

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:

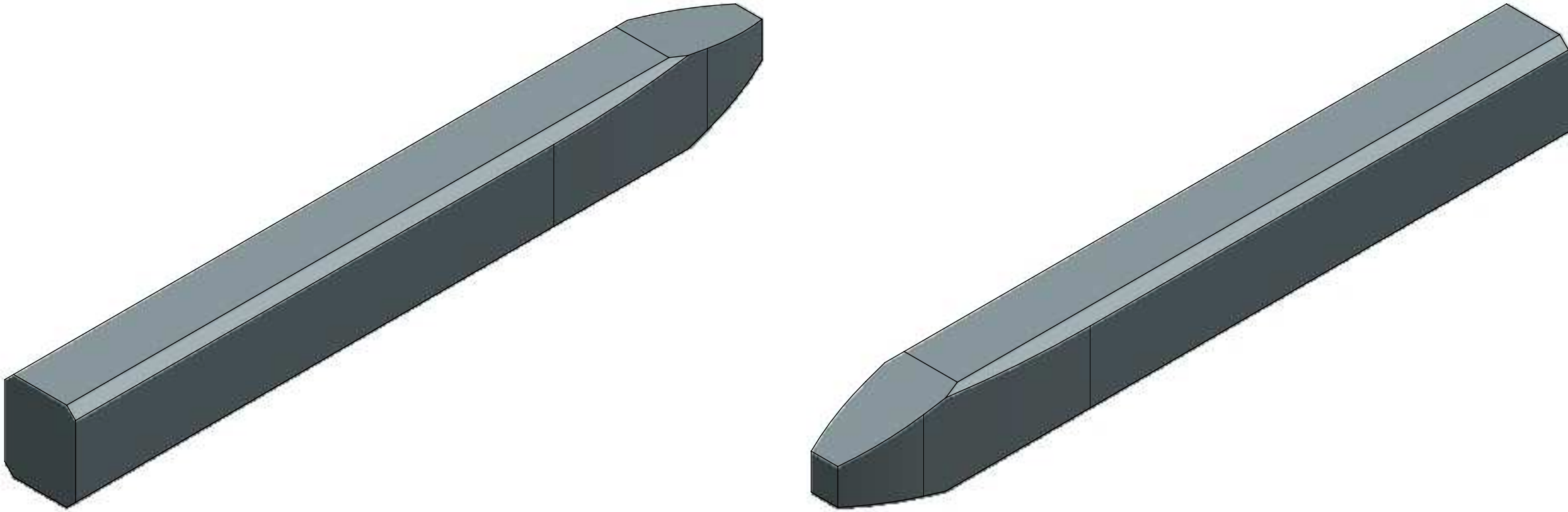
- 2.1. BASE MATERIAL TYPE : COPPER ALLOY

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.



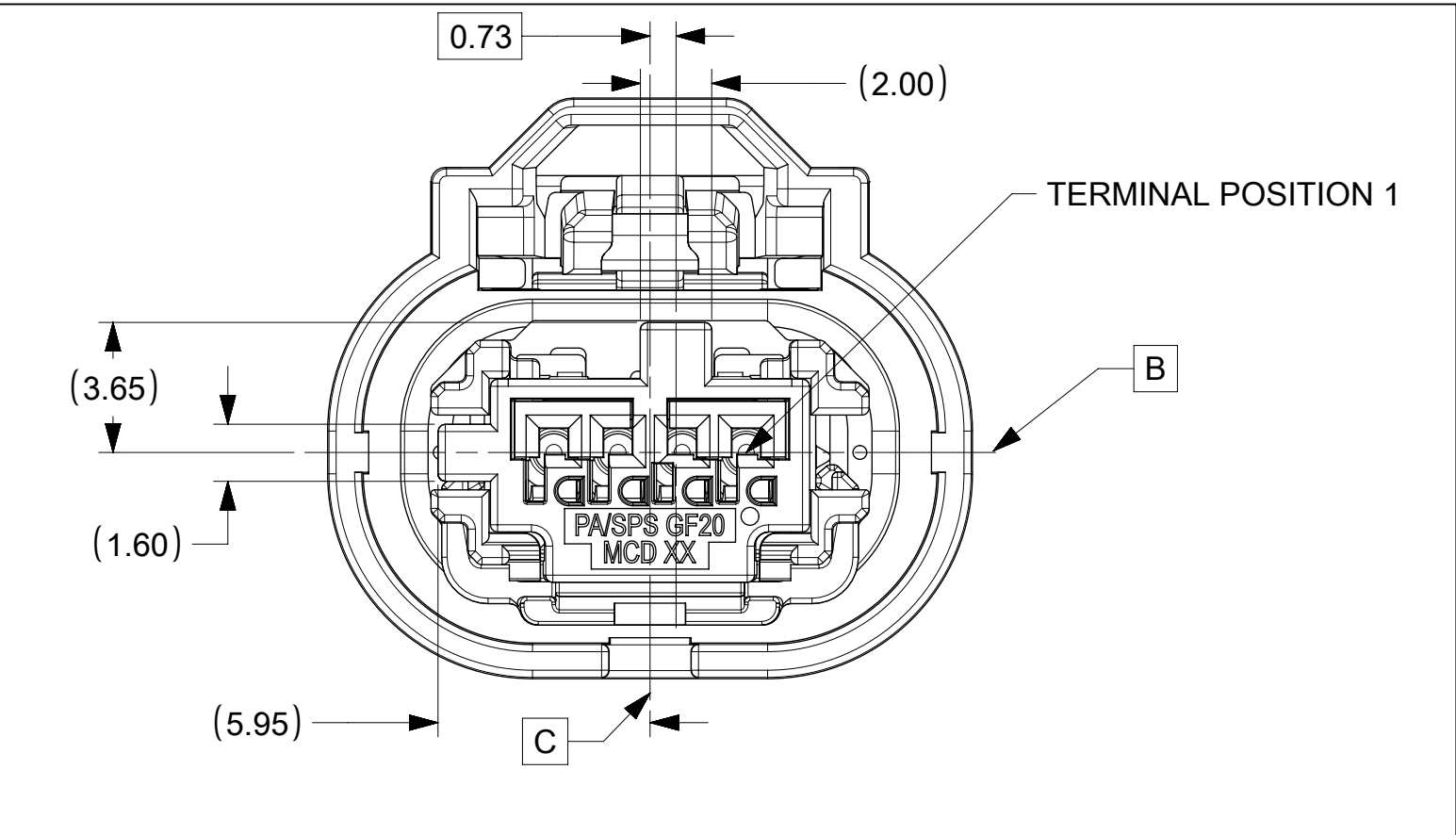
SCALE 50:1

0.5 MM PIN VIEW SHOWN FOR REPRESENTATION PURPOSES ONLY

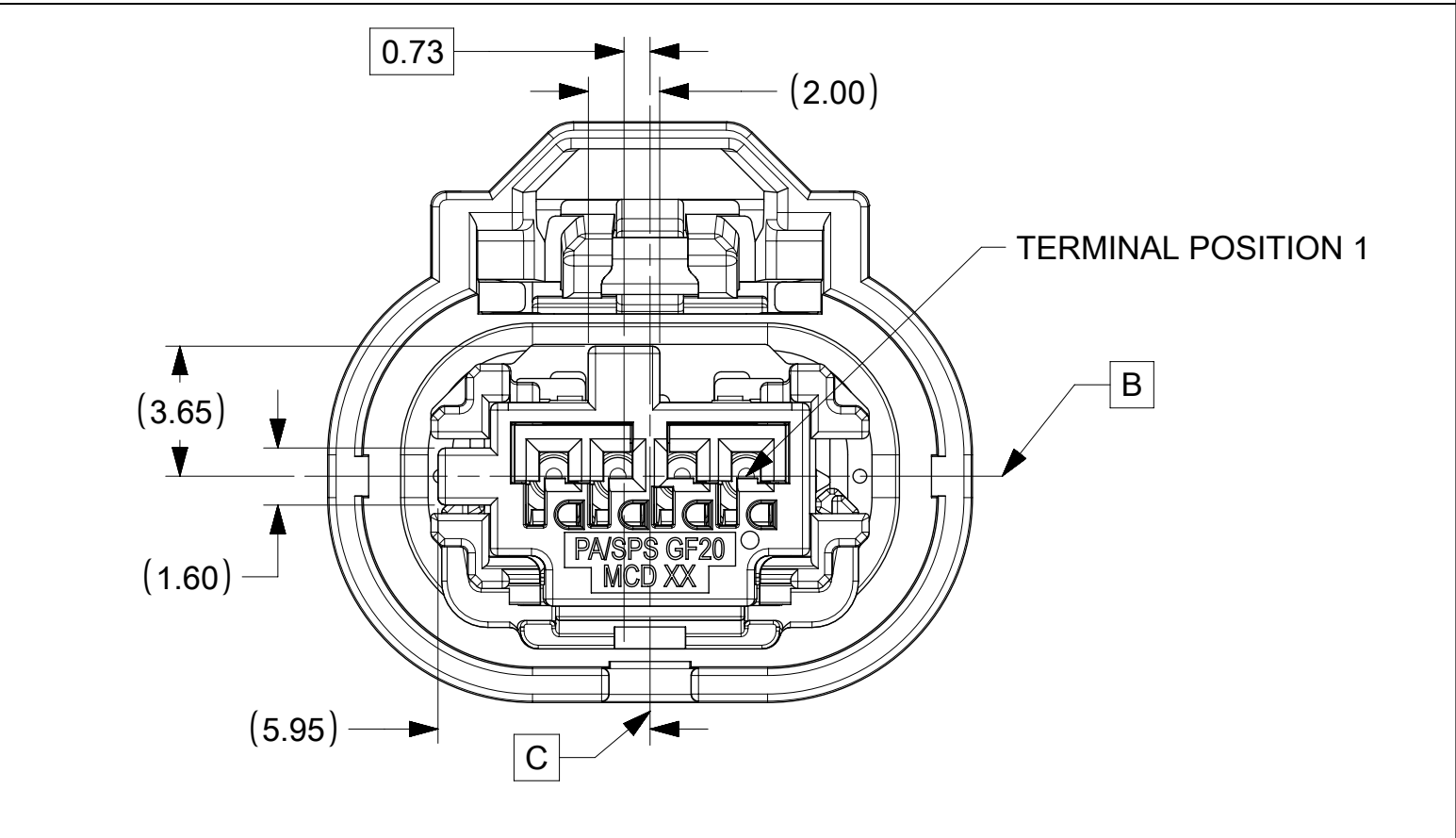
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
QUALITY SYMBOLS	EC NO: 638183 DRWN: SJAZRAWI CHKD: YLEPOTTIER REV / APPR: YLEPOTTIER	2020/05/20 2020/05/23 2020/05/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®					
					mm		50:1							
			ANGULAR TOL ± °		DRWN BY		DATE		DESIGN STANDARD HEADER PIN & BLADE TIP GEOMETRY FOR MATING TO HARNESS TERMINALS					
					SJAZRAWI		2016/08/16							
					CHK'D BY		DATE							
					APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
					YLEPOTTIER		2016/09/27							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION							
					A1									
RELEASE STATUS		P1		RELEASE DATE		2020/05/23		03:21:07						
18		17		16		15		14		13		12		

