	
▽ = 0	0 PLACES ±	INITIAL REVISION:	
⊠ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<p>DOCUMENT NUMBER</p> <p>349672000</p>
⊠ = 0	THIRD ANGLE PROJECTION	DRAWING	DOC TYPE DOC PART REVISION
		A1-SIZE	PSD 000 A2
		SERIES	MATERIAL NUMBER CUSTOMER SHEET NUMBER
		34967	SEE CHART 2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/28 21:35:58
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SHEET DESCRIPTION
RECEPTACLE CONNECTOR ASSEMBLY

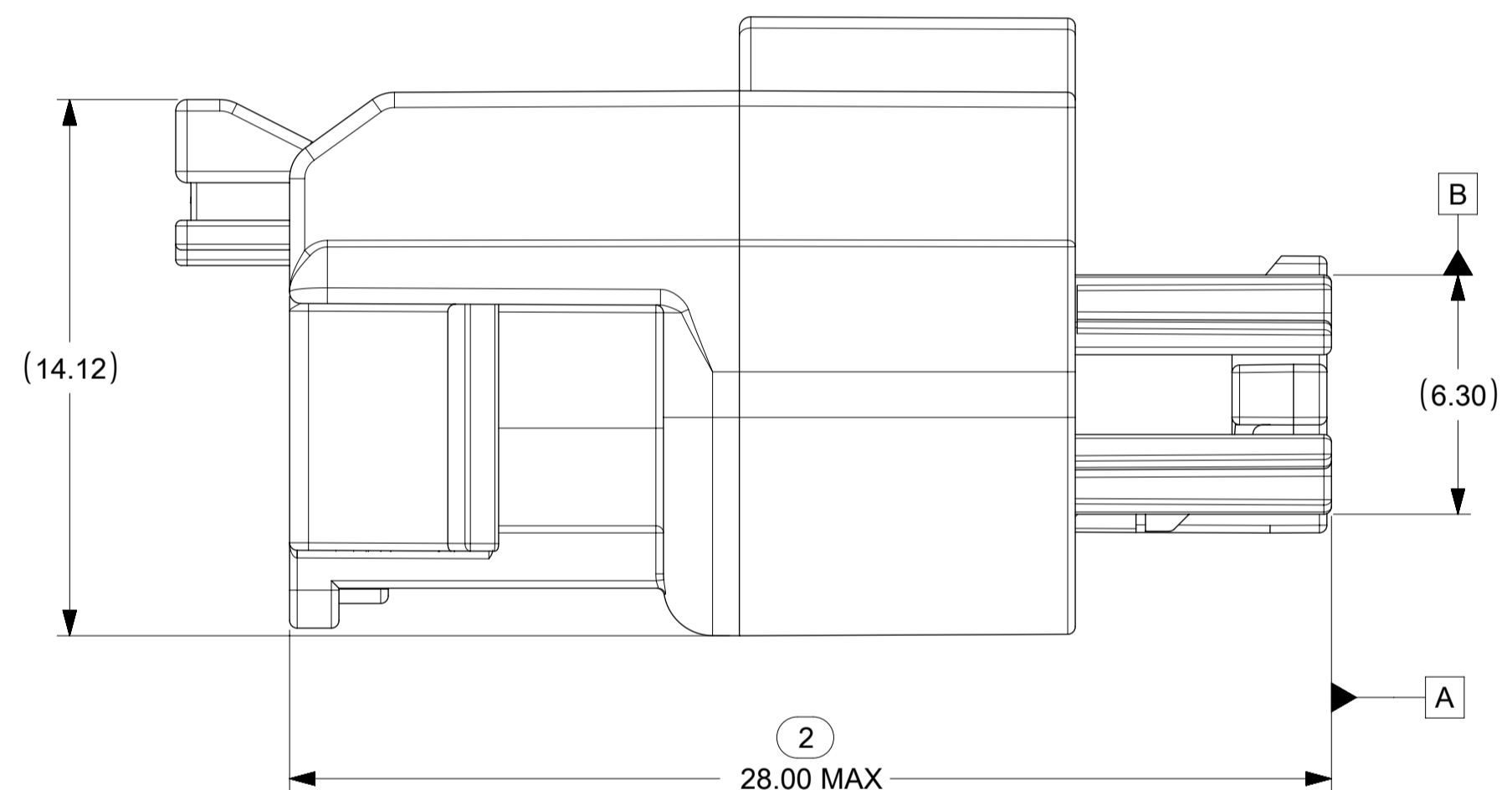


① \varnothing 17.80
MIN PASS-THRU
WITH NO CLEARANCE



(8.70) C

0.90 C
1.80 C

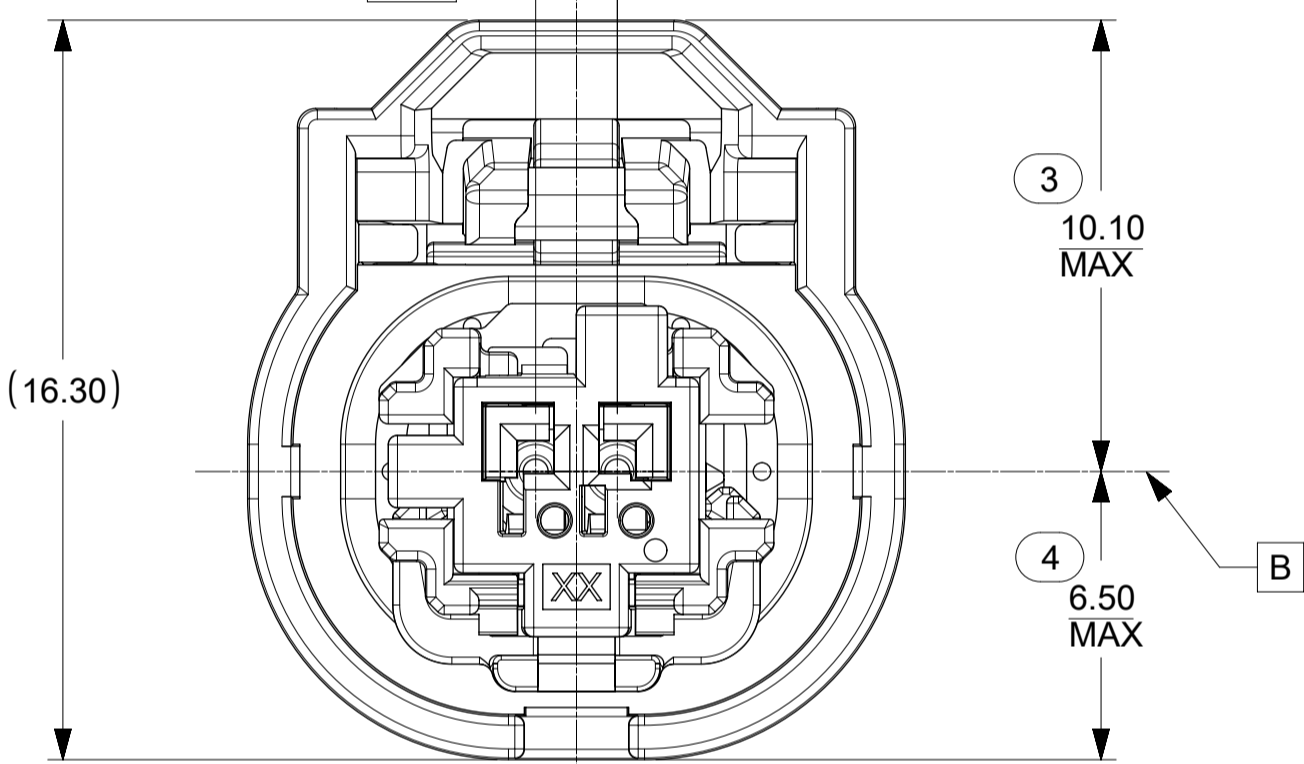


B

(6.30)

