

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:

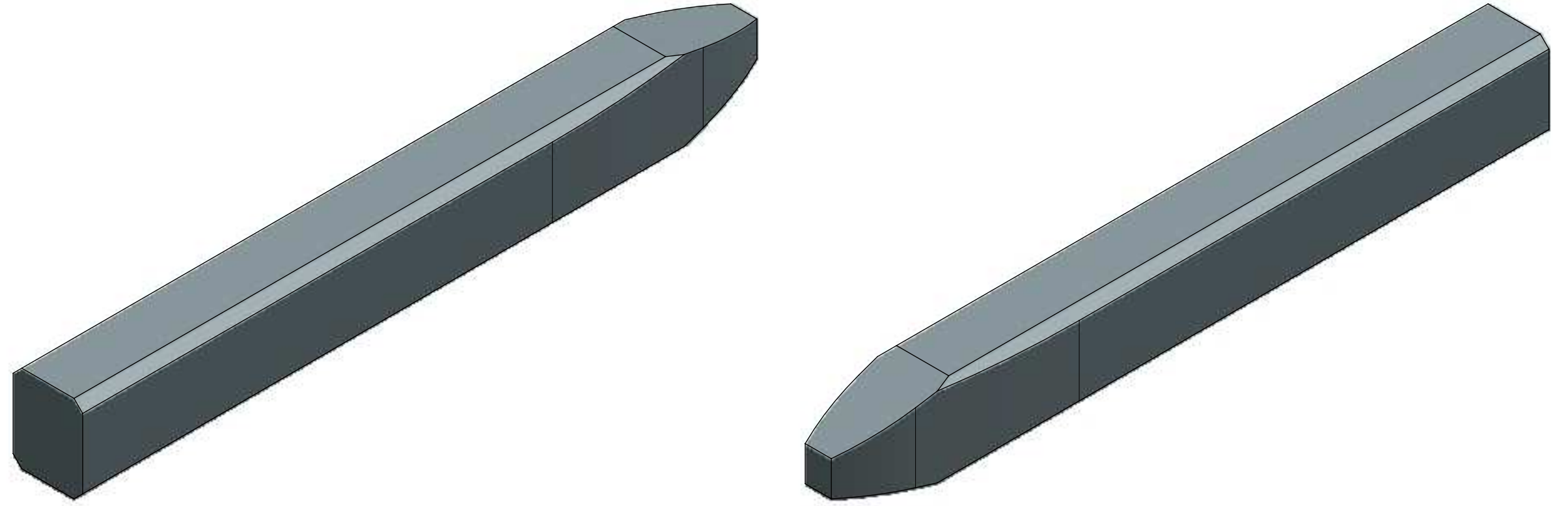
- ## 2.1. BASE MATERIAL TYPE : COPPER ALLOY

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:

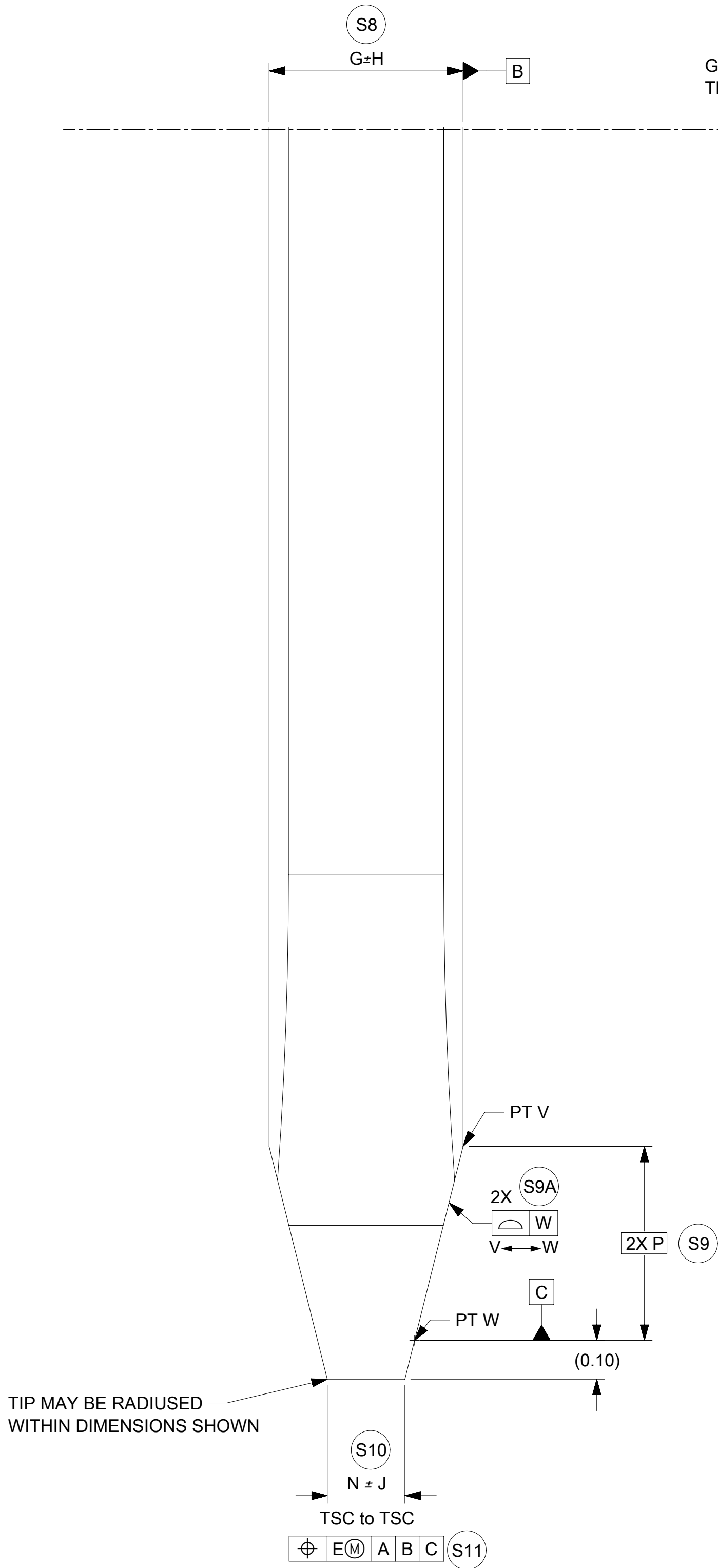
- 4.1. ANY REMAINING PROCESS LUBRICANT MUST NOT VARNISH OR DEGRADE ELECTRICAL PERFORMANCE. PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER.
- 4.2. ALLOWABLE BURR: 0.03mm MAX UNLESS OTHERWISE SPECIFIED
- 4.3. FOR UNPLATES BLADES - TOOLING MARKS SPANNING ACROSS OR ALONG THE INTERFACING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