SHEET DESCRIPTION

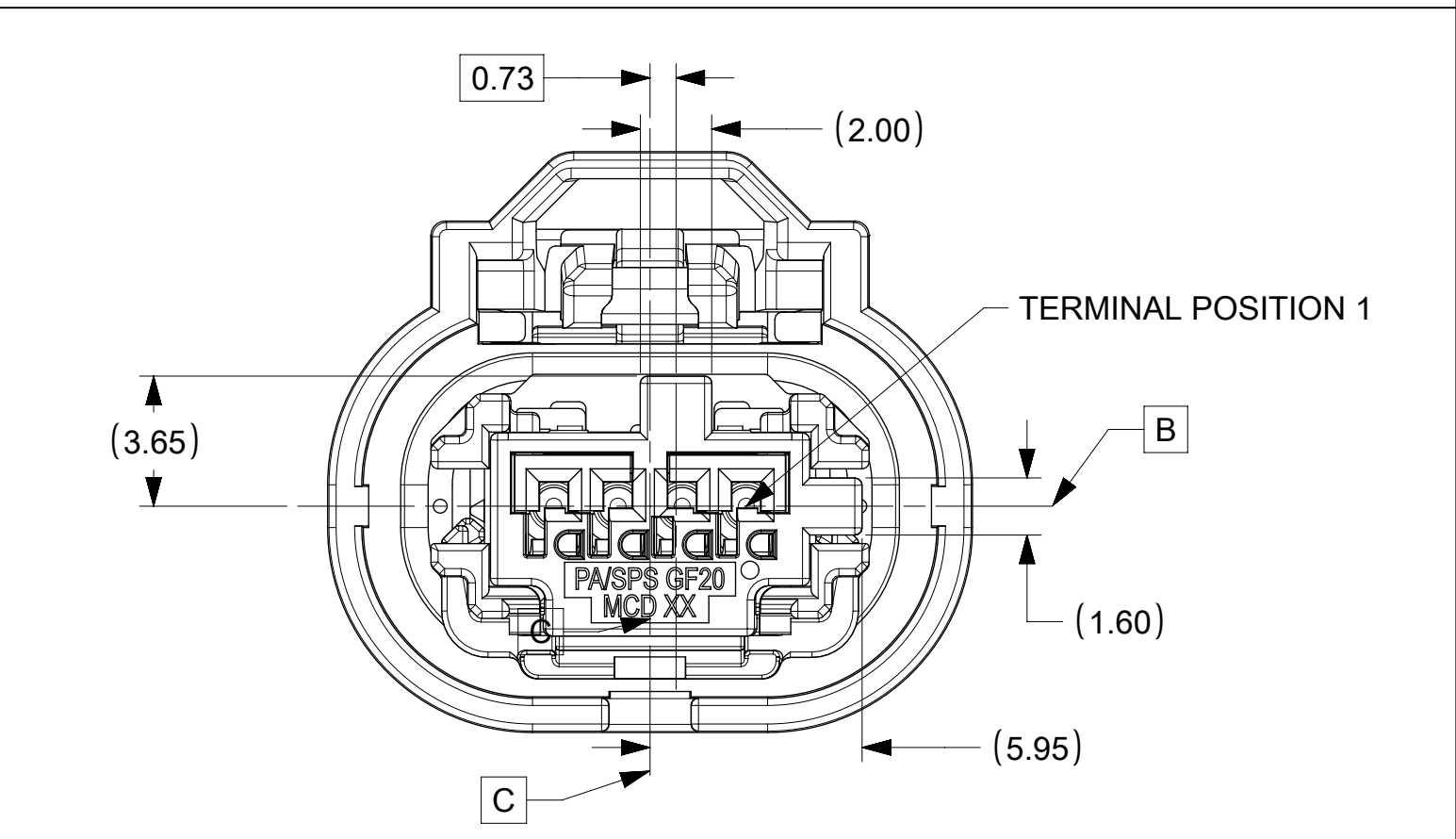
KEY CONFIGURATIONS



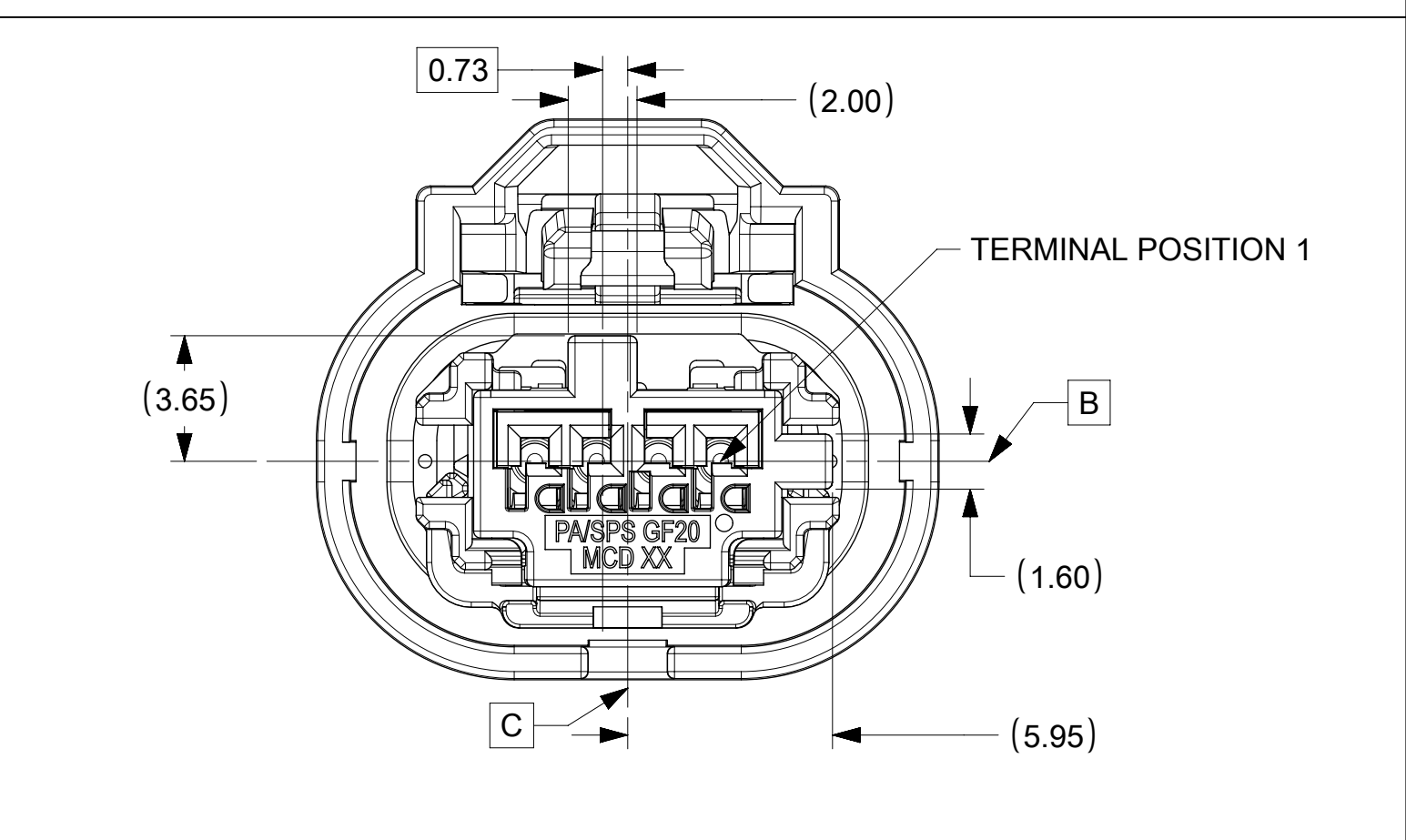
KEY A



KEY B



KEY C



KEY D

FUNCTIONAL 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: UPDATED PART NUMBER CHART					
	mm		1:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 656180 DRWN: MLI1492021/02/19 CHK'D: JCONDON2021/02/22 APPR: JCONDON2021/02/22 INITIAL REVISION: DRWN: MNS022016/04/26 APPR: KDEKOSKI2016/05/19					
	ANGULAR TOL ± 3.0 °									
	4 PLACES		±							
	3 PLACES		±							
	2 PLACES		± 0.1							
	1 PLACE		± 0.2							
	0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		
						A1-SIZE		34967		

molex				
MINI50 SEALED 1X4 RCPT ASSY				
PRODUCT CUSTOMER DRAWING				
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
349674000		PSD	000	E3
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
SEE CHART				2 OF 3