② 28.00 MAX

A

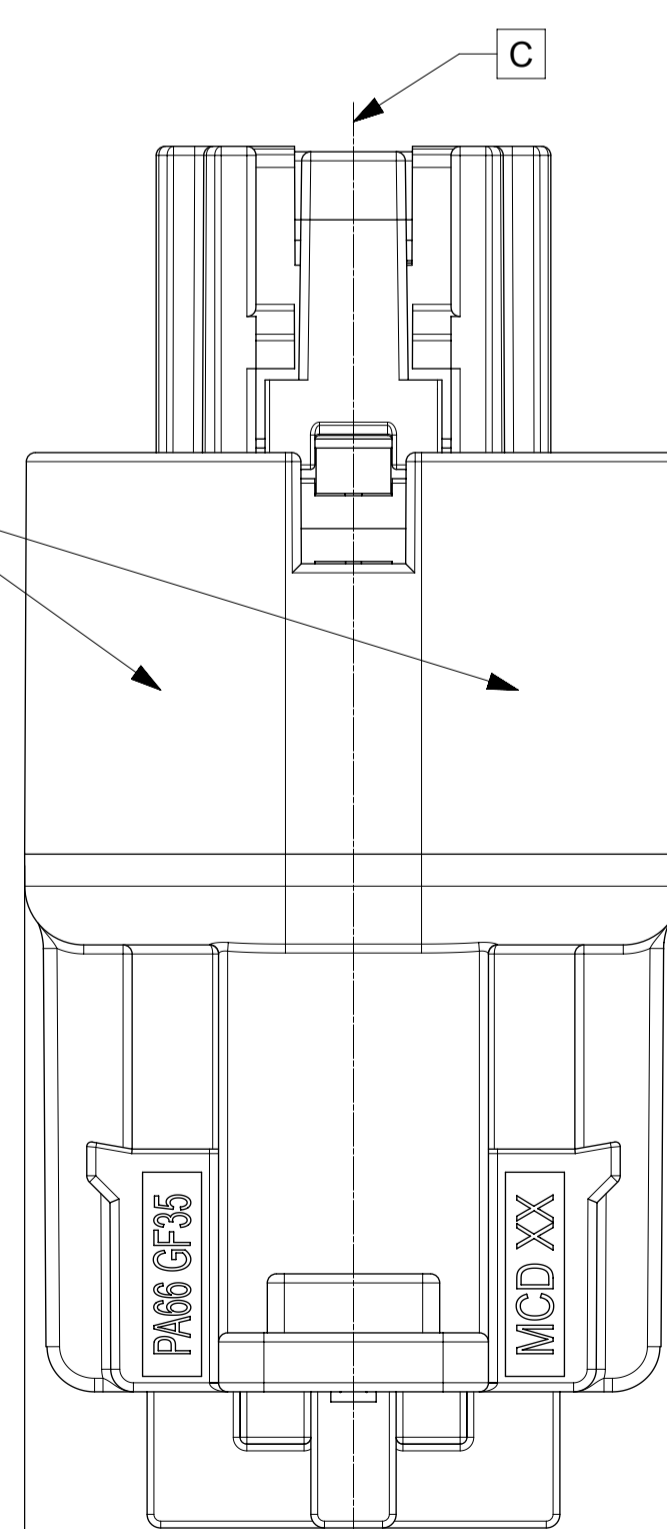


③ 10.10 MAX

④ 6.50 MAX

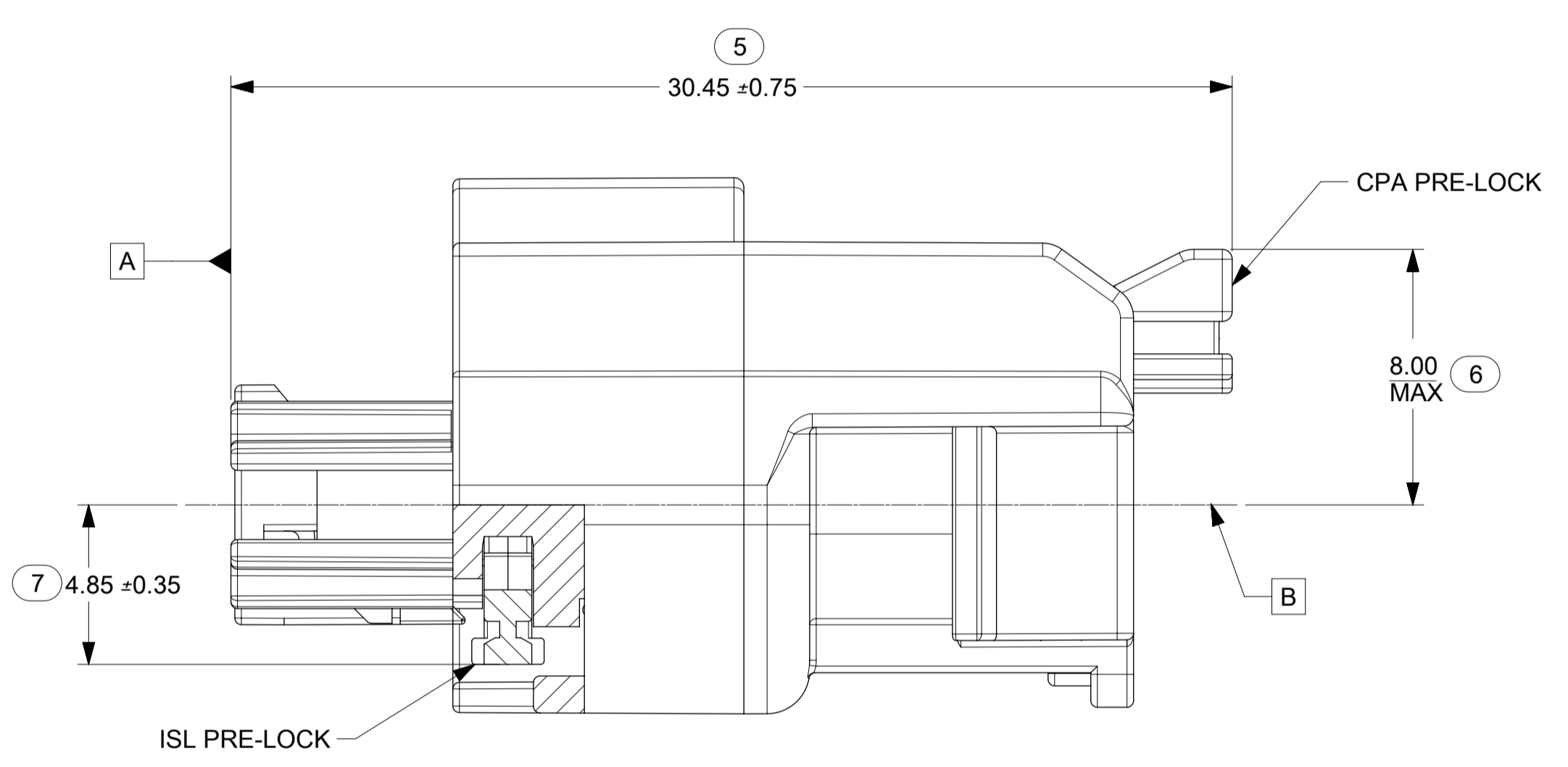
B

LASER MARKING:
PART # & DATE CODE



⑧ 2X 7.40 MAX.

(14.50)

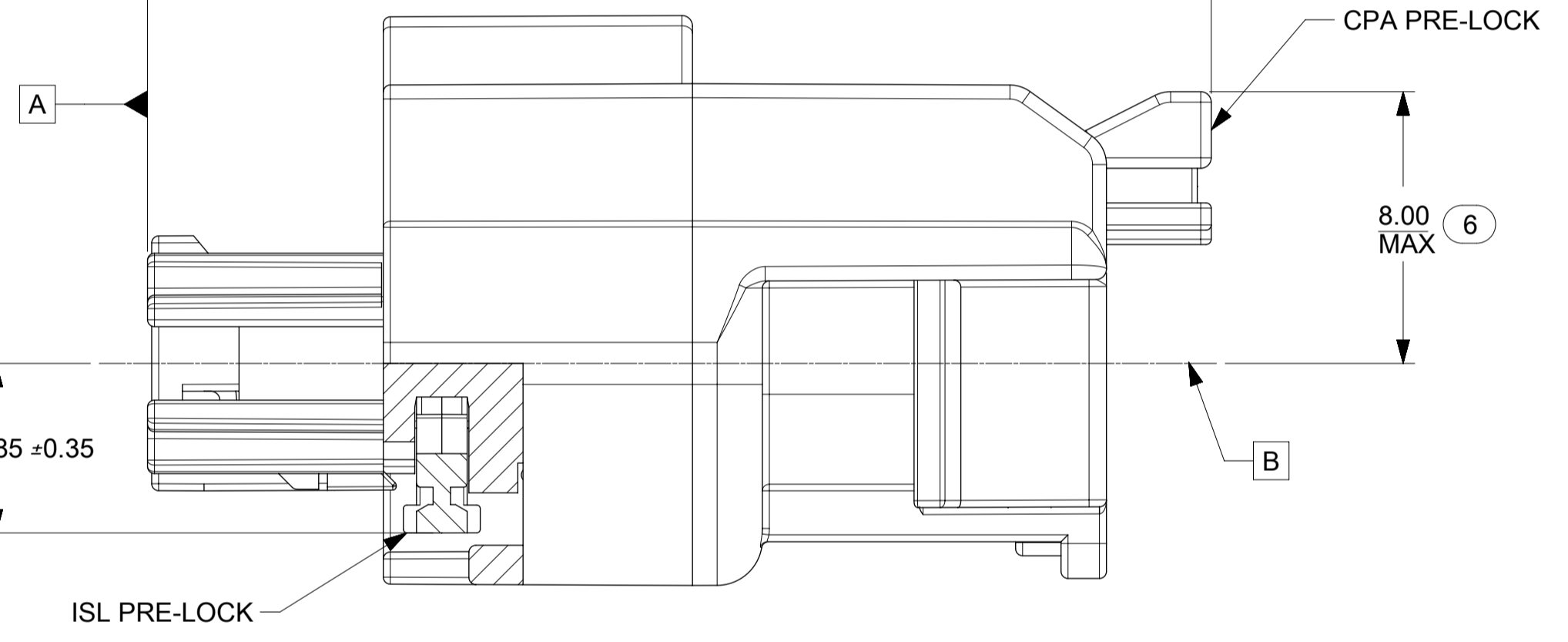


⑤ 30.45 ±0.75

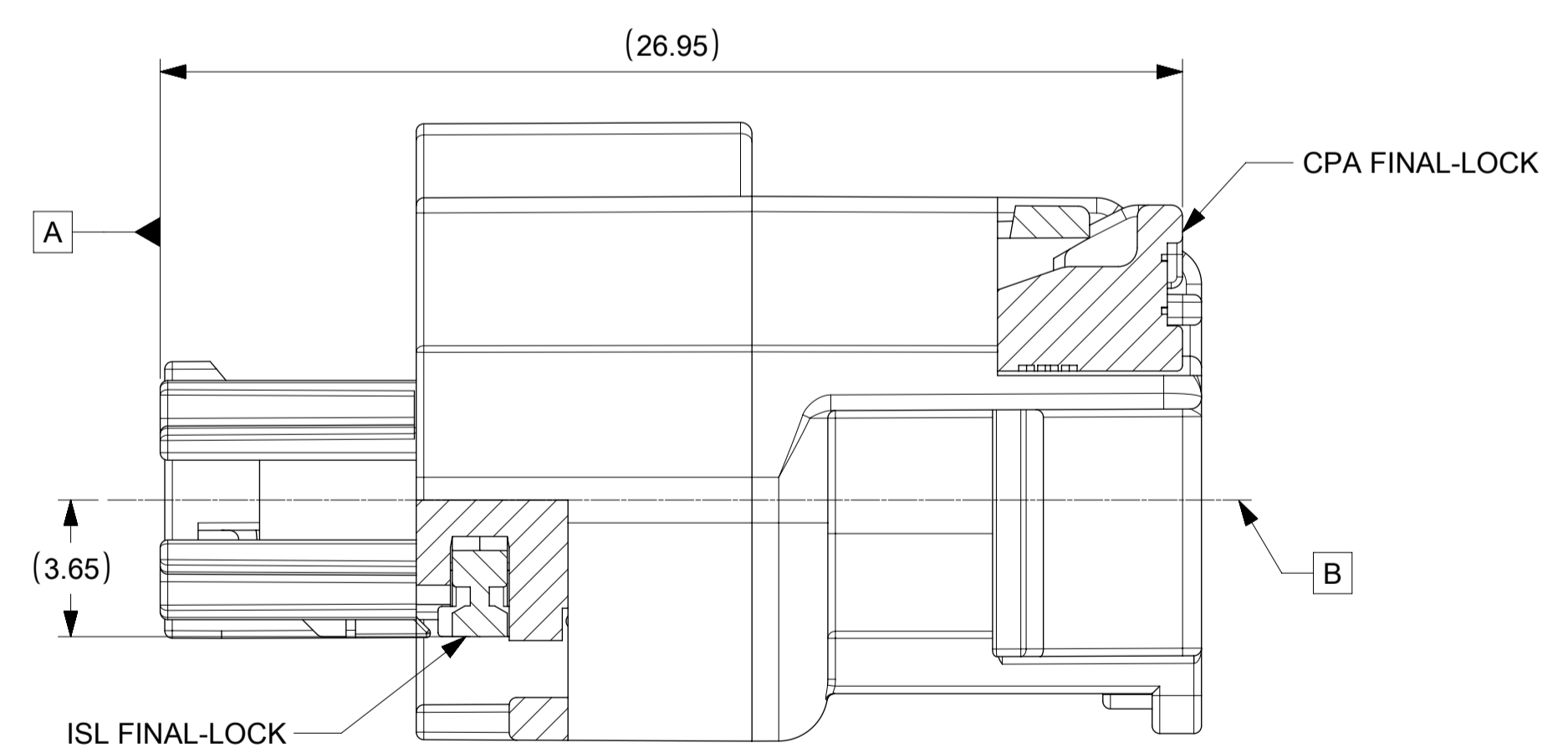
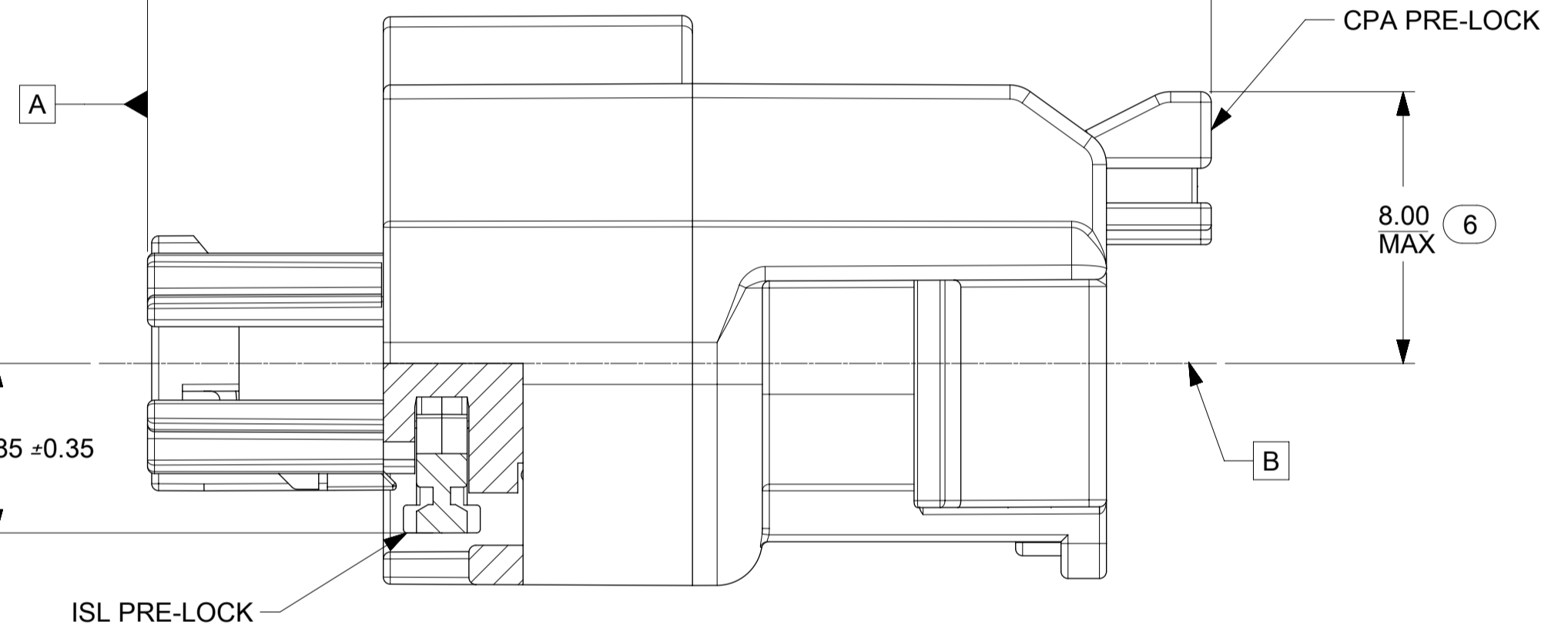
⑥ 8.00 MAX

⑦ 4.85 ±0.35

B



⑦ 4.85 ±0.35



(26.95)

(3.65)

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
$\nabla = 0$	DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED DEVELOPMENT NOTICE	
$\nabla = 0$	mm	6:1		
$\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			
$\nabla = 0$	ANGULAR TOL	± 3.0°	EC NO: 612798 DRWN: MLI149 2019/02/25 CHK'D: JCONDON 2019/02/28 APPR: JCONDON 2019/02/28	
$\nabla = 0$	4 PLACES	±		
$\nabla = 0$	3 PLACES	±		
$\nabla = 0$	2 PLACES	± 0.1	INITIAL REVISION: DRWN: MLI149 2017/05/10 APPR: JCONDON 2017/09/13	
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$\nabla = 0$	0 PLACES	±	DOCUMENT NUMBER 349672000 DOC TYPE DOC PART REVISION PSD 000 A2	
$\nabla = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION		MATERIAL NUMBER SEE CHART
$\nabla = 0$		DRAWING	SERIES	CUSTOMER
		A1-SIZE	34967	SHEET NUMBER 3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/28 21:35:58
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TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	INTERFACE NOTES AND BOM
2	INTERFACE KEY CONFIGURATIONS
3	INTERFACE DEFINITION
4	INTERFACE DATUM TARGETS

MATING INTERFACE CHART			
DESCRIPTION	COLOR	MODEL NUMBER	KEY
1X2, KEY A, BLACK	BLACK	349682801	A
1X2, KEY B, LIGHT GRAY	LIGHT GRAY	349682802	B
1X2, KEY C, DARK GRAY	DARK GRAY	349682803	C
1X2, KEY D, STONE GRAY	STONE GRAY	349682804	D

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

REFER TO "SAE/USCAR 12 CONNECTOR GUIDELINES" AND "SAE/USCAR 2 PERFORMANCE SPECIFICATION FOR AUTOMOTIVE ELECTRICAL CONNECTOR SYSTEMS" FOR ADDITIONAL REQUIREMENTS.

2. DESIGN - MATERIALS:

- a. HOUSING: SPS/NYLON 20% GLASS FILLED OR EQUIVALENT
FLAMMABILITY REQUIREMENT: PER ISO3795 OR GMW3191
 - 1. BURN RATE 100mm/MIN MAXIMUM
 - 2. MATERIAL MUST BE SELF EXTINGUISHING
- b. BLADE TERMINAL: SEE MOLEX SALES DRAWING 347350050. FOR MATERIAL, DIMENSIONAL, PLATING AND COATING REQUIREMENTS AND ANY BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON REFERENCED OR THIS DRAWING SEE EWCAP DWG NO. EWCAP-001.
 - 1. TIN PLATING: 2.5-4.0 MICROMETERS MATTE TIN OVER 1.25-2.25 MICROMETERS DUCTILE SULFAMATE NICKEL
 - 2. SILVER PLATING: 1.9-3.3 MICROMETERS SILVER OVER 1.0-1.8 MICROMETERS DUCTILE SULFAMATE NICKEL.
ANTI-TARNISH: SYNTHETIC HYDROCARBON CONTACT SURFACE FINISH OR EQUIVALENT APPLIED WITHOUT VOID TO CONTACT AREA

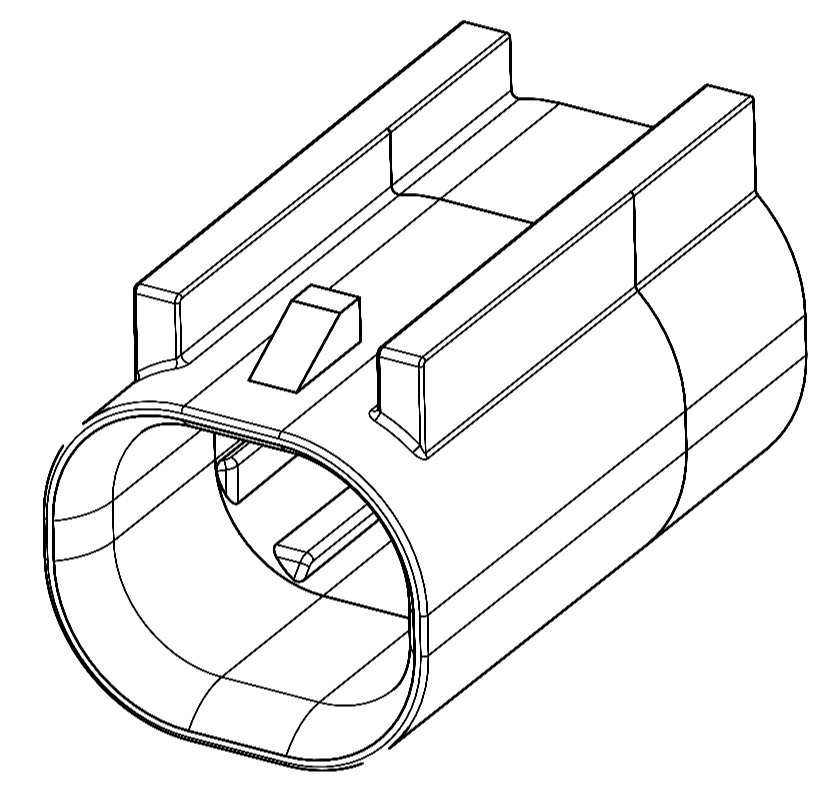
c. STANDARD COLORS FOR KEYING (SEE CHART). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.

3. DESIGN - GEOMETRY:

- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND THE MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN IN THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. PRODUCT DESIGN MODEL NUMBER(S): SEE MATING INTERFACE CHART
- c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
- d. GENERAL TOLERANCES: SEE TITLE BLOCK
- e. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- f. CORNERS SHOWN AS SHARP TO BE R0.2 MAX.
- g. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD.
THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
(FOR SMALL PARTS: LETTERING SHALL BE 0.10 MAX RAISED IN 0.15 MAX RECESS PAD)

4. DESIGN - MANUFACTURING:

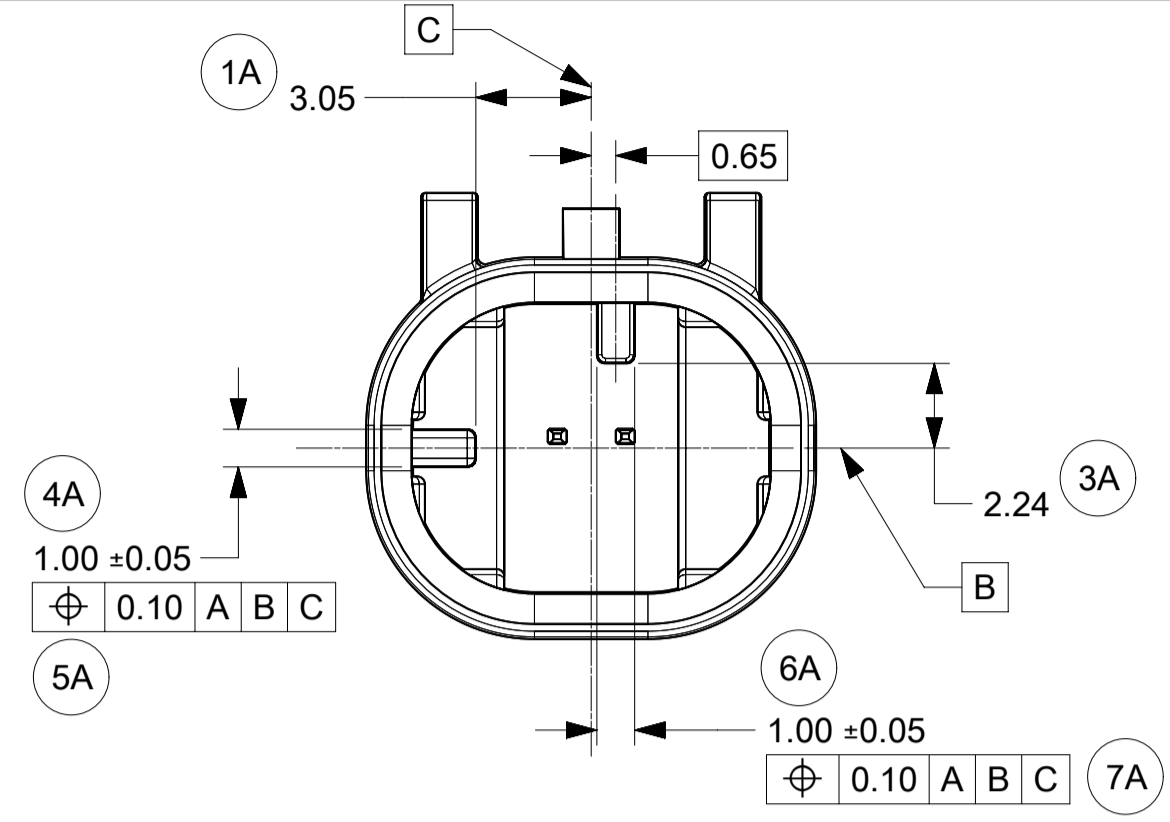
- a. ALLOWABLE FLASH MAX 0.20 HIGH BY MAX 0.13 THICK.
- b. ALLOWABLE SPLIT/PARTING LINE MISMATCH 0.2 MAX.
- c. EJECTOR PIN MARKS TO BE FLUSH TO 0.25 MAX DEPRESSED. LOCATION MUST BE APPROVED BY PRODUCT ENGINEERING. EJECTOR PIN MARKS NOT PERMISSIBLE ON OR NEAR DATUM TARGET AREA.
- d. ALLOWABLE GATE VESTIGE FLUSH TO 0.25 MAX RECESS. LOCATION MUST BE APPROVED BY PRODUCT ENGINEERING.
- e. NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING.
- f. NO PARTING LINES, MISMATCHES OR EJECTOR MARKS PERMISSIBLE WITHIN THE INDICATED SURFACE. TOOLING FOR INDICATED SURFACE MUST BE PROCESSED TO A SURFACE FINISH OF NTMA #70 (400 PAPER).
- g. BLADE TERMINAL ENVIRONMENTAL BARRIER (USED WITH SILVER PLATED TERMINALS) SHALL NOT BE PRESENT ON ANY SURFACE OTHER THAN THE BLADE TERMINALS
- h. NO PARTING LINES, FLASH, MISMATCHES OR EJECTOR MARKS PERMISSIBLE ON THE INDICATED NOSE SURFACE OR TRANSITION TO INTERNAL SHROUD SURFACE.



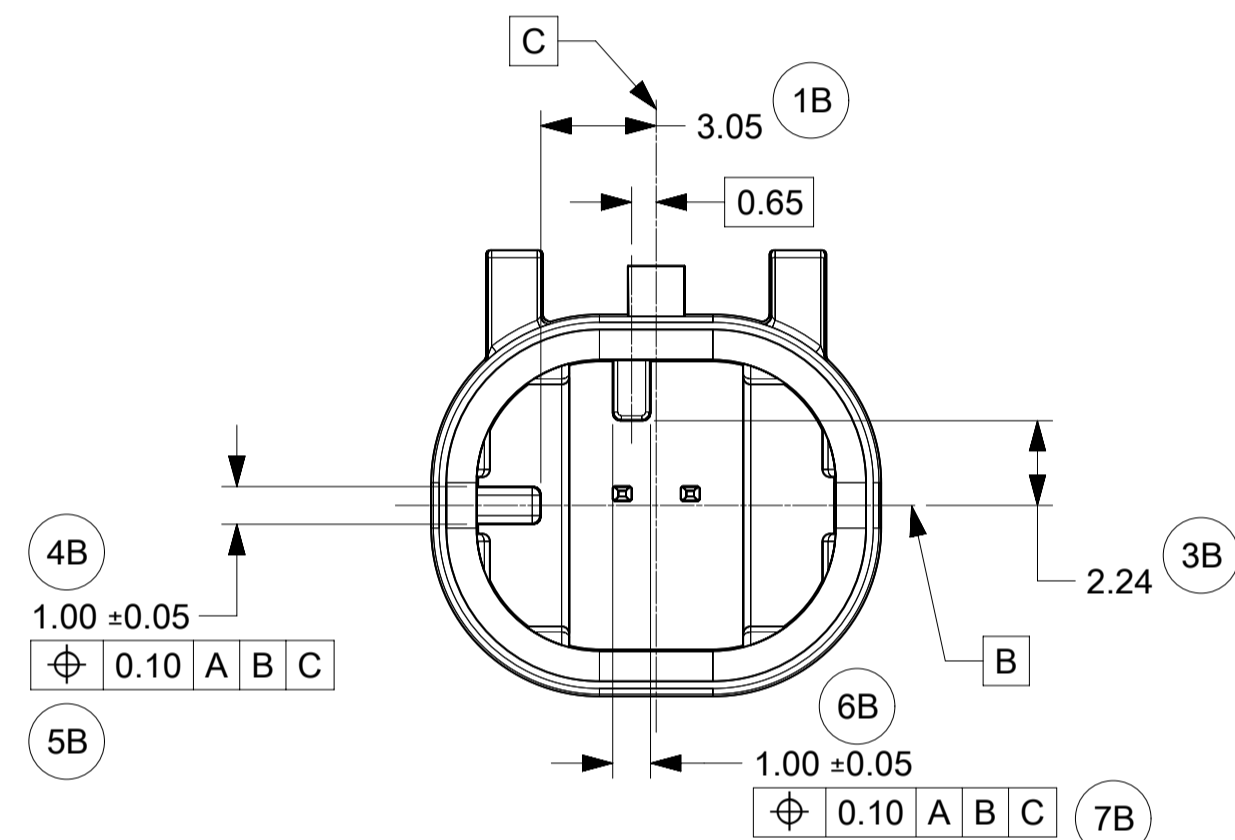
QUALITY SYMBOLS FA = 0 FE = 0 FE = 0 ▼ = 0 C = 0 ☒ = 0 ■ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	EC NO: 659036 DRWN: ML149 CHKD: JCONDON REV: APPR: JCONDON	2021/03/22	2021/03/24	2021/03/24	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE				
		mm	10:1	ANGULAR TOL ± 3.0 °	DRWN BY	DATE					
	4 PLACES ±		ML149		2017/05/08		MINI50 SEALED 1X2 HEADER INTERFACE				
3 PLACES ±		CHK'D BY		DATE							
2 PLACES ± 0.1		APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
1 PLACE ± 0.2		JCONDON		2017/09/13							
0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER	CUSTOMER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A1				34968	SEE CHART				
		DOCUMENT NUMBER		DOC TYPE		DOC PART	SHEET NUMBER				
		349682800		PSD		000	1 OF 4				