molex

MINI50 SEALED 1X4 RCPT ASSY

PRODUCT CUSTOMER DRAWING

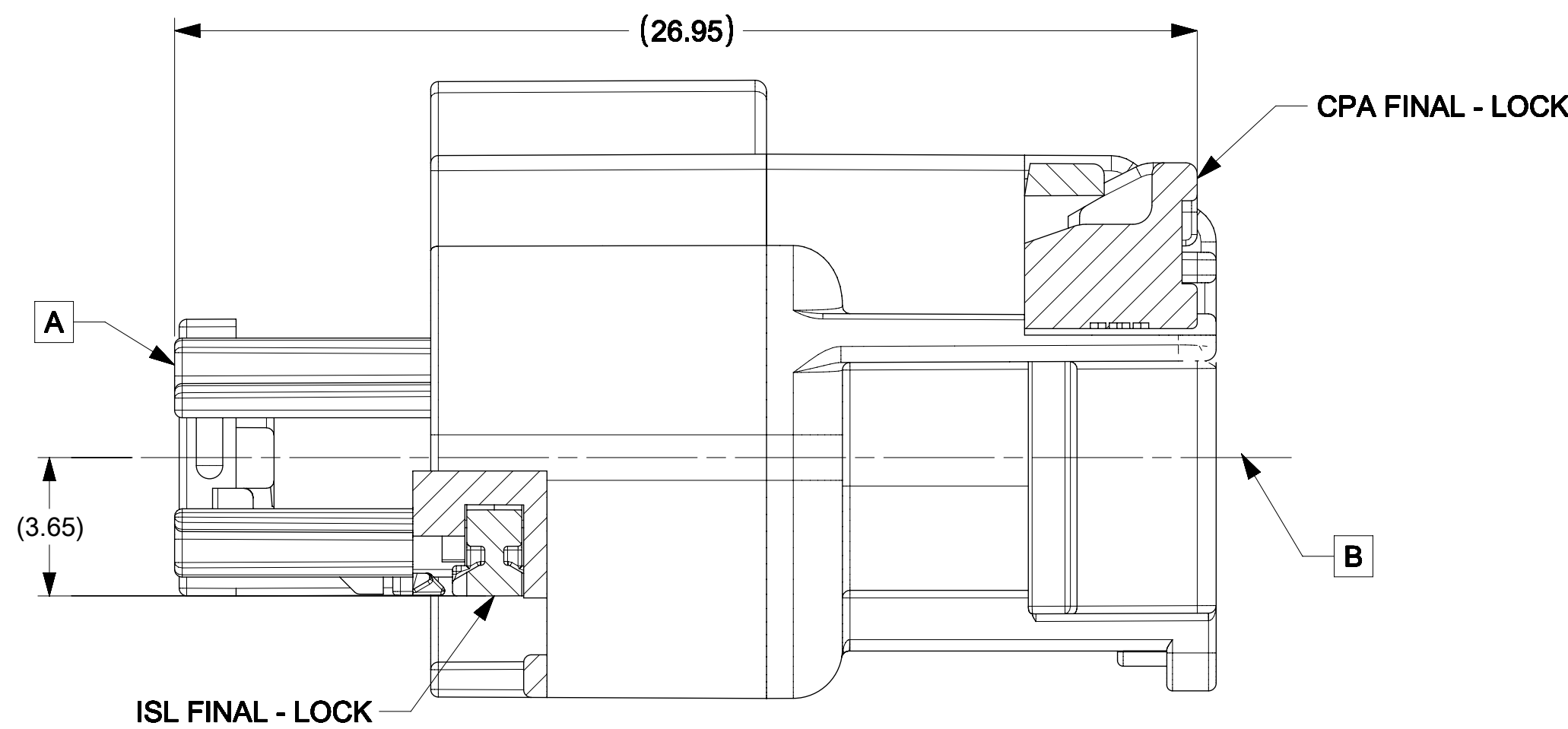
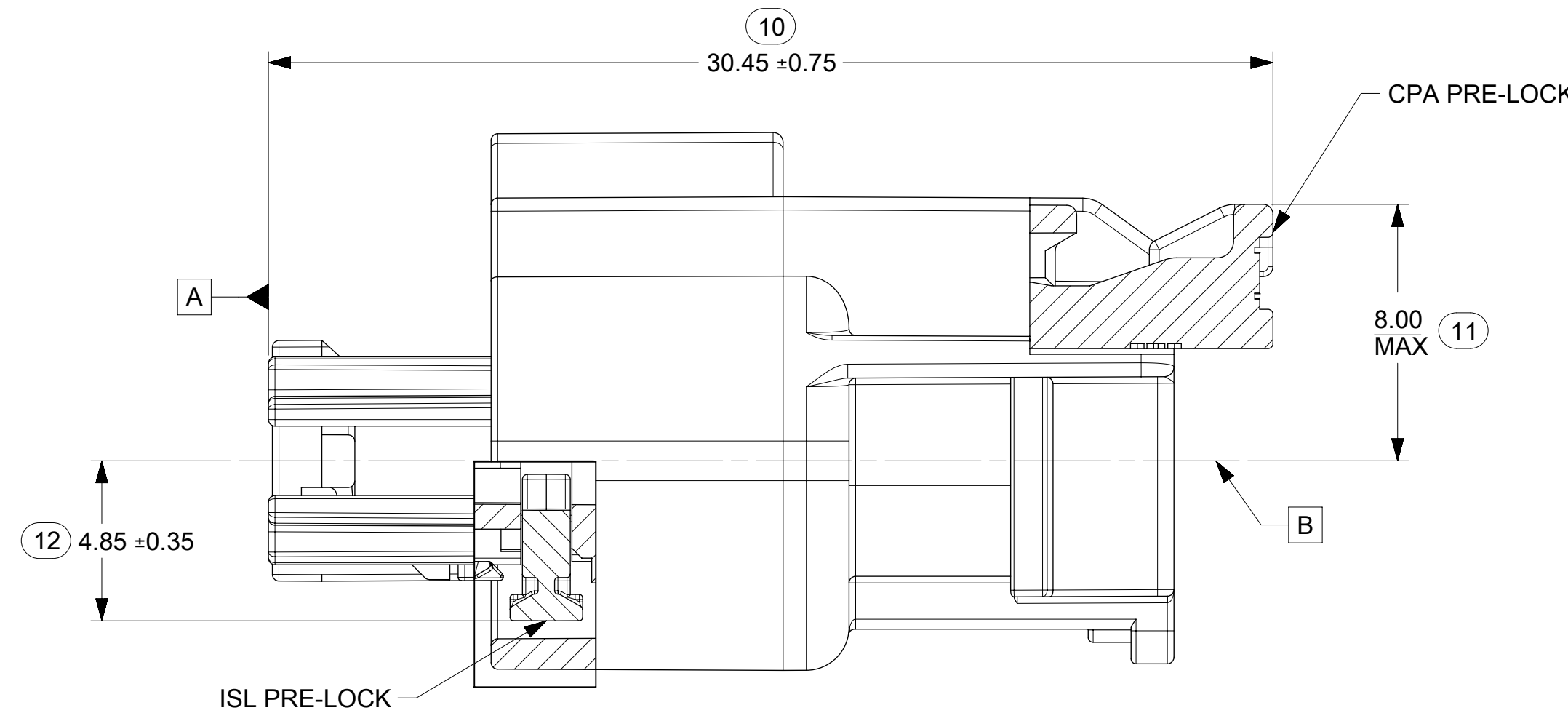
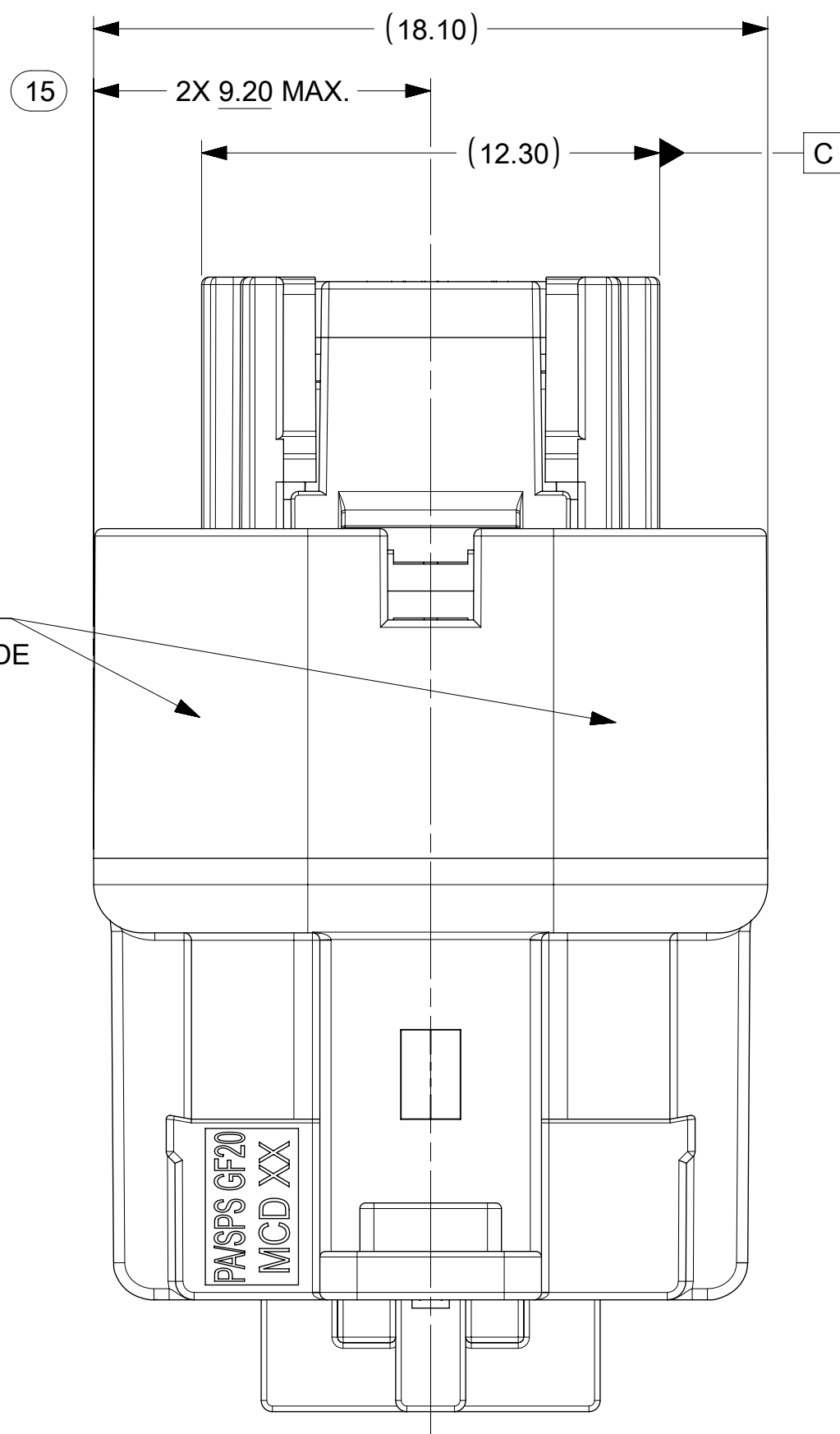
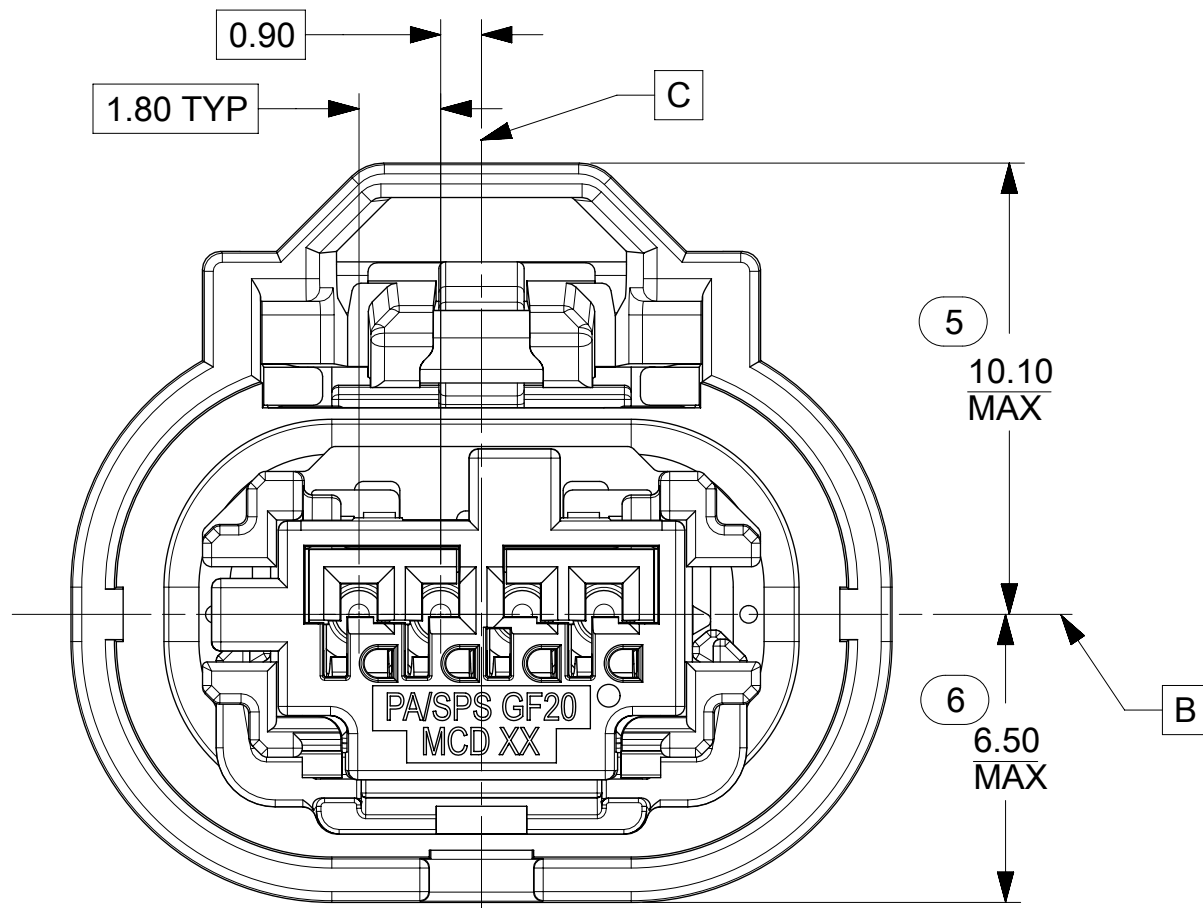
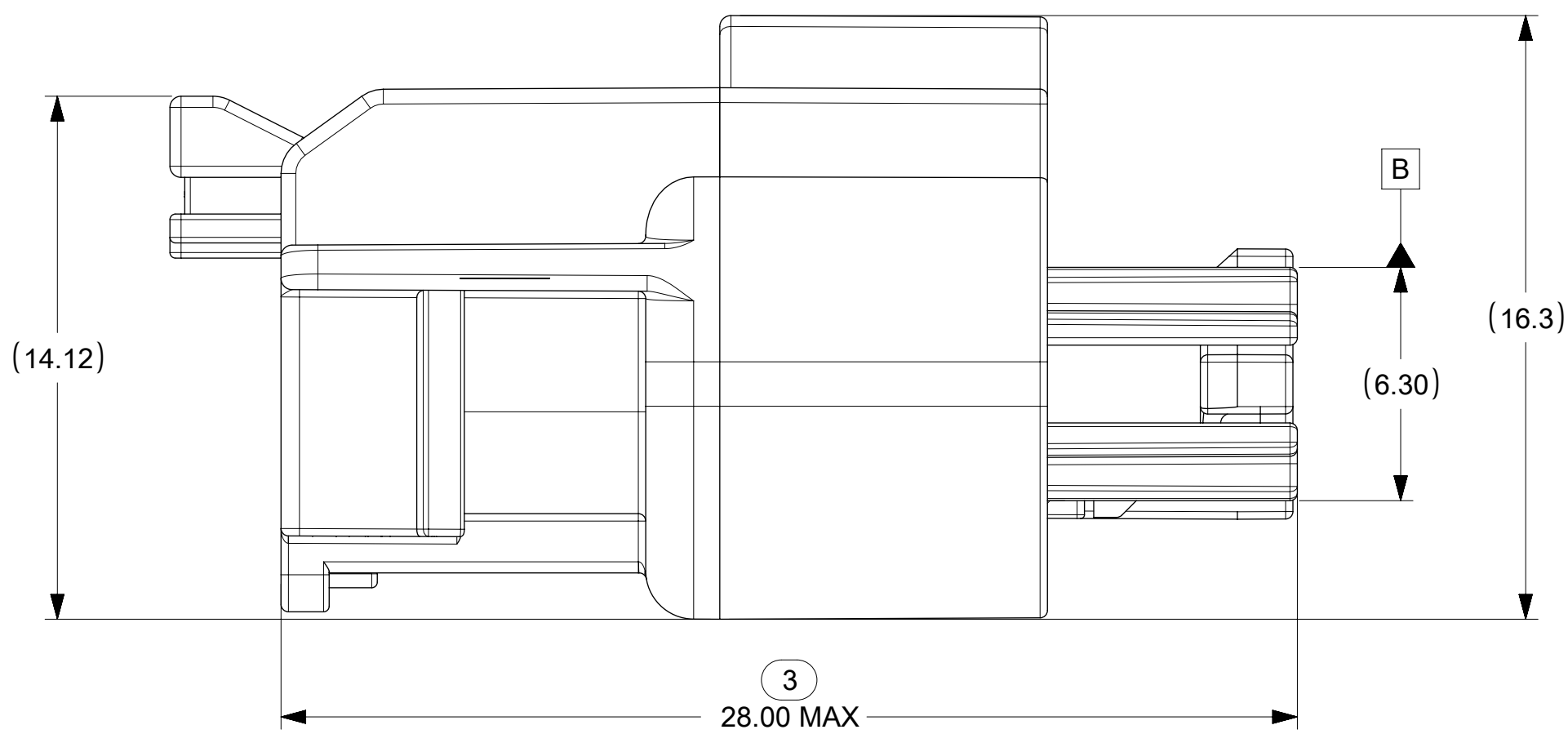
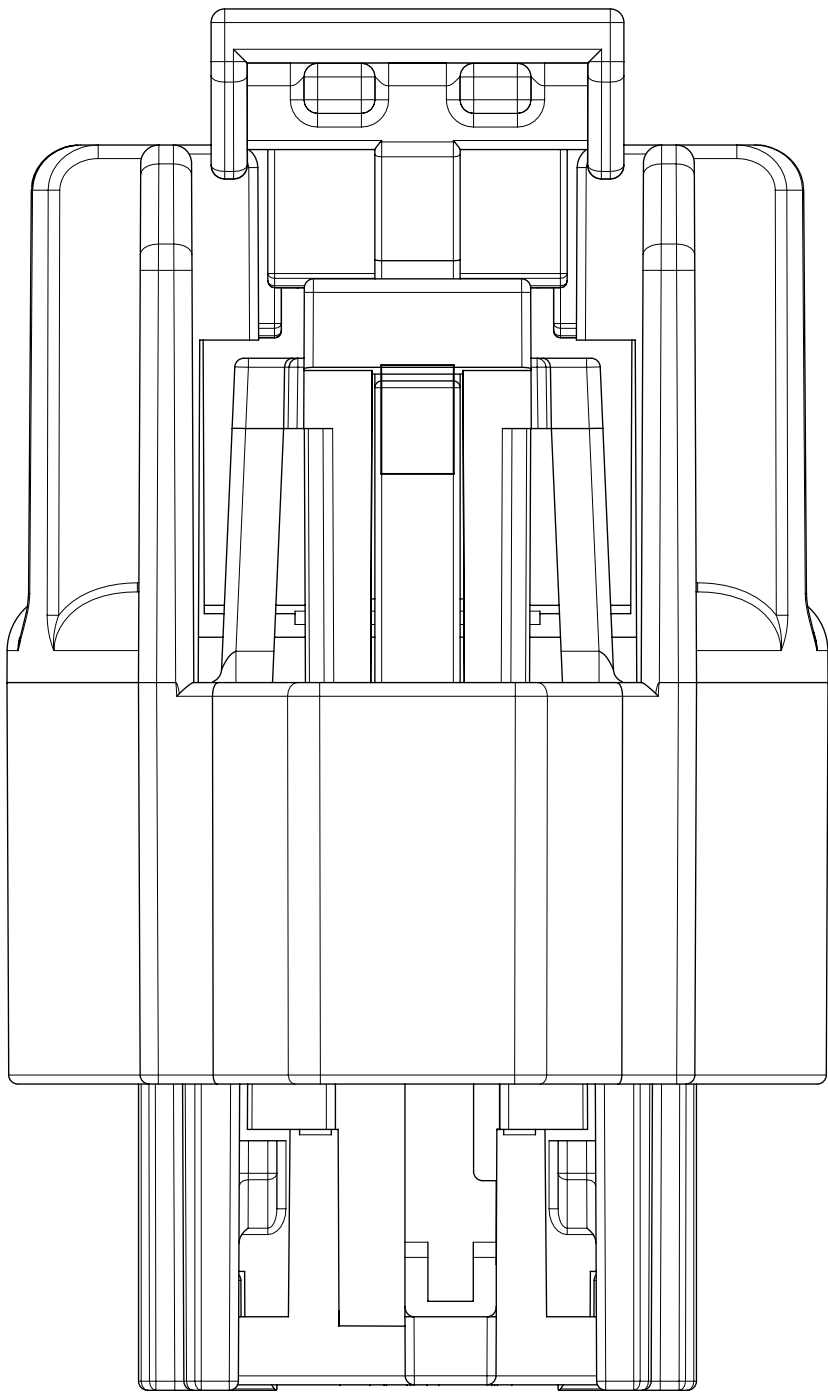
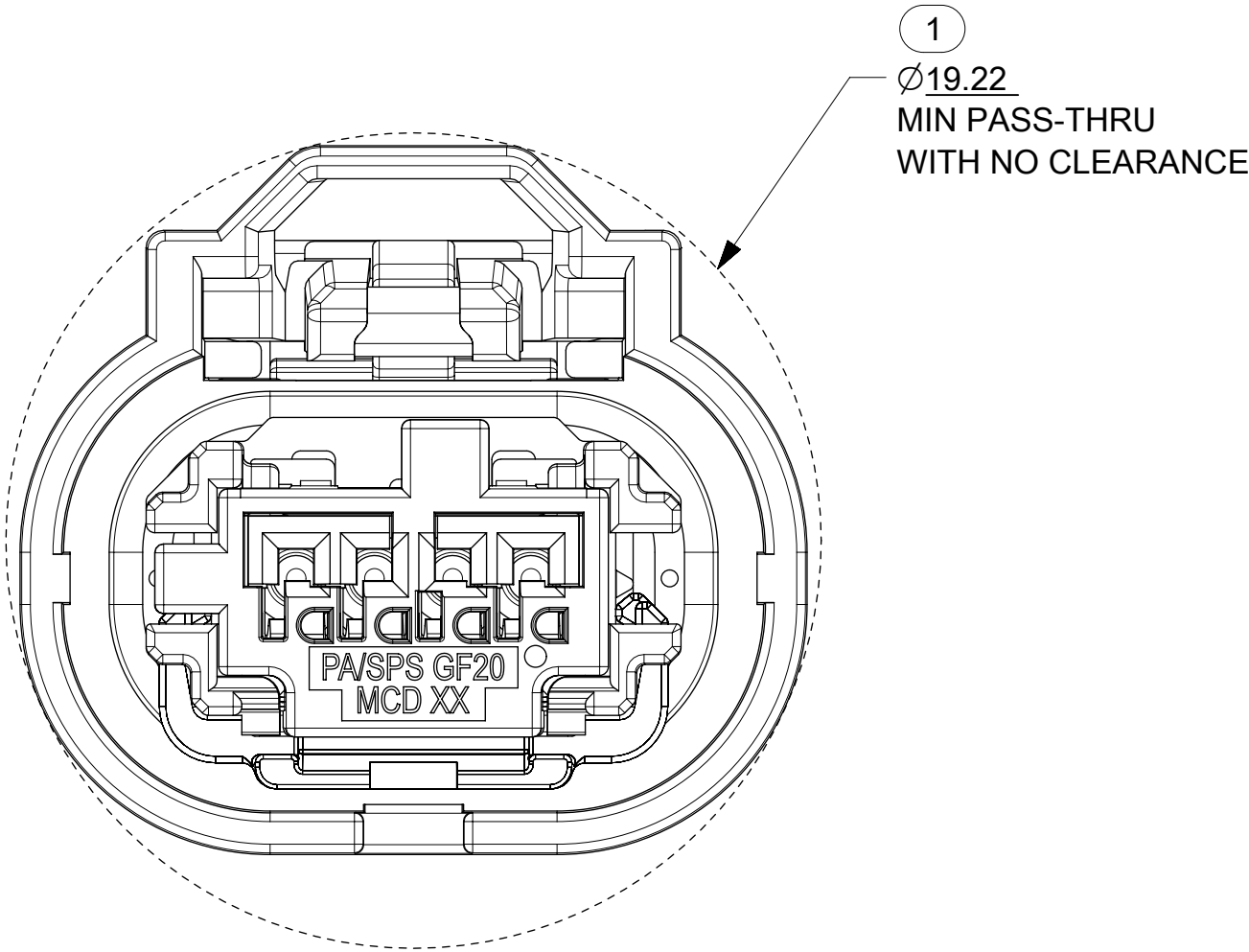
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
349674000	PSD	000	E3