SHEET DESCRIPTION
KEY CONFIGURATIONS

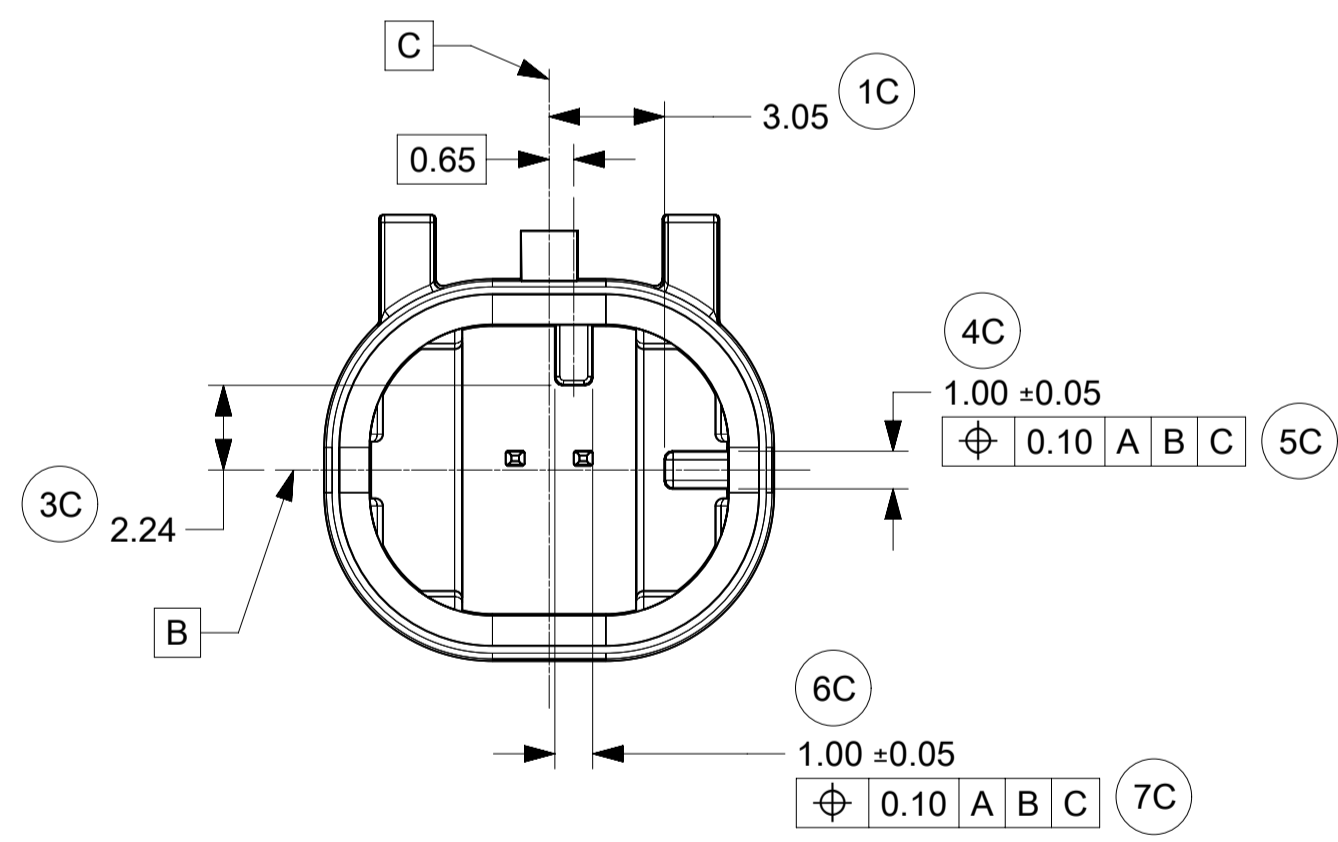
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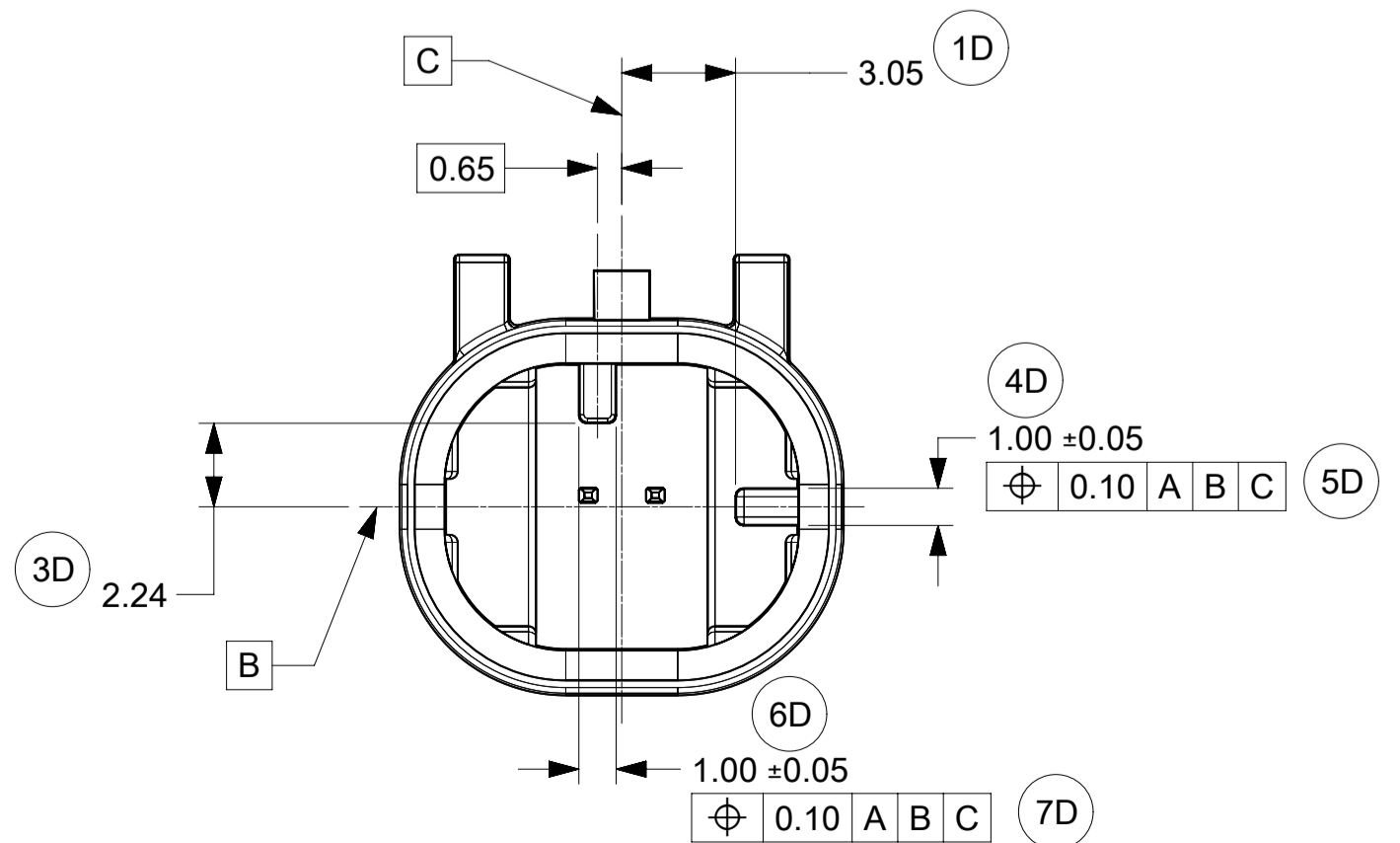
KEY OPTION A