SHEET NUMBER

2 OF 3

SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY



FUNCTIONAL 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: UPDATED PART NUMBER CHART			molex MINI50 SEALED 1X4 RCPT ASSY										
	mm		1:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 656180 DRWN: MLI149 2021/02/19 CHK'D: JCONDON 2021/02/22 APPR: JCONDON 2021/02/22													
	ANGULAR TOL ± 3.0 °																	
	4 PLACES		±															
	3 PLACES		±															
	DIVISIONAL SYMBOLS	2 PLACES		± 0.1		PRODUCT CUSTOMER DRAWING												
		1 PLACE		± 0.2														
		0 PLACES		±														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		
						A1-SIZE		34967		349674000		PSD		000		E3		

molex

MINI50 SEALED 1X4 RCPT ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

349674000

PSD

000

E3

MATERIAL NUMBER CUSTOMER SHEET NUMBER

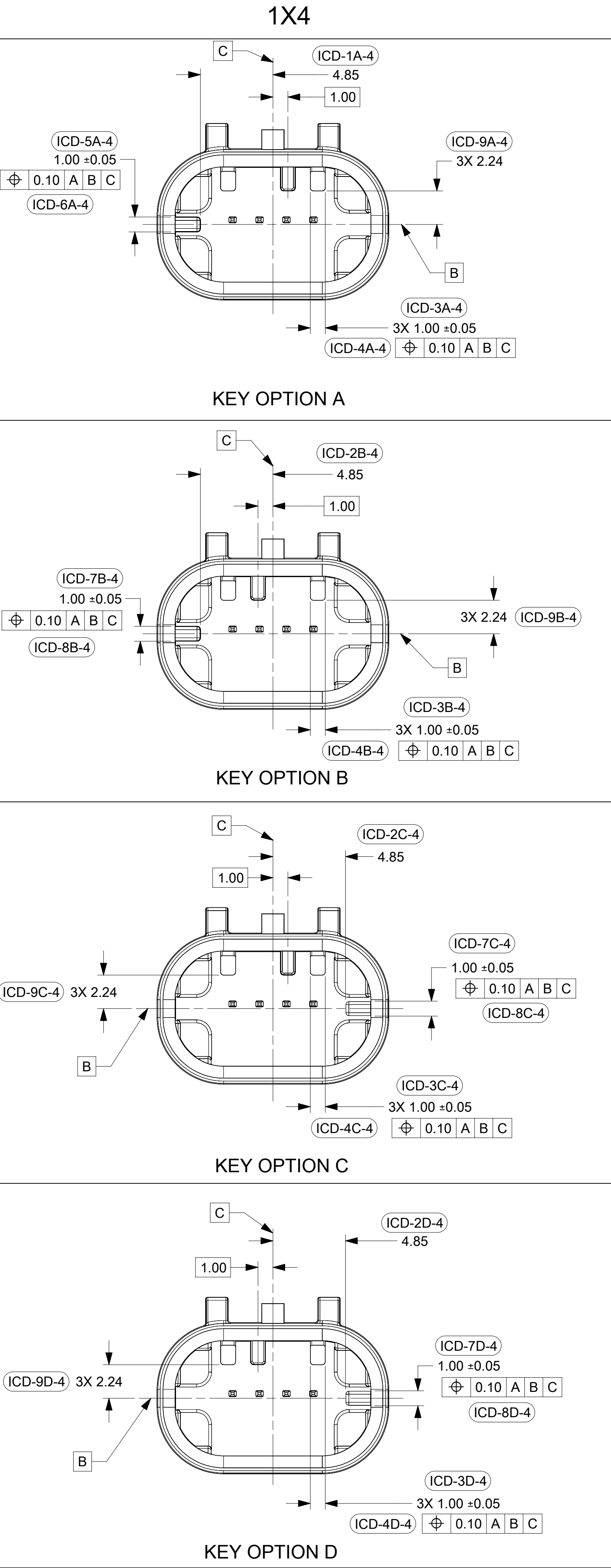
SEE CHART

3 OF 3

DOCUMENT STATUS P1 RELEASE DATE 2021/02/22 22:10:10

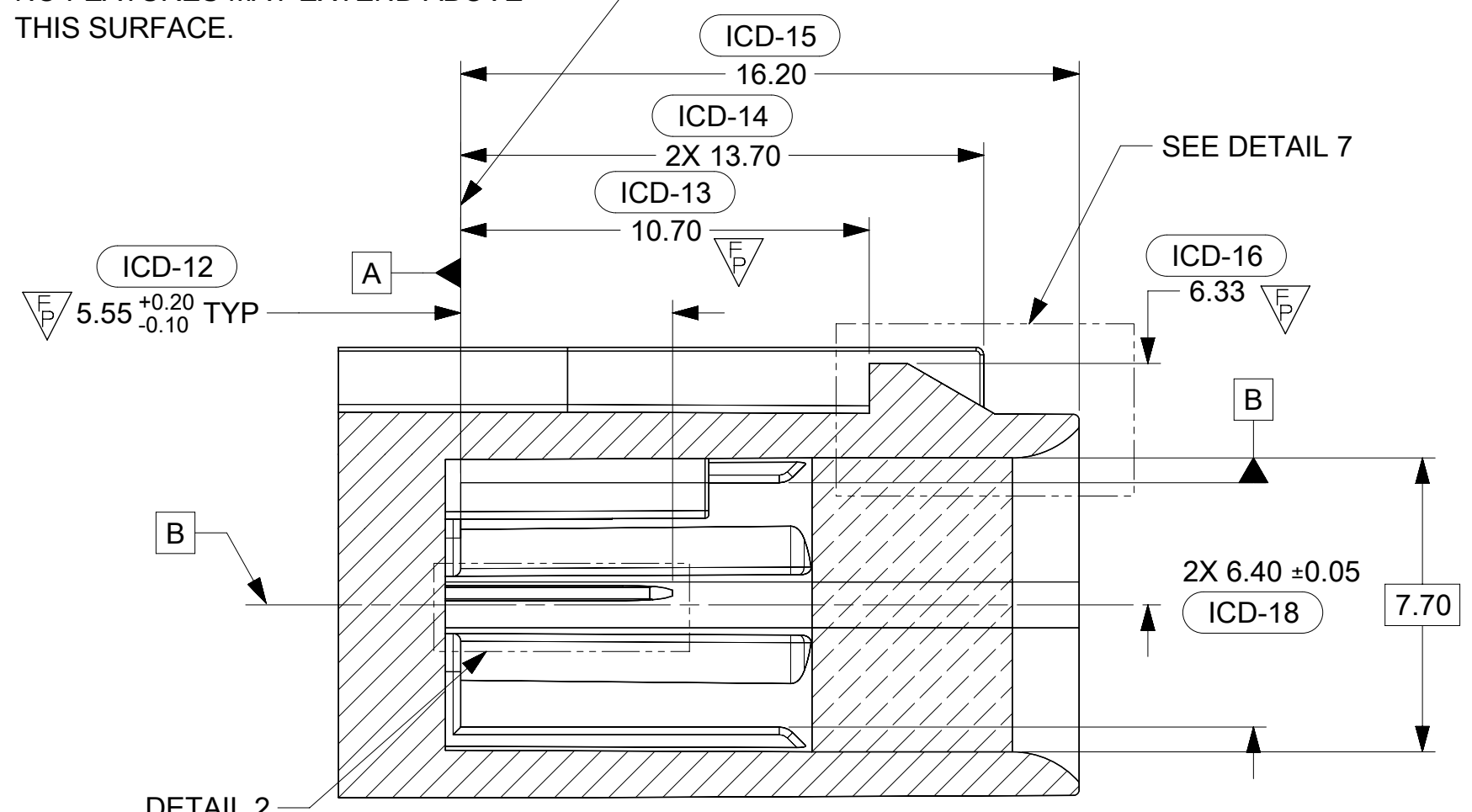
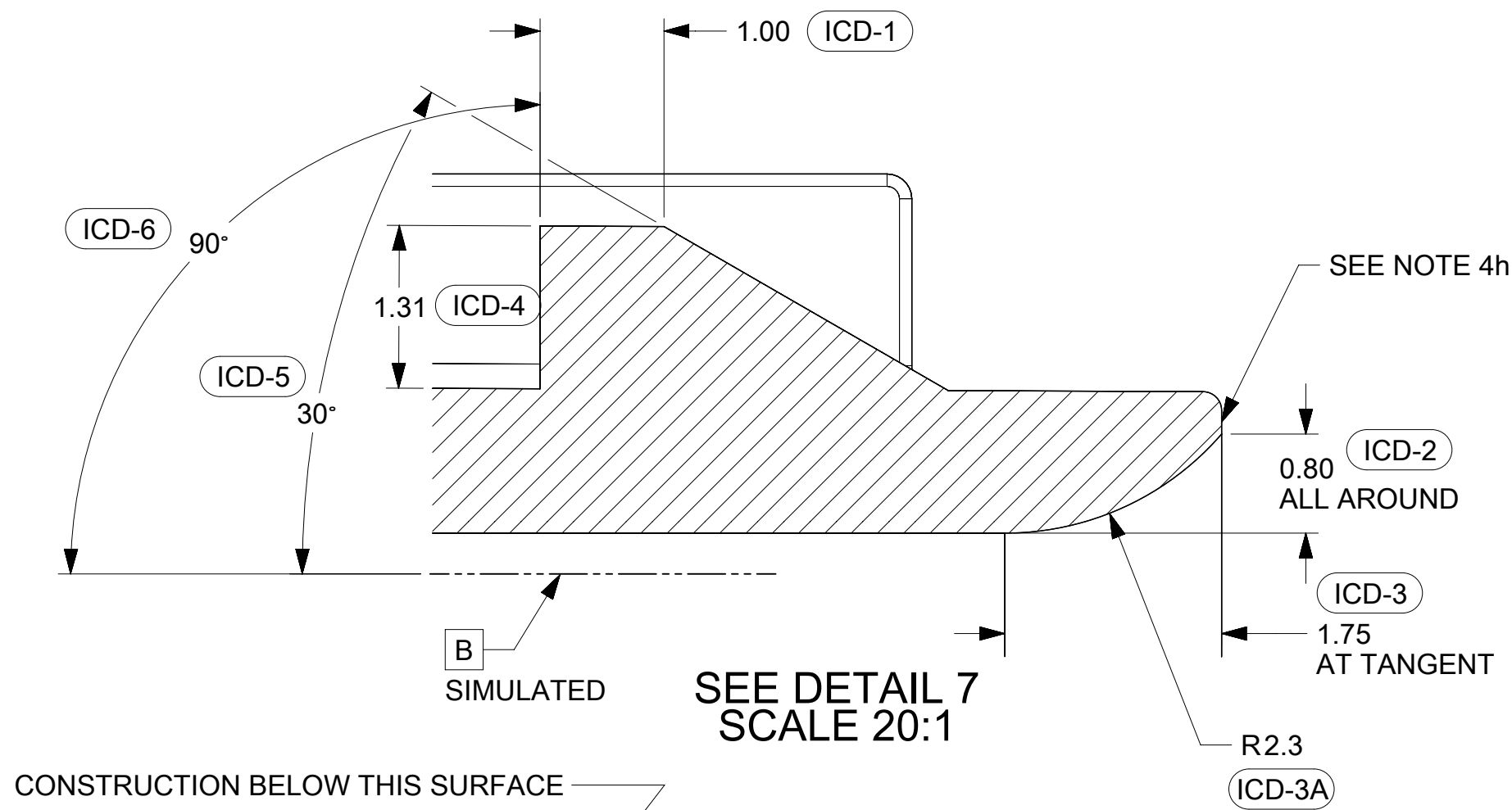
SHEET DESCRIPTION

KEY CONFIGURATIONS

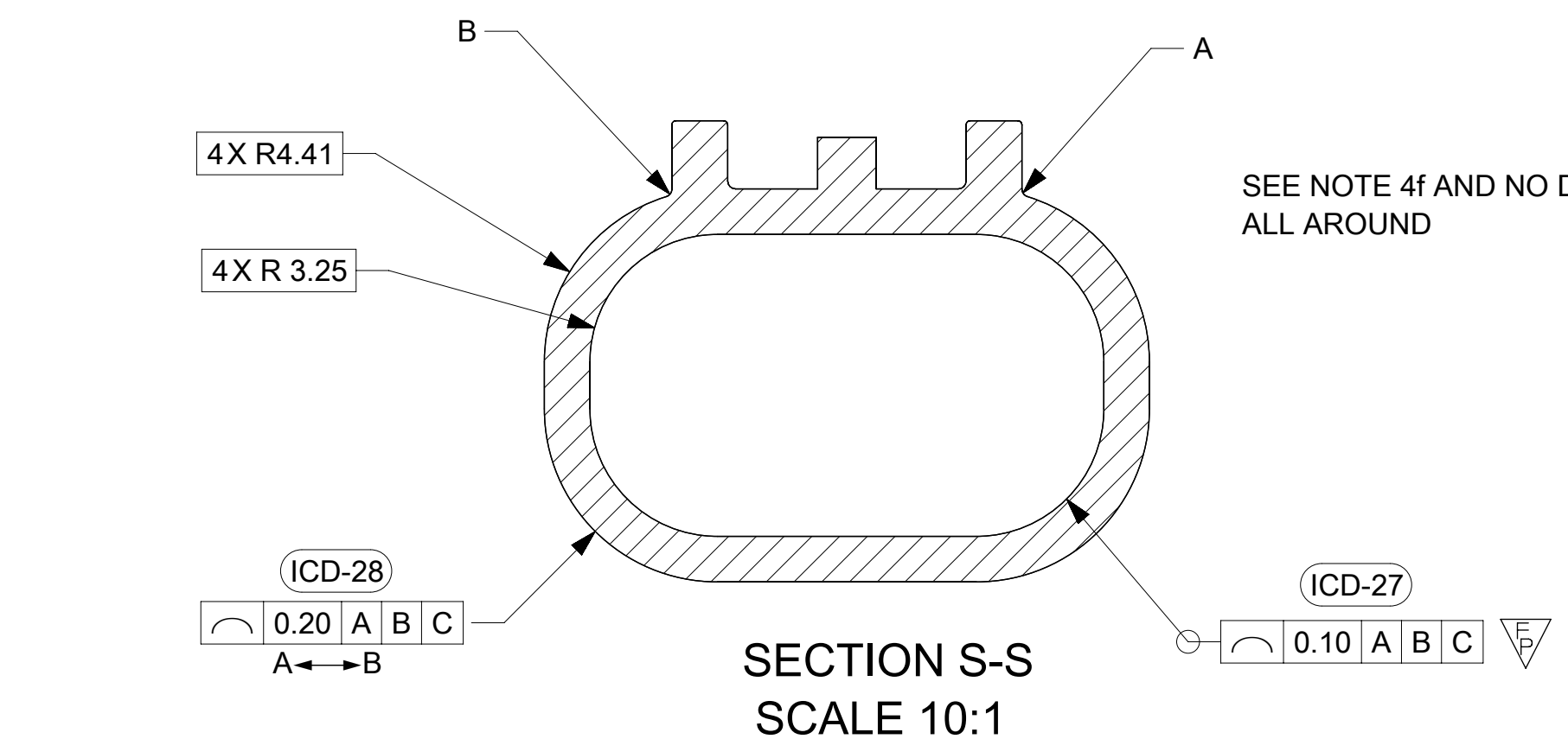


QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
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	= 0			ANGULAR TOL ± 3.0 °		mm	1:1					
	= 0			4 PLACES	±	MNS02		2016/04/21		MINI50 SEALED 1X4 INTERFACE		
	= 0			3 PLACES	±	CHK'D BY		DATE				
	= 0			2 PLACES	± 0.1	APPR BY		DATE		PRODUCT CUSTOMER DRAWING		
	= 0			1 PLACE	± 0.2	KDEKOSKI 2016/05/04						
	= 0			0 PLACES	±	DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER	CUSTOMER
	= 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A1				34968	SEE CHART	
	= 0	C4	REV					DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER
								349684800		PSD	000	2 OF 4