KEY OPTION B

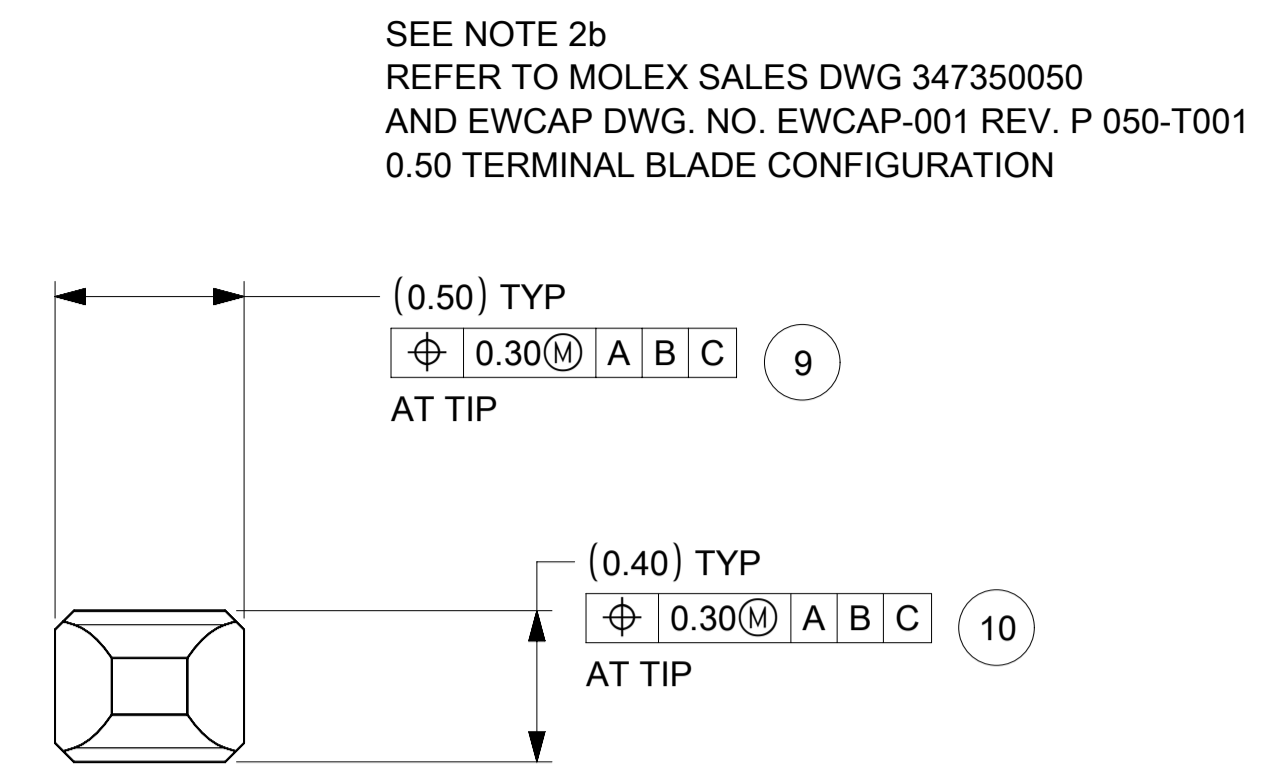
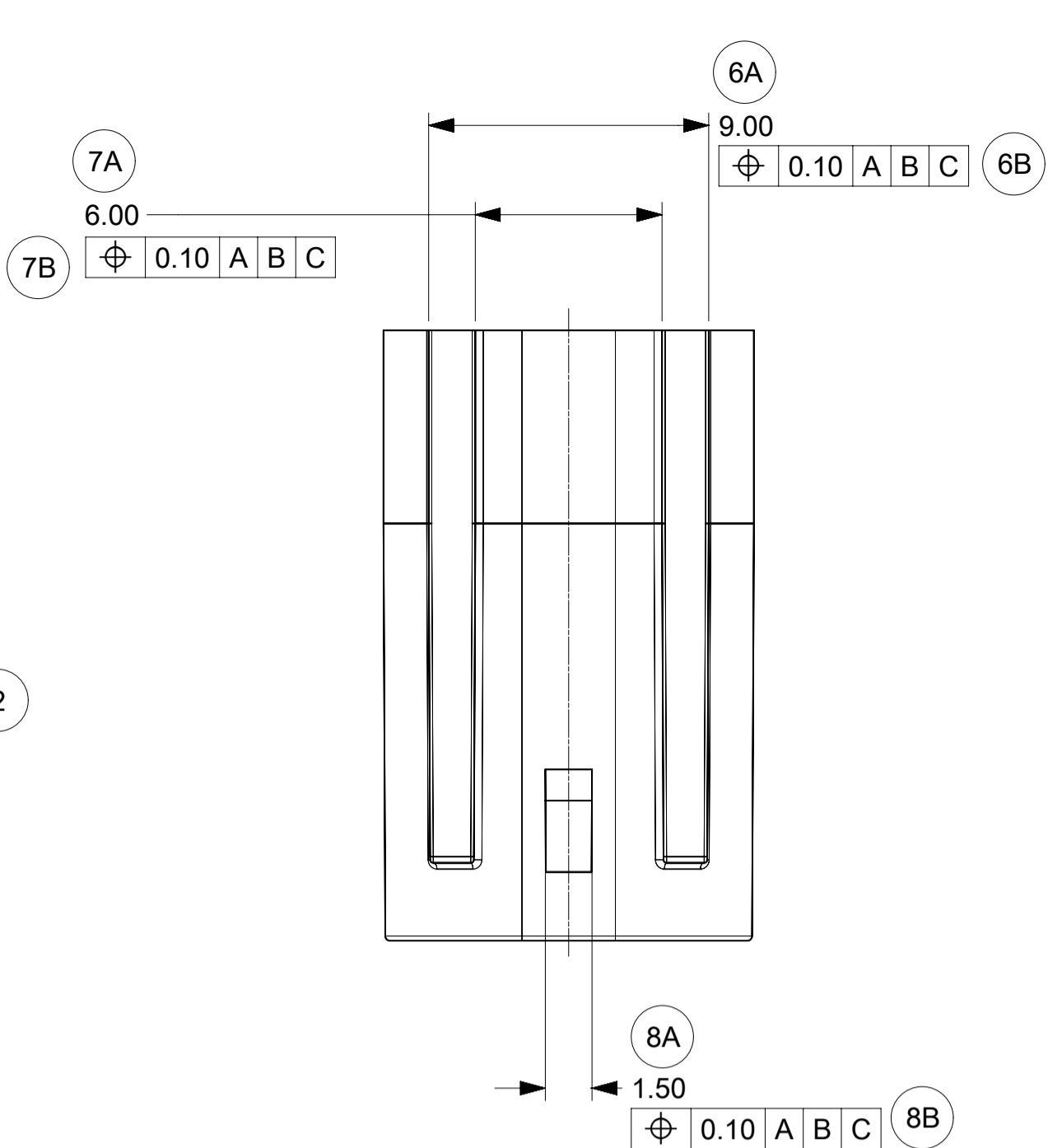
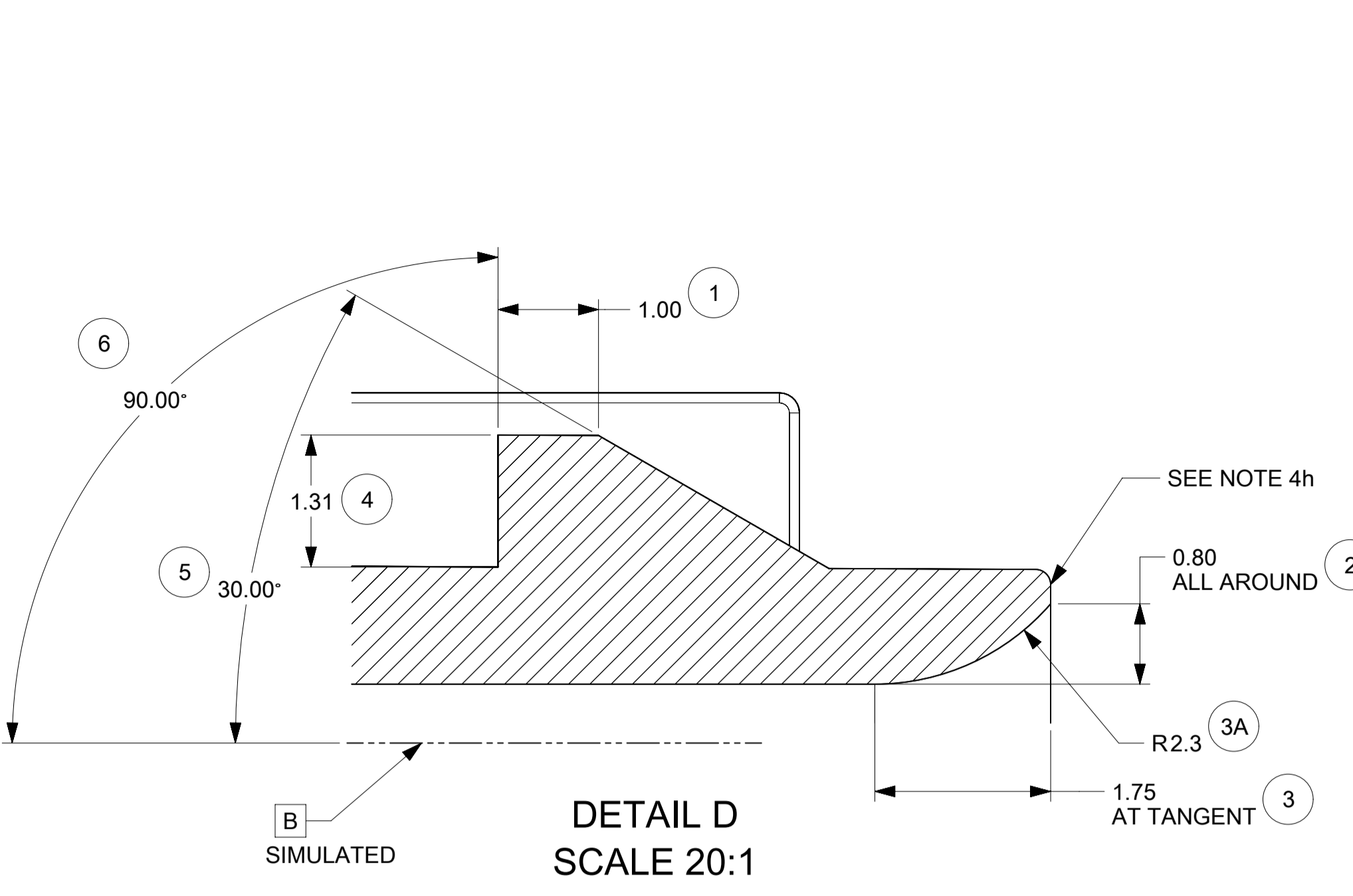


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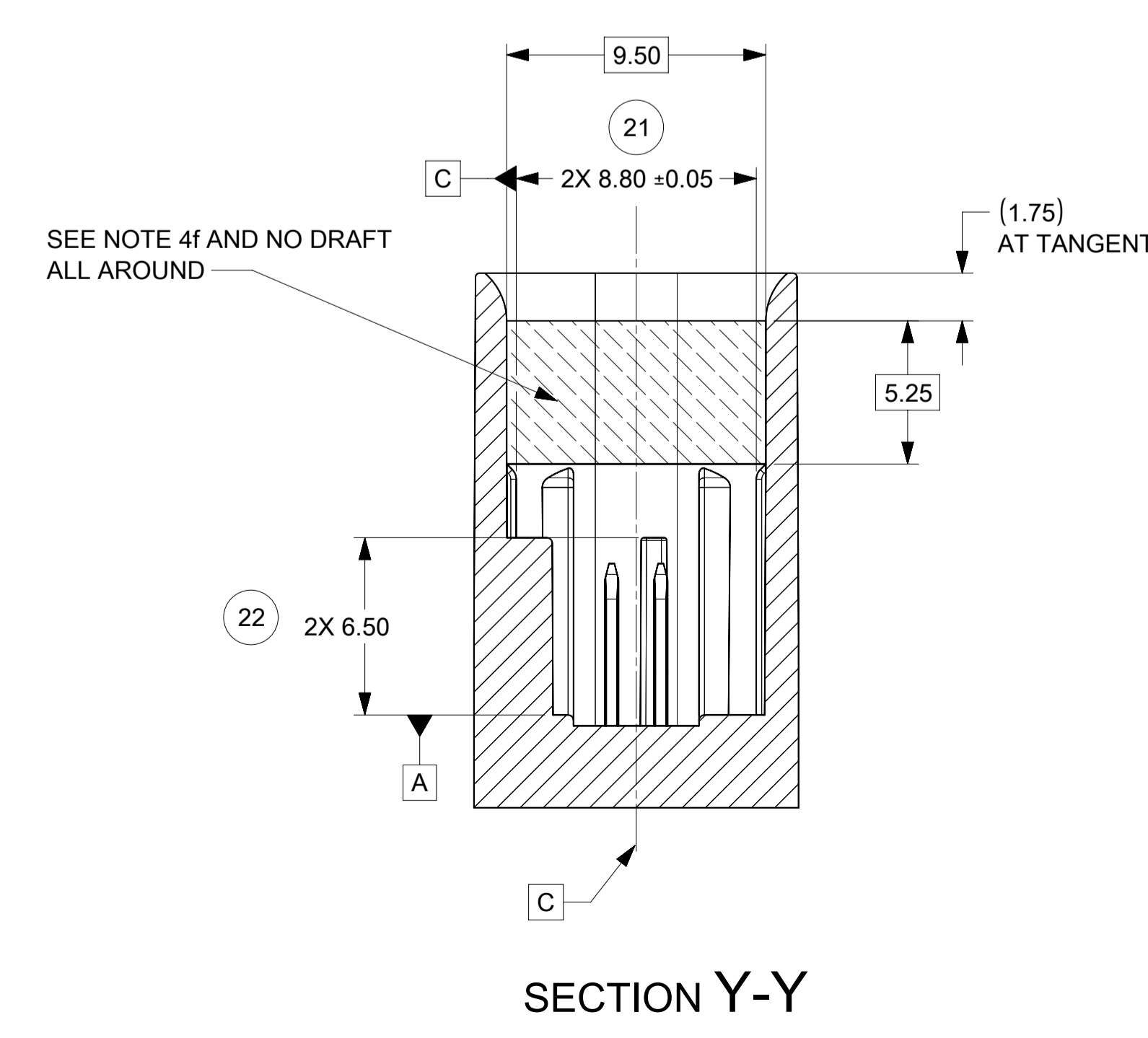
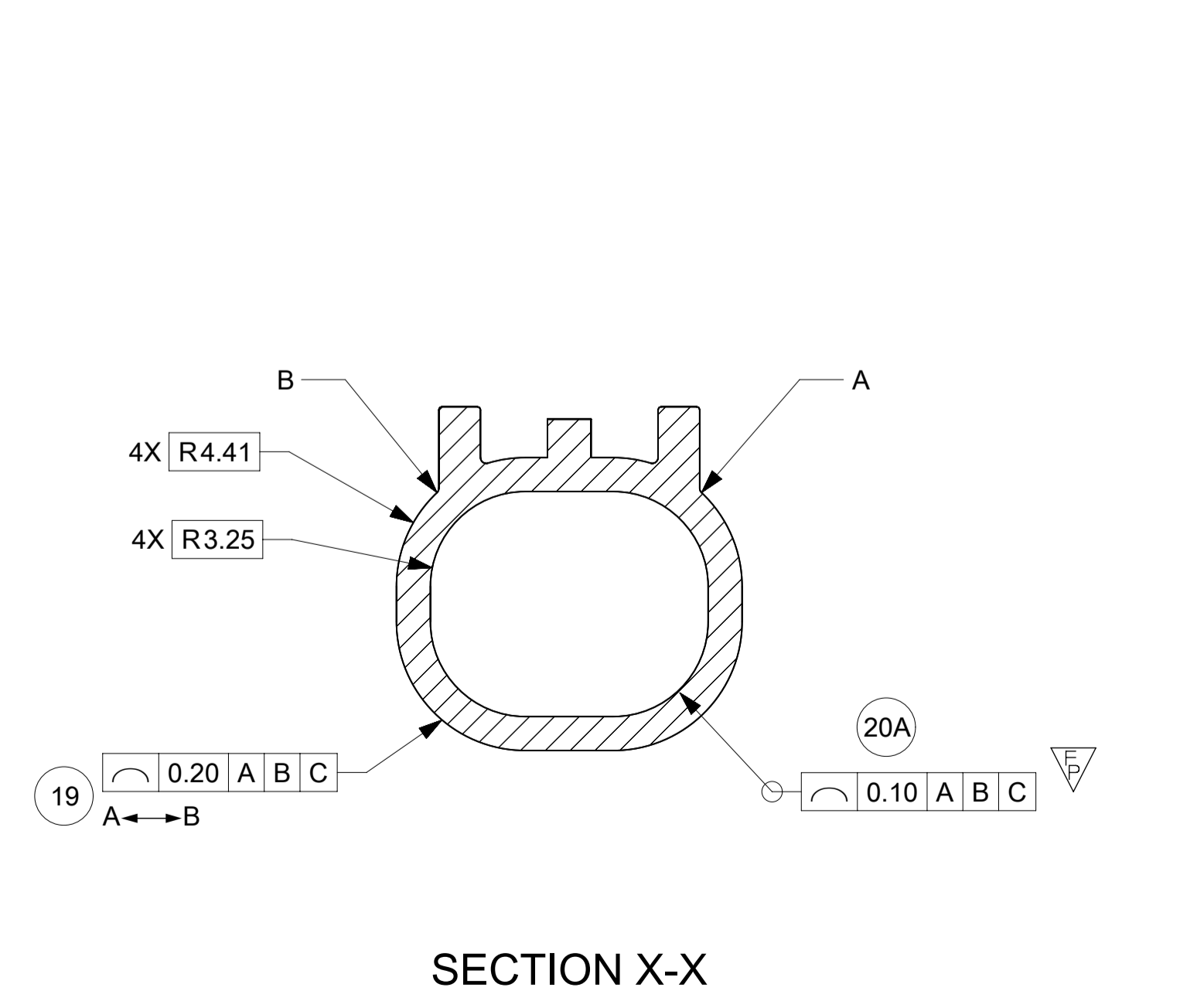
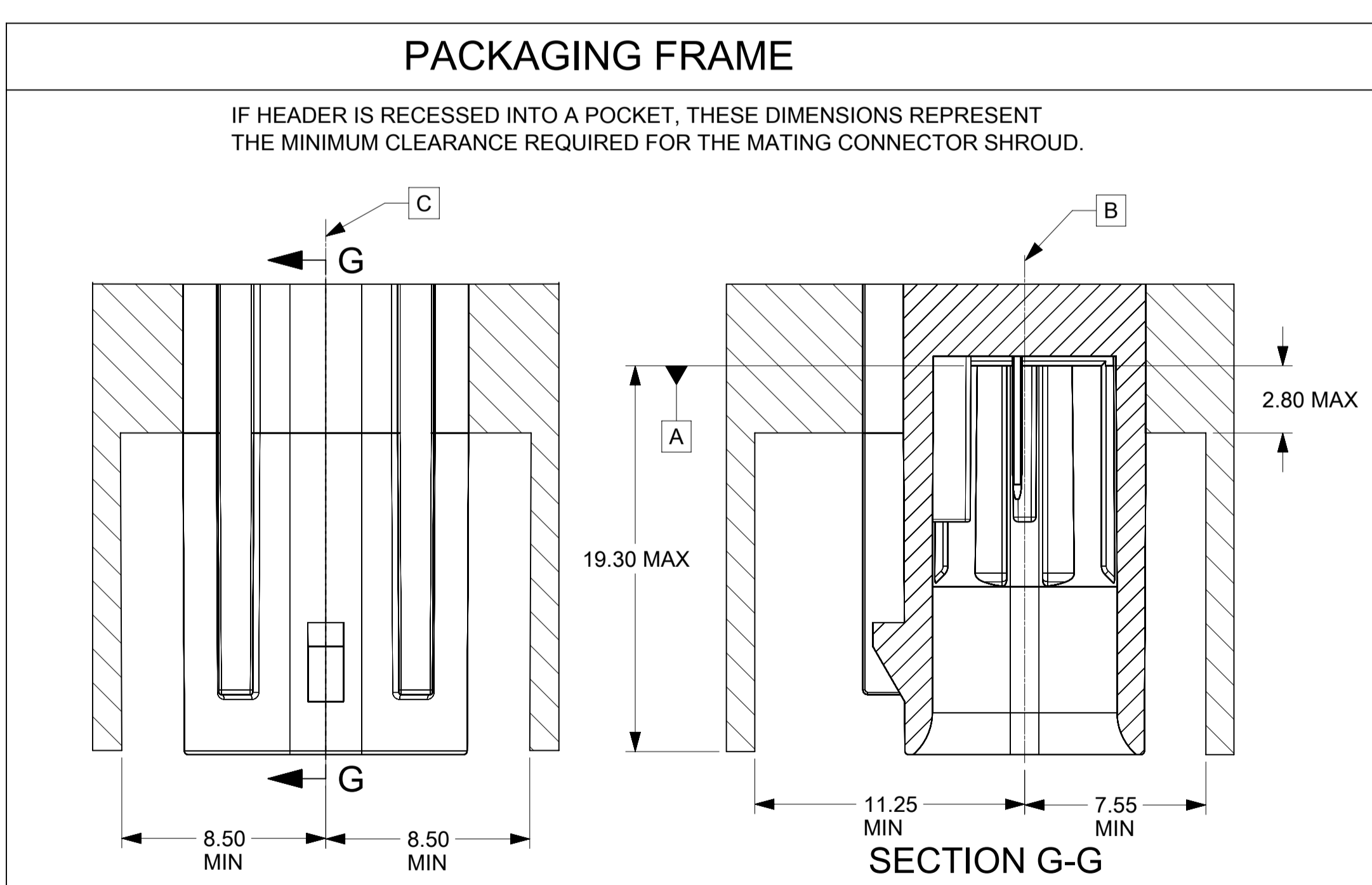
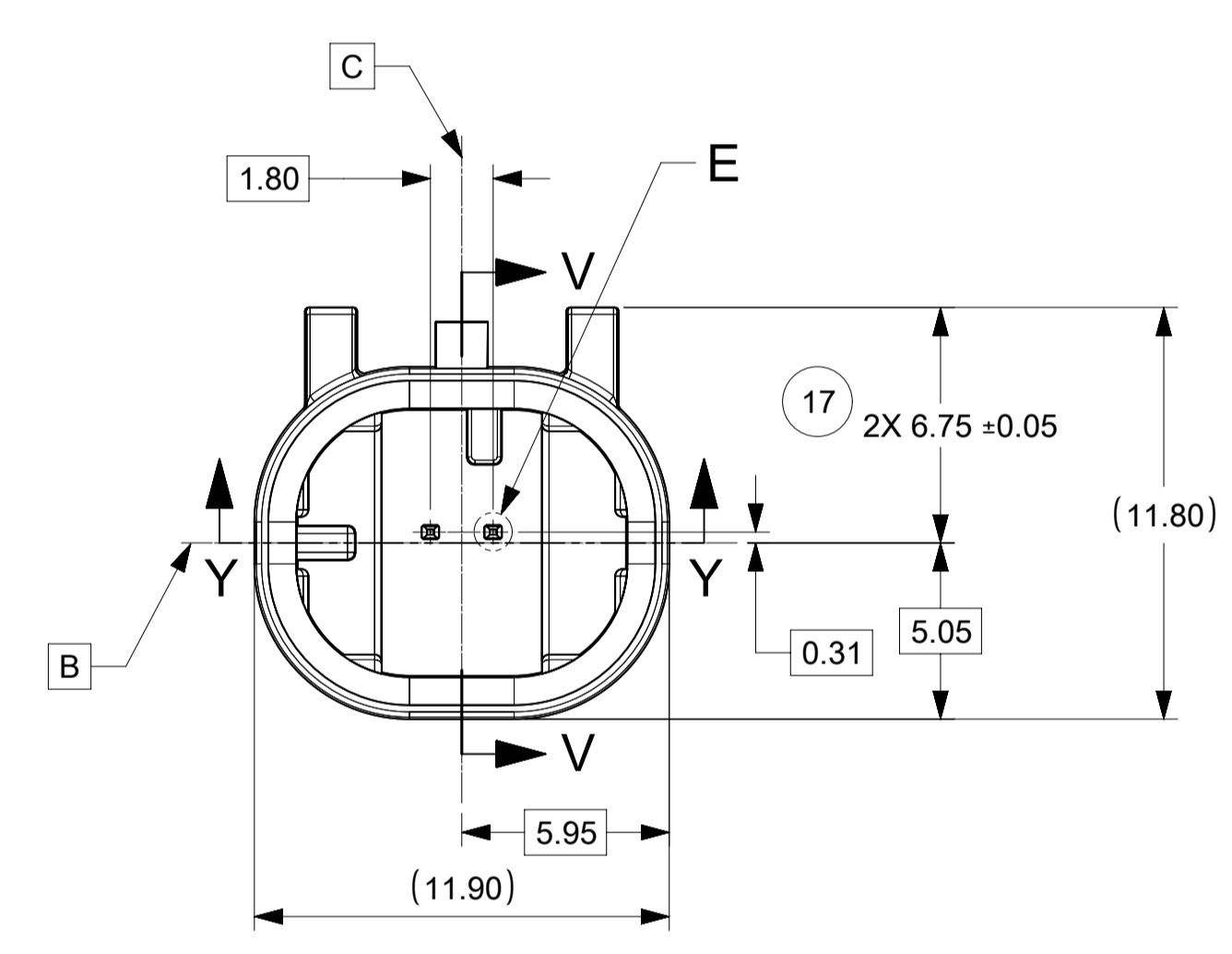
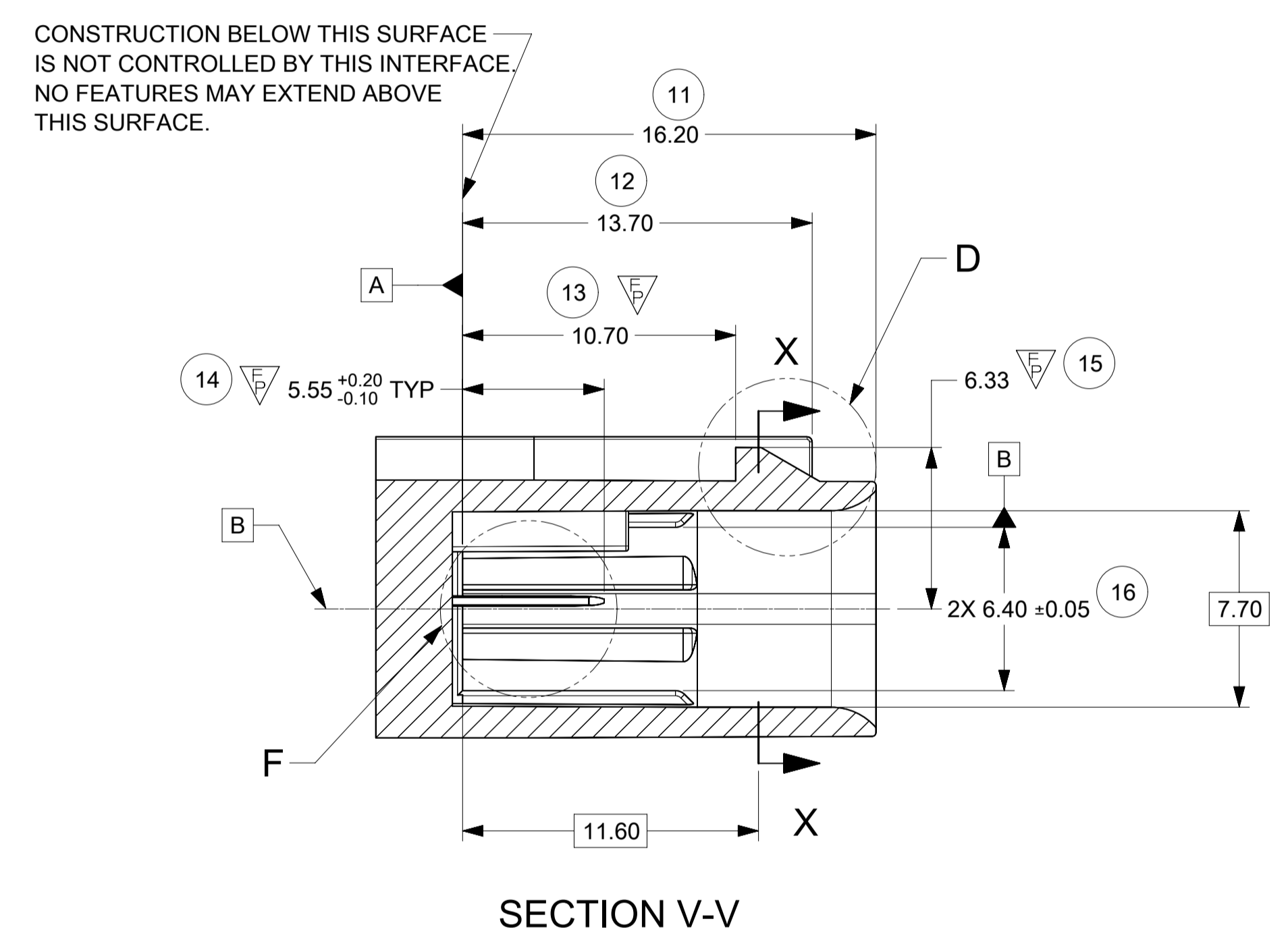
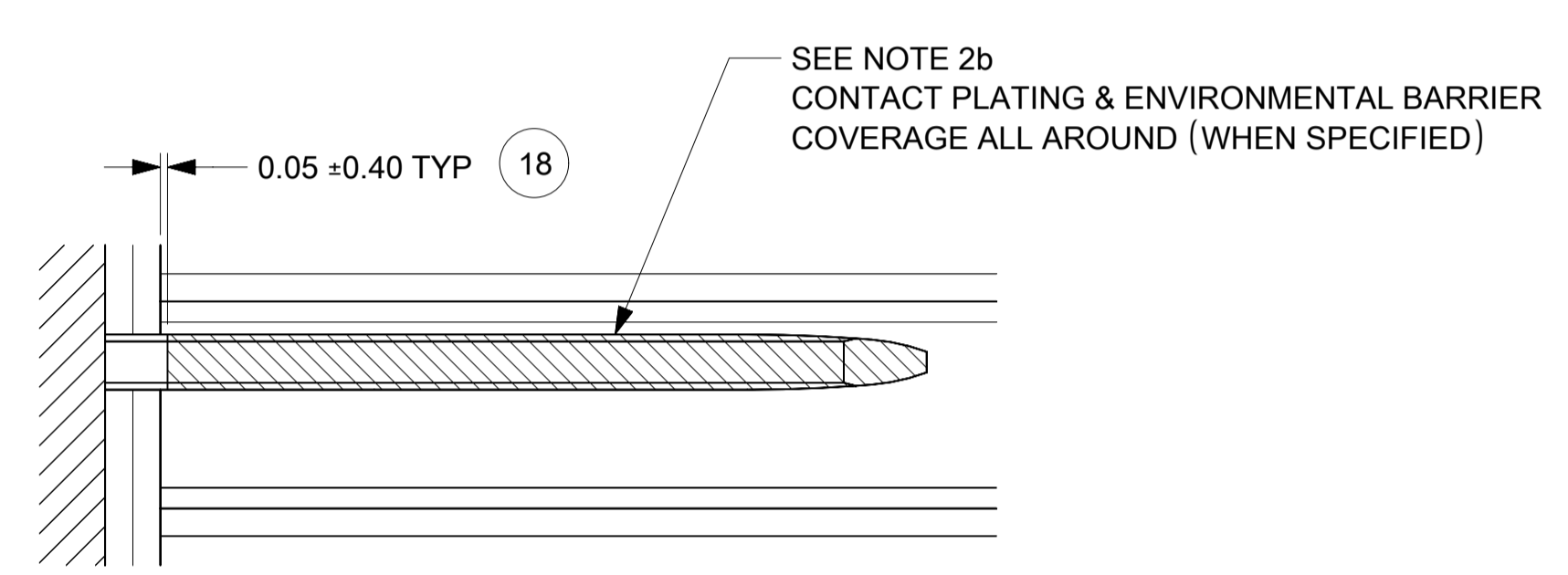