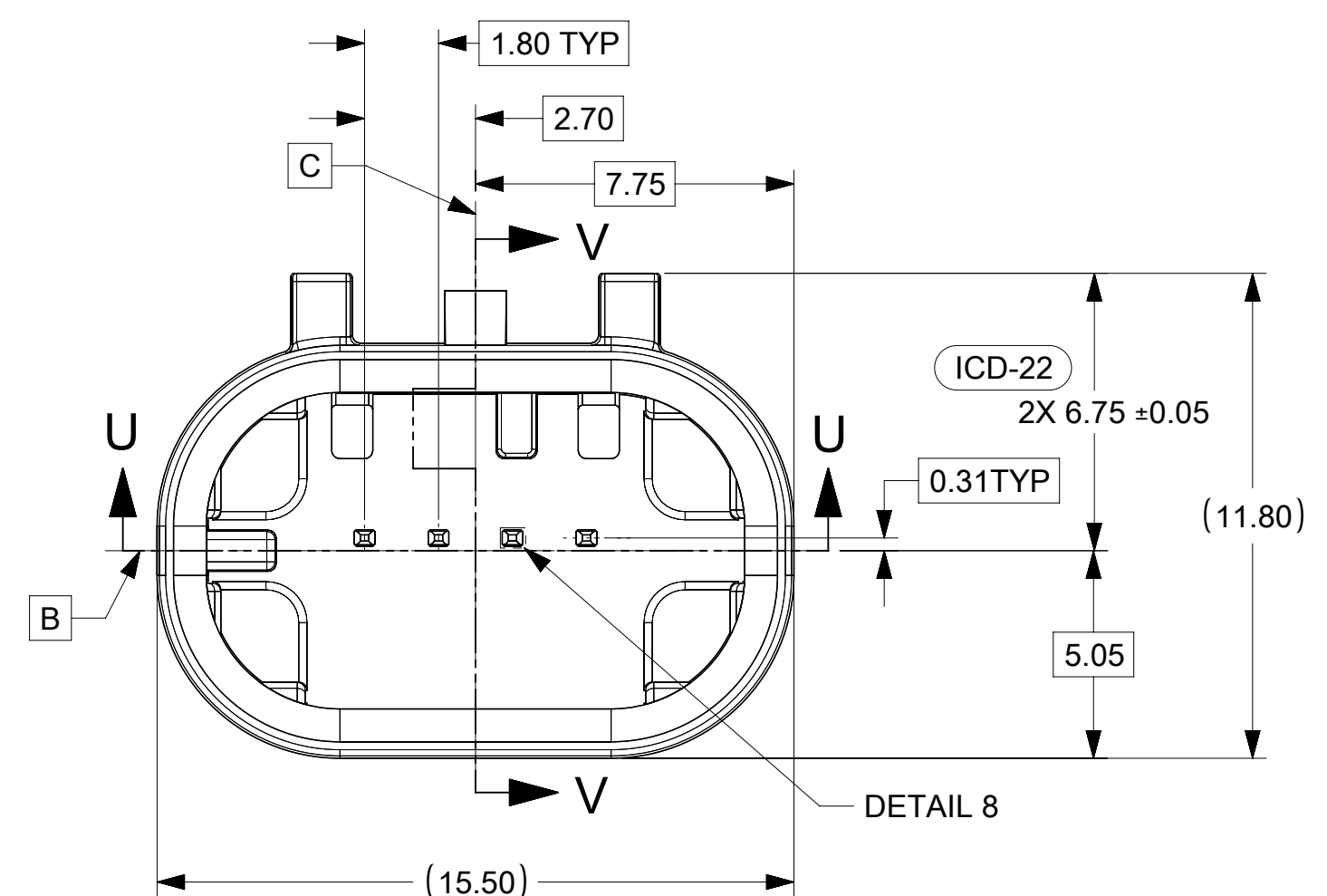
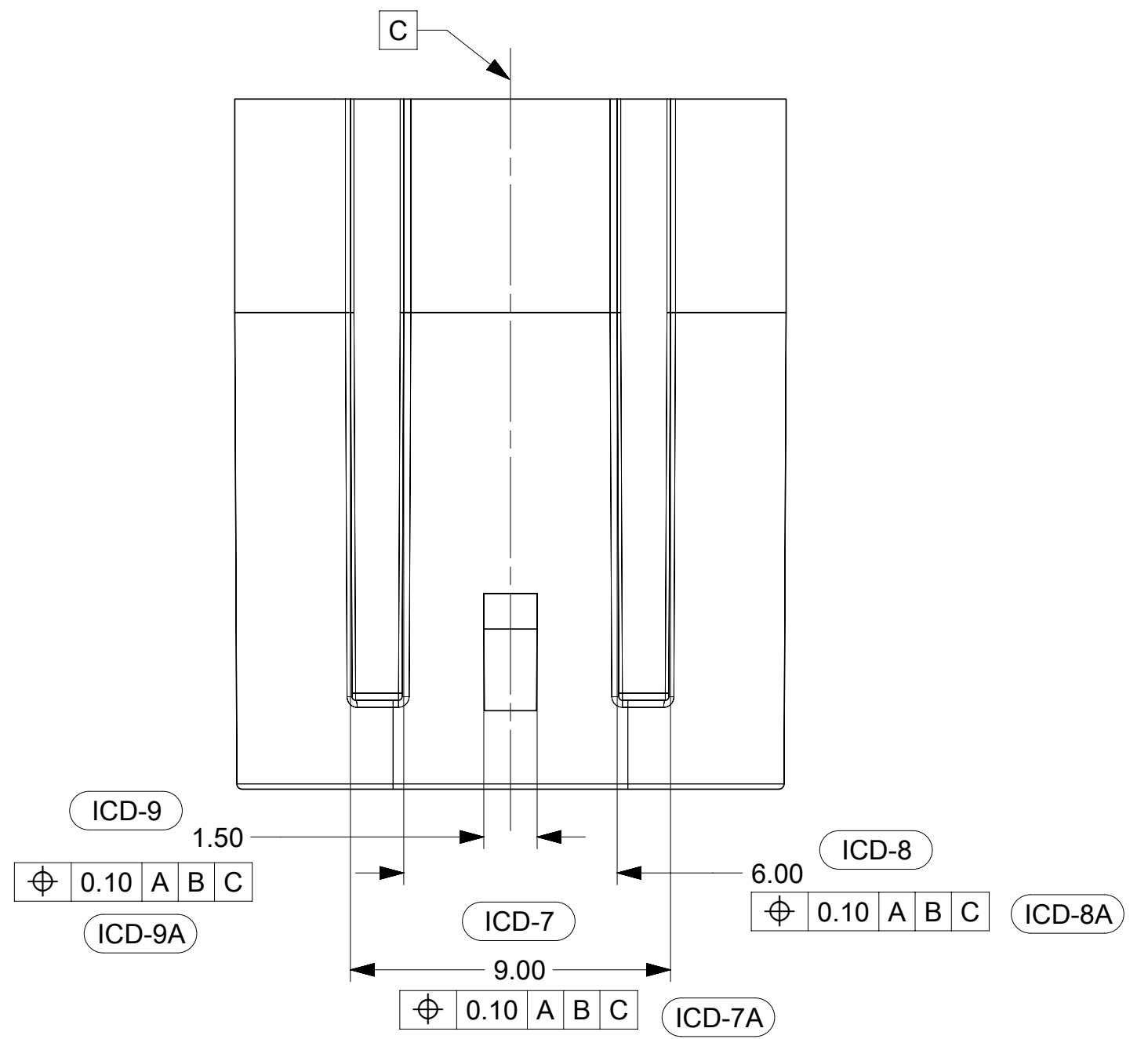
SHEET DESCRIPTION
CONNECTOR INTERFACE DEFINITION