KEY OPTION D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
QUALITY SYMBOLS	2021/03/22 DRWN: ML149	2021/03/24 CHKD: JCONDON	2021/03/24 APPR: JCONDON	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE			
				ANGULAR TOL ± 3.0 °		mm	5:1			
FA = 0	659036 ML149 JCONDON	JCONDON	JCONDON	4 PLACES ±	ML149	DATE	2017/05/08	MINI50 SEALED 1X2 HEADER INTERFACE		
FE = 0				3 PLACES ±	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING			
FF = 0				2 PLACES ± 0.1	APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER	
GD = 0				1 PLACE ± 0.2	JCONDON	2017/09/13	34968	SEE CHART		
GC = 0				0 PLACES ±	DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
GA = 0				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A1		349682800	PSD	000	2 OF 4
GB = 0										
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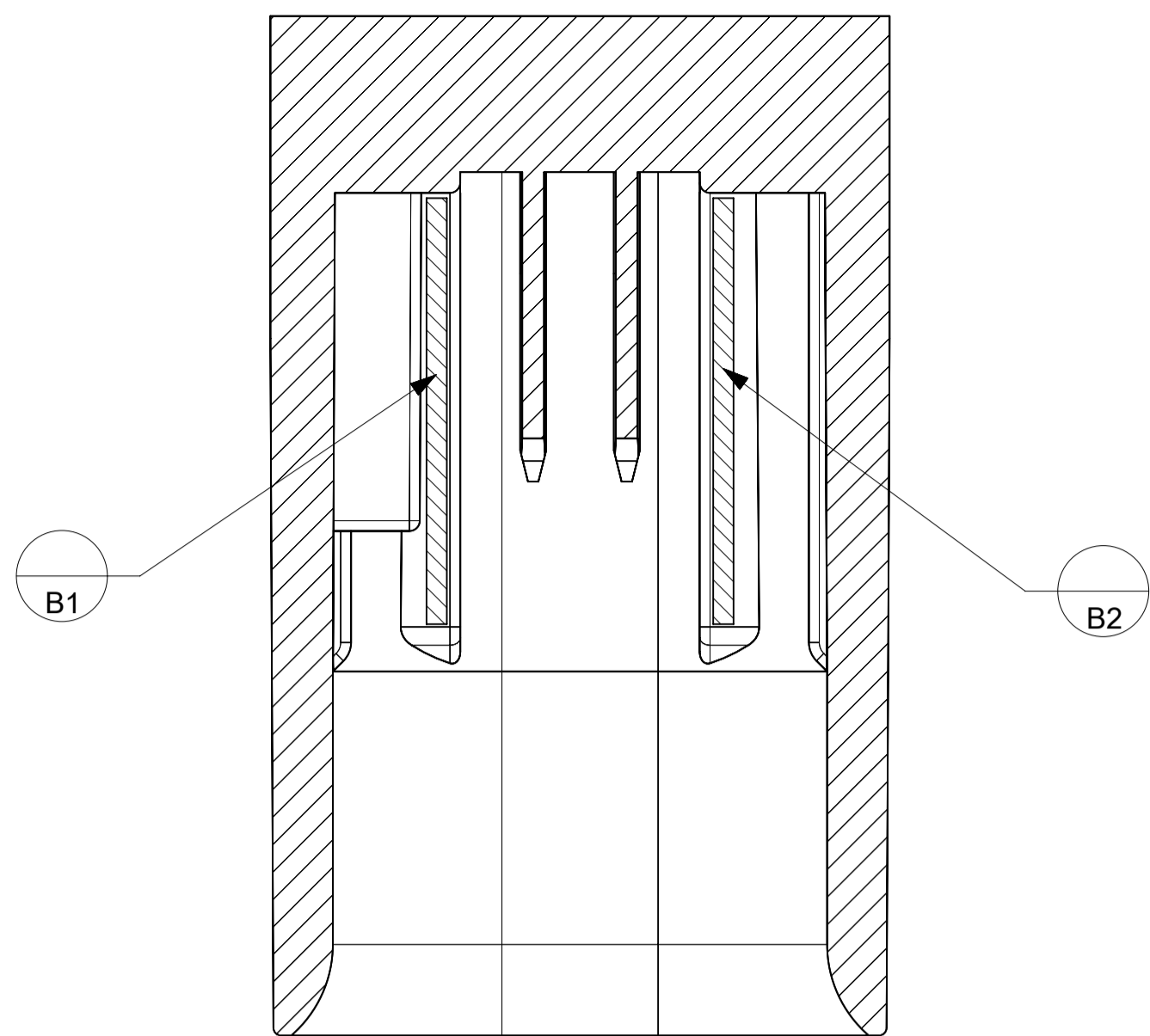


SEE NOTE 2b
REFER TO MOLEX SALES DWG 347350050
AND EWCAP DWG. NO. EWCAP-001 REV. P 050-T001
0.50 TERMINAL BLADE CONFIGURATION

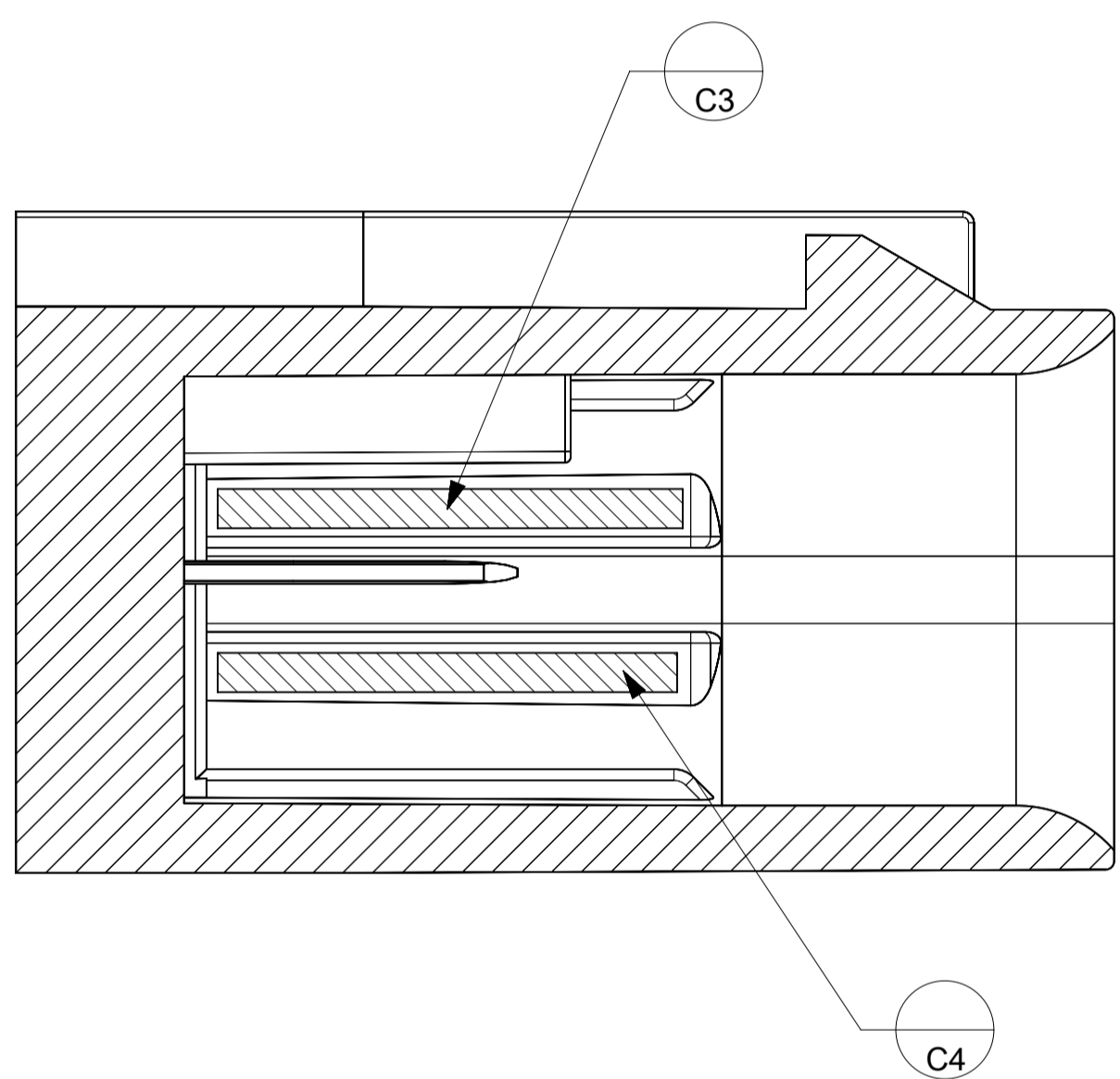


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS	2021/03/22 2021/03/24 2021/03/24	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE							
			mm	5:1							
FA = 0 FE = 0 FE = 4 ▼ = 0 C = 0 ⊠ = 0 ■ = 0 ∇ = 0	EC NO: 659036 DRWN: ML1149 CHKD: JCONDON APPR: JCONDON	ANGULAR TOL ± 3.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ±	DRWN BY	DATE	MINI50 SEALED 1X2 HEADER INTERFACE						
			ML1149	2017/05/08							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING						
			JCONDON	2017/09/13							
			APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER				
			A1		34968	SEE CHART					
			DRAWING SIZE		THIRD ANGLE PROJECTION		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	
			A1				349682800	PSD	000	3 OF 4	