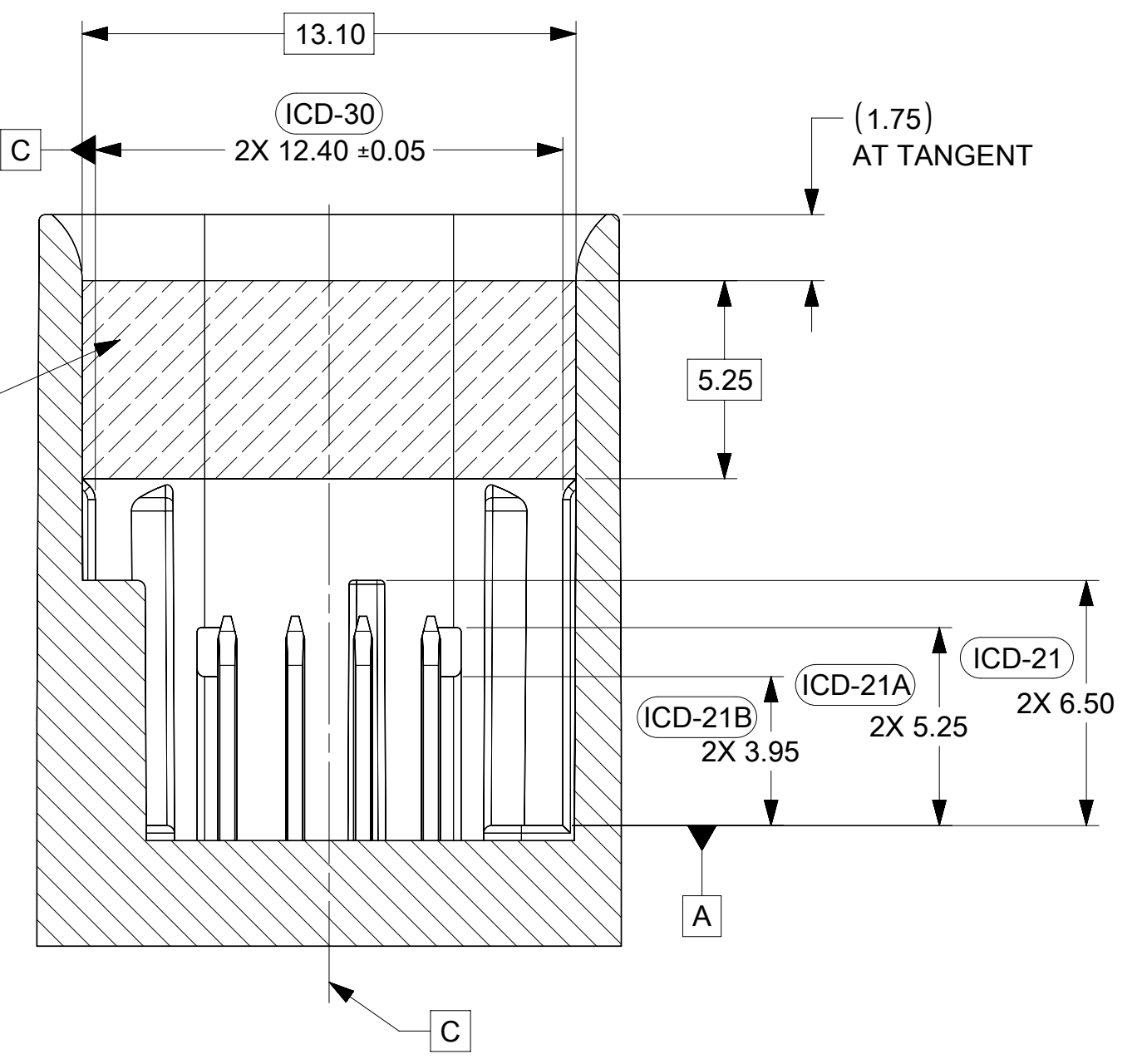
SECTION V-V



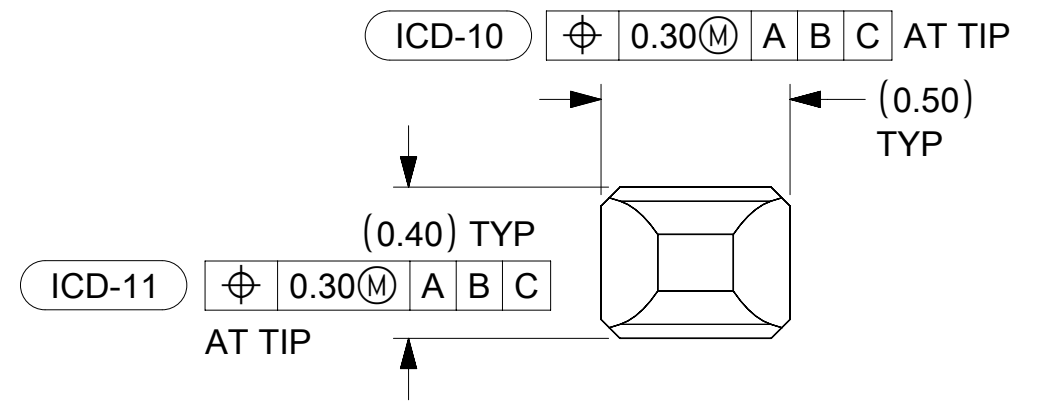
SECTION S-S
SCALE 10:1



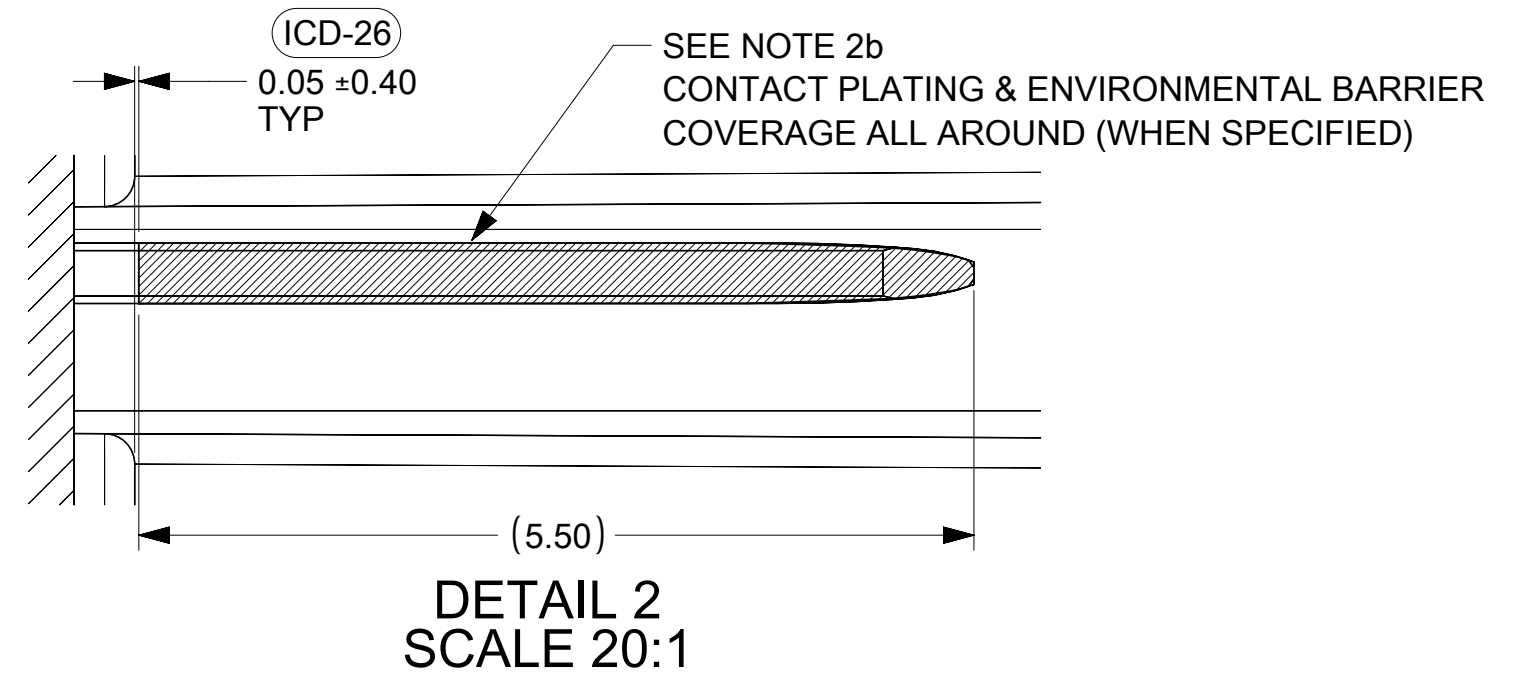
SECTION U-U



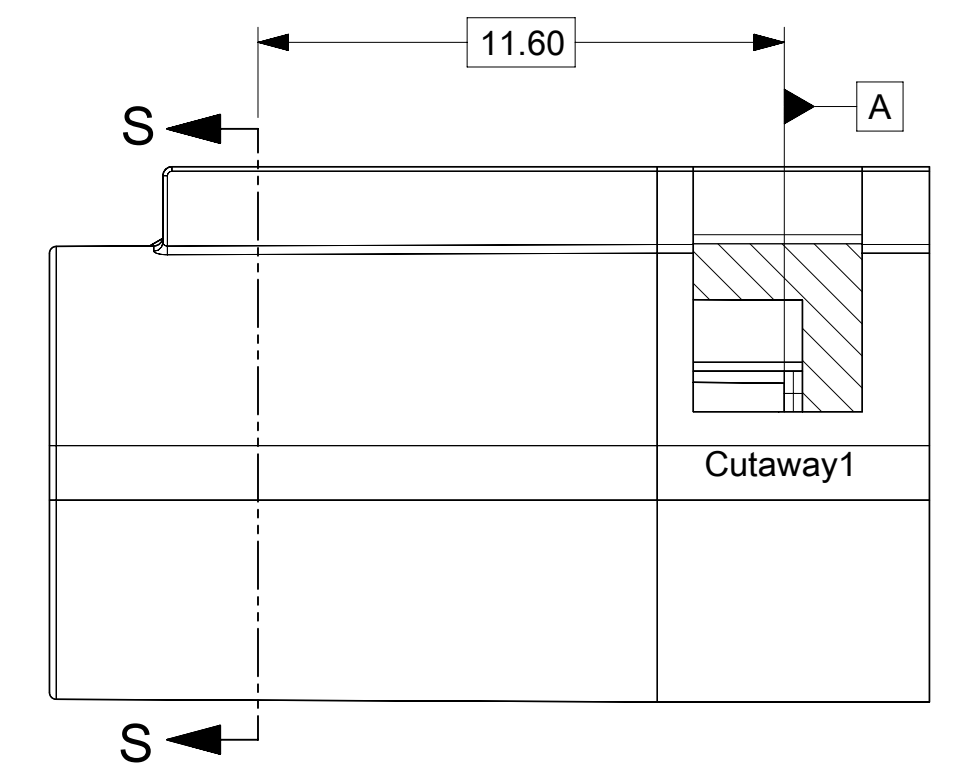
SEE NOTE 2b
REFER TO MOLEX SALES DWG 347350050
AND EWCAP DWG. NO. EWCAP-001 REV. P 050-T001
0.50 TERMINAL BLADE CONFIGURATION



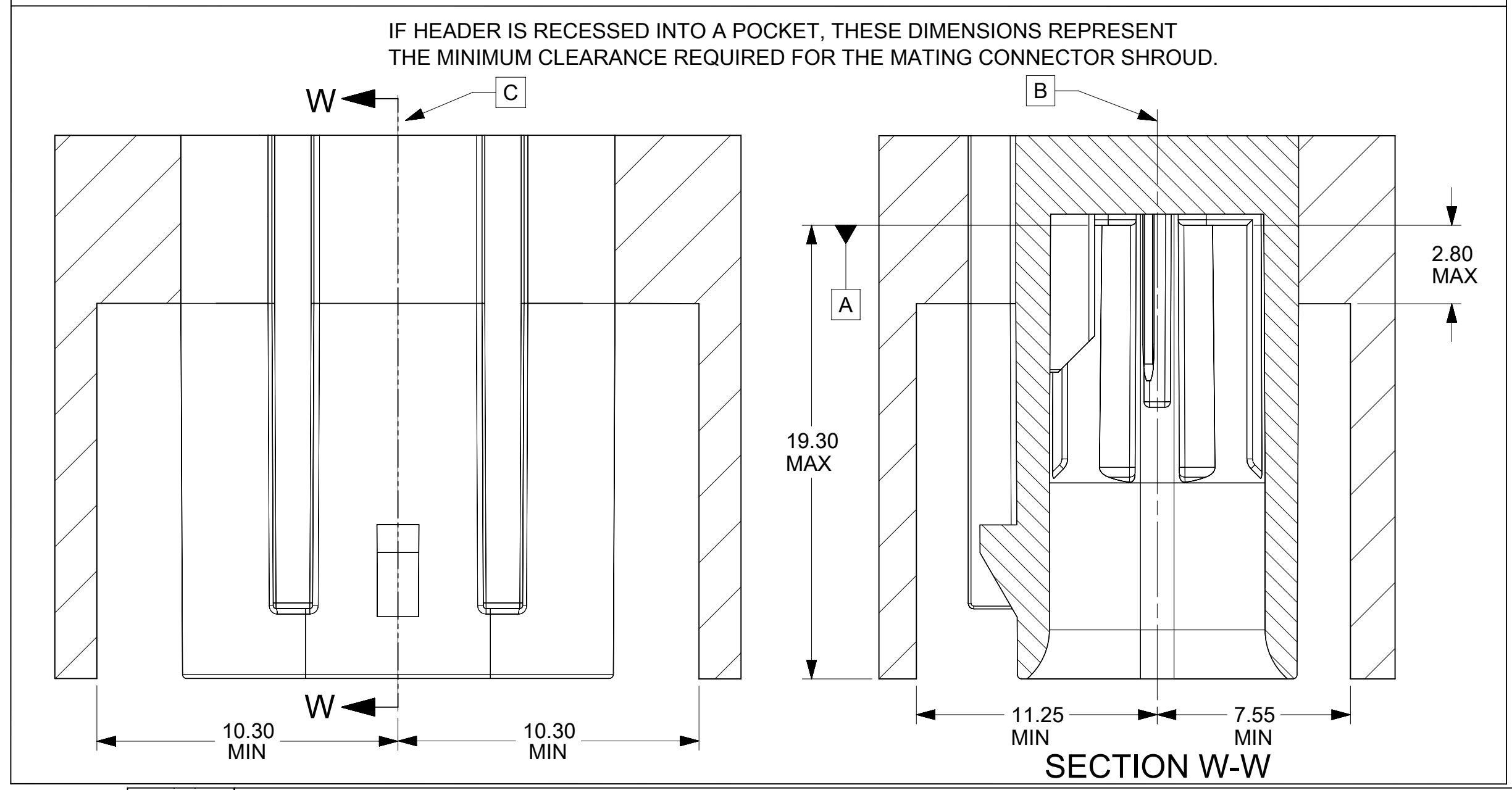
DETAIL 8
SCALE 50:1



DETAIL 2
SCALE 20:1



PACKAGING FRAME



molex®

MINI50 SEALED 1X4 INTERFACE

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
34968	SEE CHART	
DOCUMENT NUMBER	DOC TYPE	DOC PART
349684800	PSD	000
SHEET NUMBER		
3 OF 4		

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DIMENSION UNITS	SCALE
= 0	2021/02/26	mm	1:1
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= 0	2021/03/24	MNS02	2016/04/21
= 0		CHK'D BY	DATE
= 0		APPR BY	DATE
= 0		KDEKOSKI	2016/05/04
= 0		DRAWING SIZE	THIRD ANGLE PROJECTION
= 0		A1	
= 0			