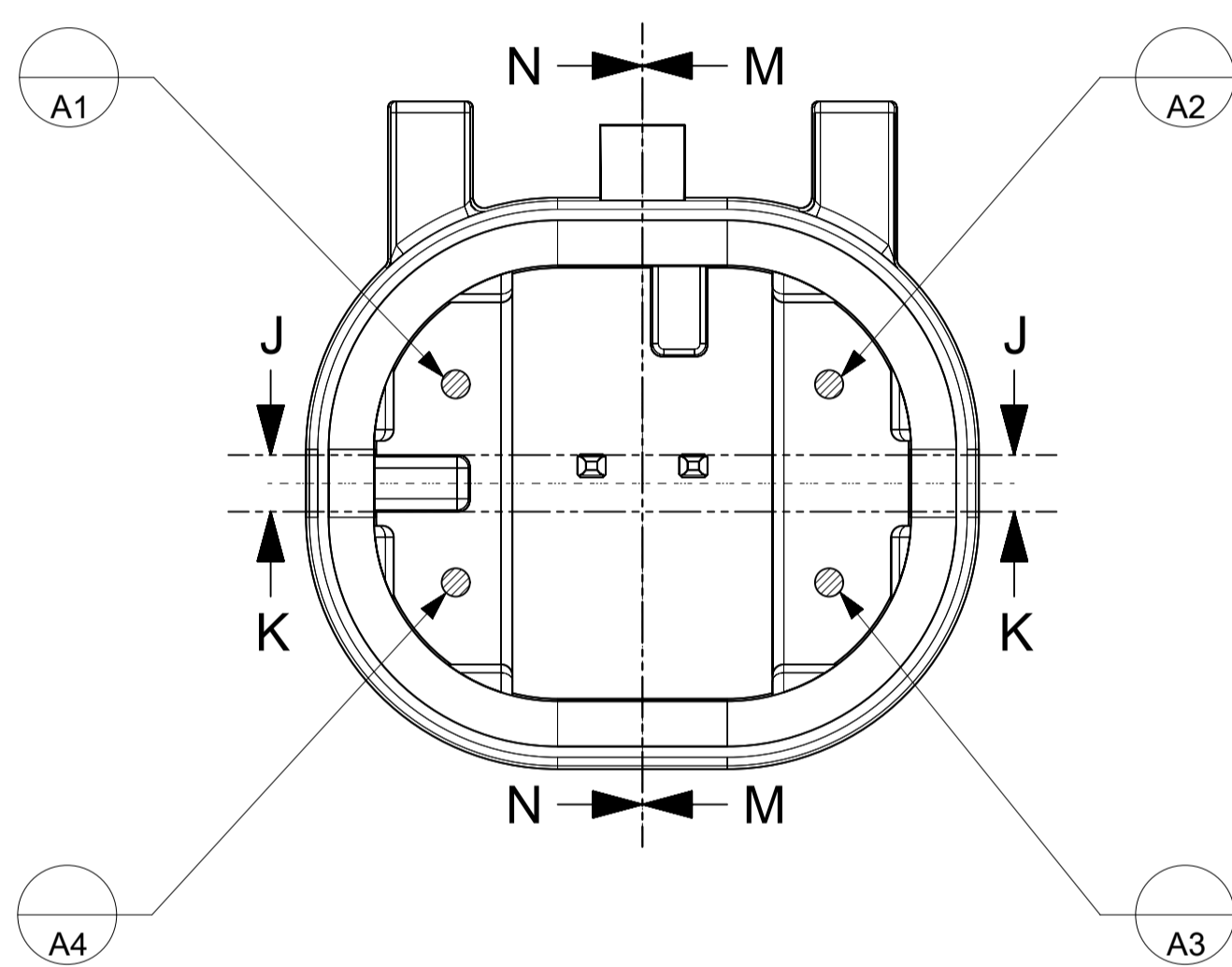
SHEET DESCRIPTION
DATUM TARGETS



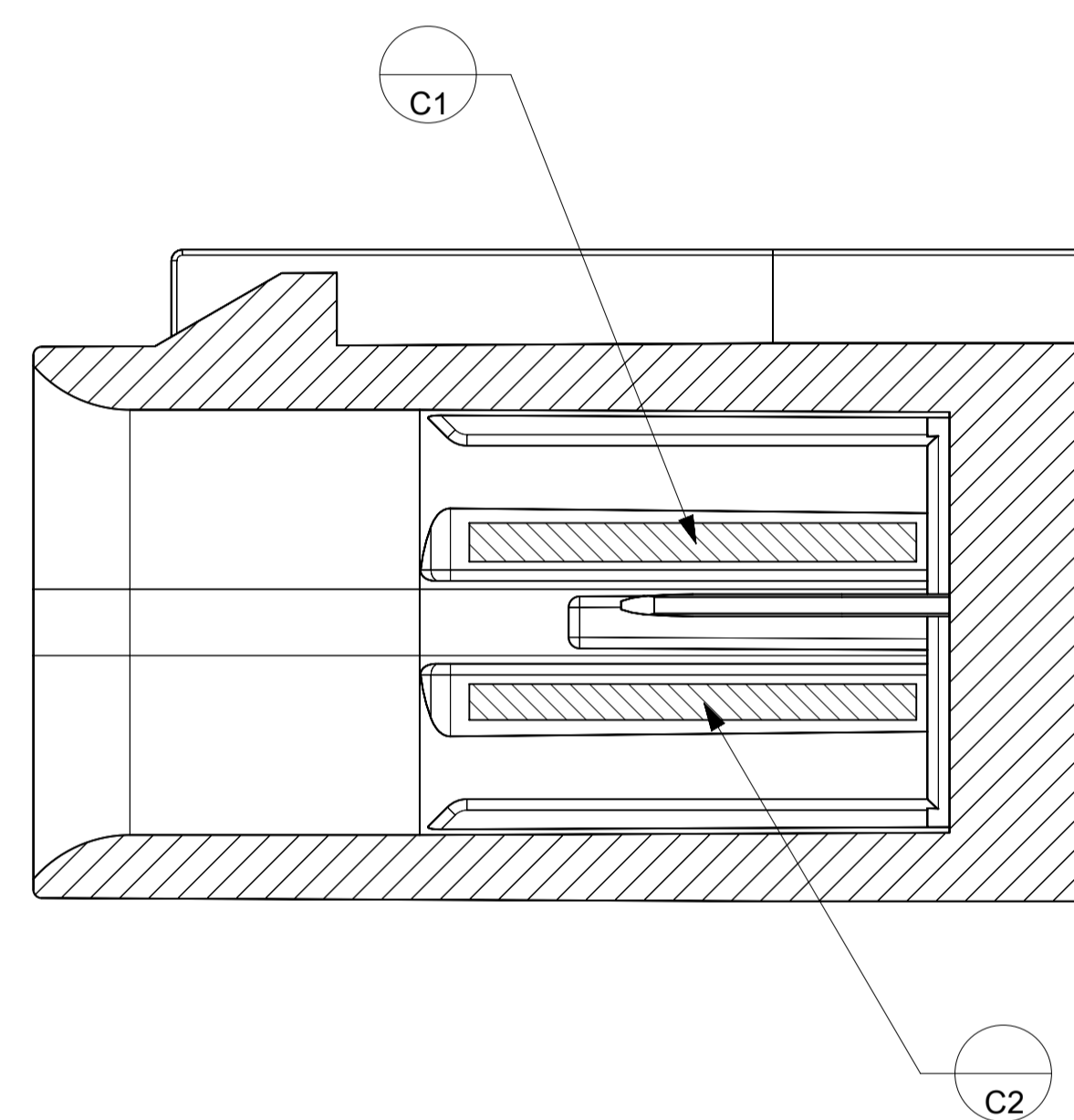
SECTION J-J



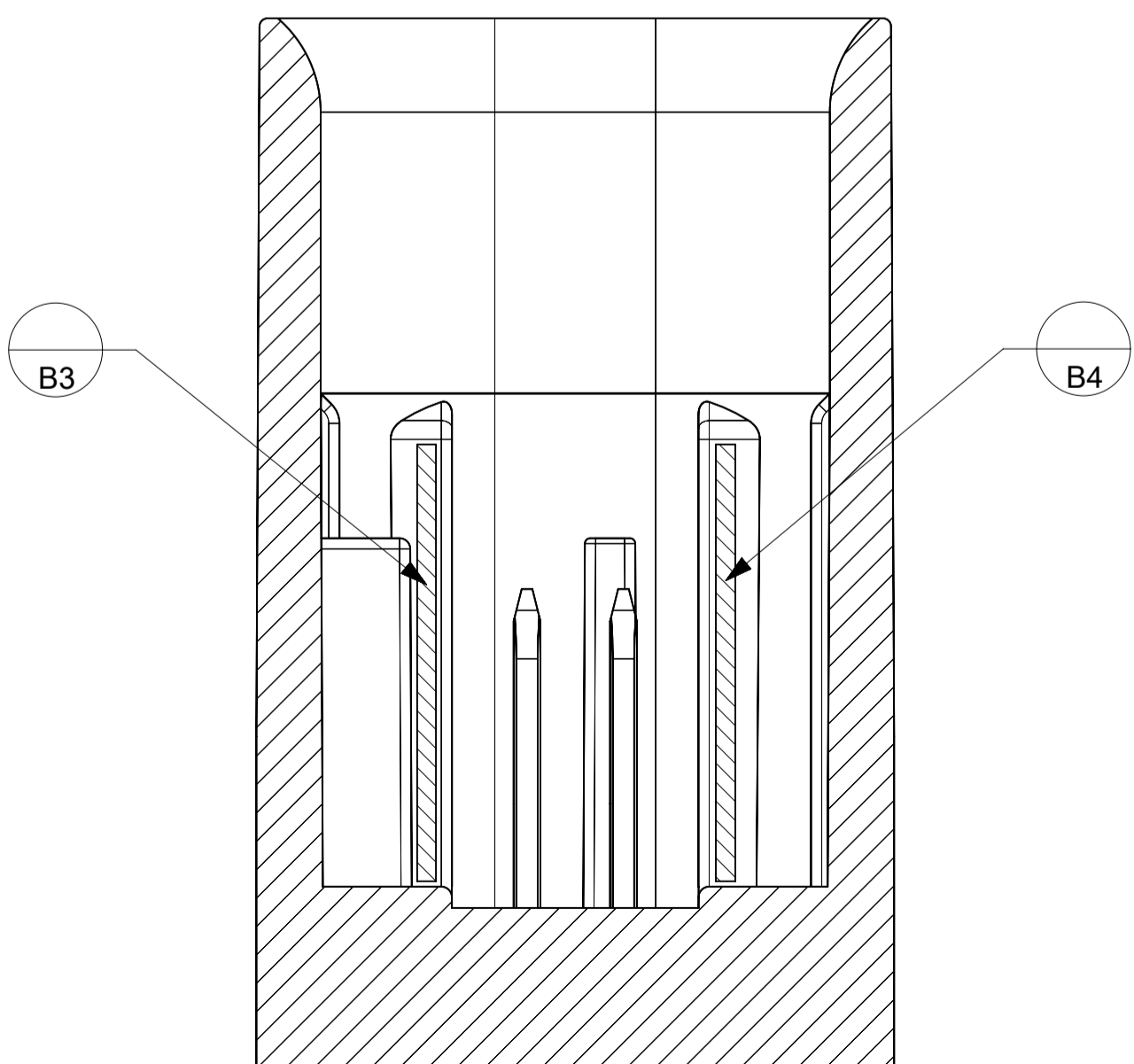
SECTION N-N





SECTION K-K



SECTION M-M



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QUALITY SYMBOLS	2021/03/22 2021/03/24 2021/03/24	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	 MINI50 SEALED 1X2 HEADER INTERFACE PRODUCT CUSTOMER DRAWING					
			mm	10:1						
DRWN BY	DATE	CHK'D BY	DATE							
ML1149	2017/05/08	JCONDON	2017/09/13							
APPR BY	DATE	DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER				
A2		A1		34968	SEE CHART					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER		
					349682800	PSD	000	4 OF 4		