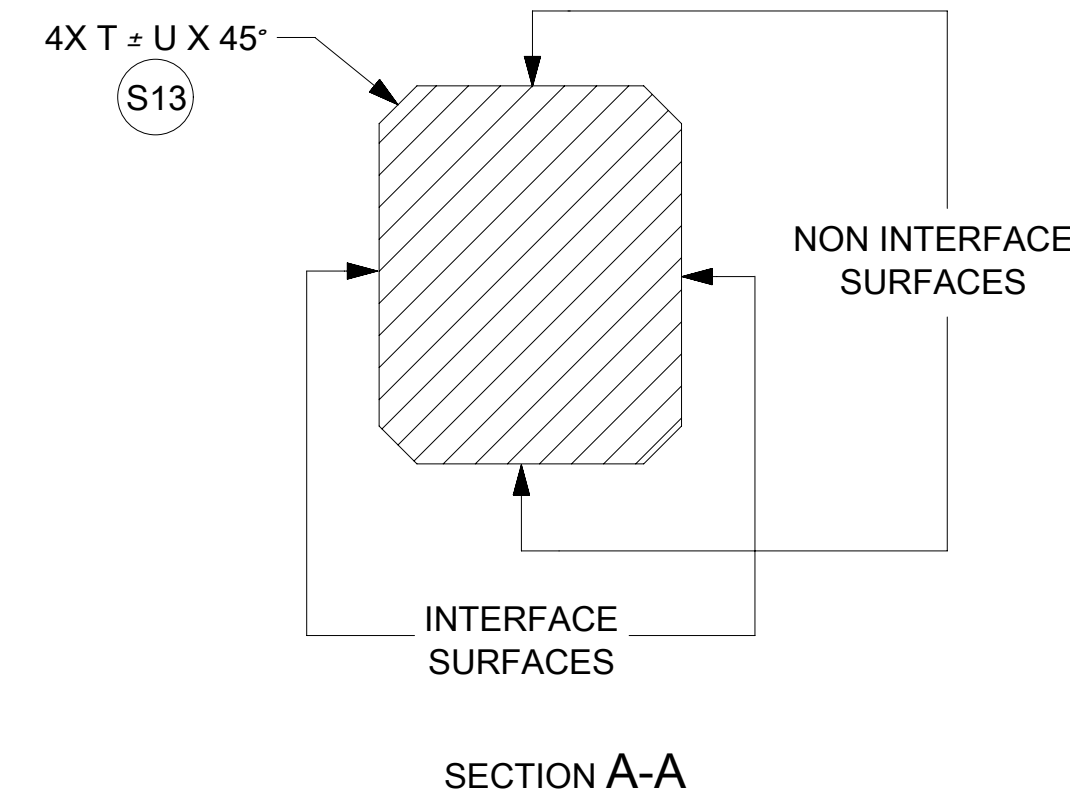
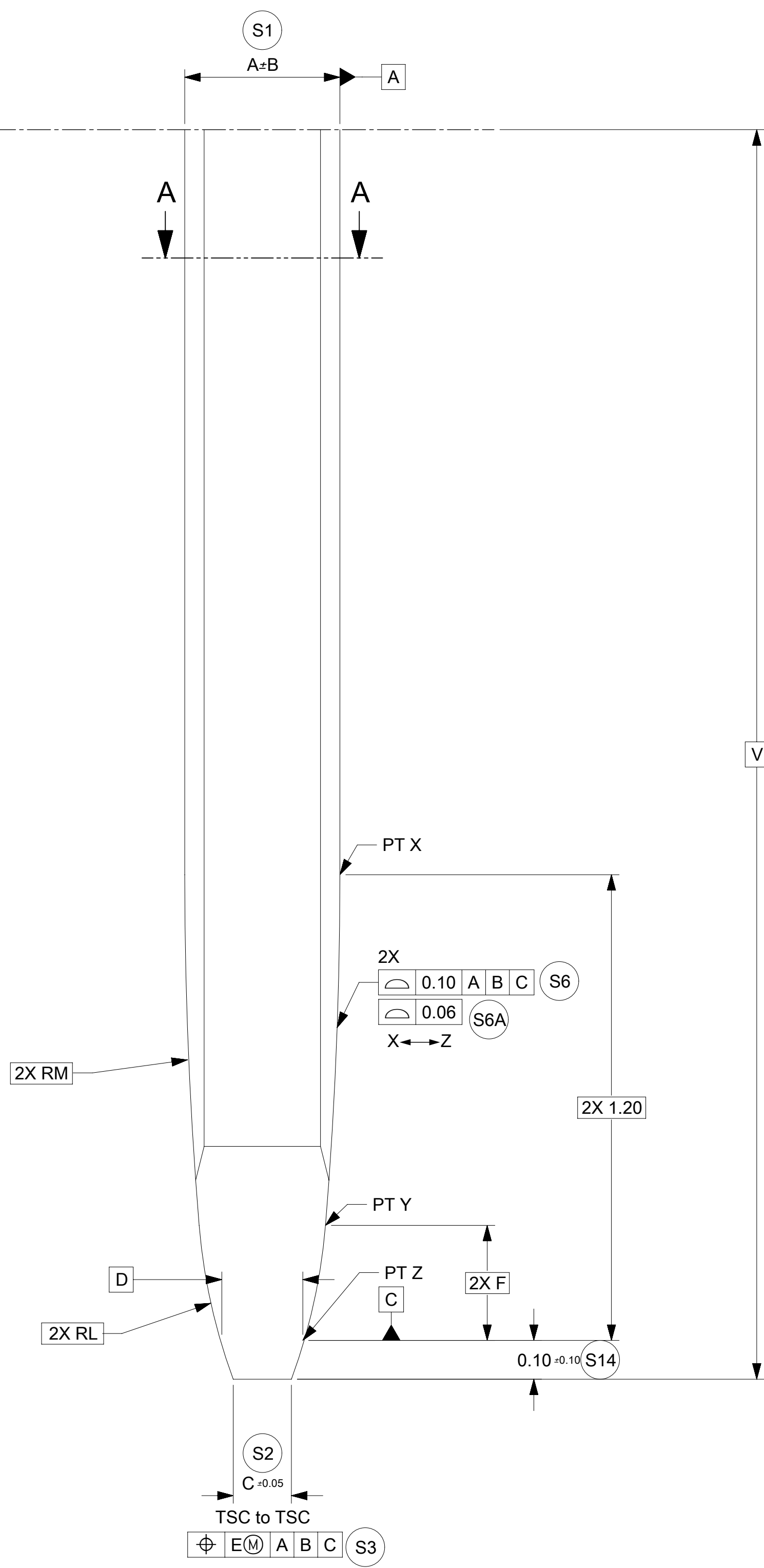
SCALE 50:1

0.5 MM PIN VIEW SHOWN FOR REPRESENTATION PURPOSES ONLY

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	= 0	EC NO: 638183 DRWN: SJAZRAWI CHK'D: YLEPOTTIER APPR: YLEPOTTIER	2020/05/20 2020/05/23 2020/05/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE									
	= 0					mm		50:1									
	= 0			ANGULAR TOL ± °		SJAZRAWI		2016/08/16									
	= 0			4 PLACES ±		CHK'D BY		DATE									
	= 0			3 PLACES ± 0.015		APPR BY		DATE		DESIGN STANDARD HEADER PIN & BLADE TIP GEOMETRY FOR MATING TO HARNESS TERMINALS							
	= 0			2 PLACES ± 0.05		YLEPOTTIER		2016/09/27									
	= 0			1 PLACE ± 0.1		DRAWING SIZE		THIRD ANGLE PROJECTION						PRODUCT CUSTOMER DRAWING SERIES: 34735 MATERIAL NUMBER: CUSTOMER:			
	= 0			0 PLACES ±		A1											
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PRODUCT CUSTOMER DRAWING SERIES: 34735 MATERIAL NUMBER: CUSTOMER:											
A19				REV	DOCUMENT NUMBER: 347350050 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 2												



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



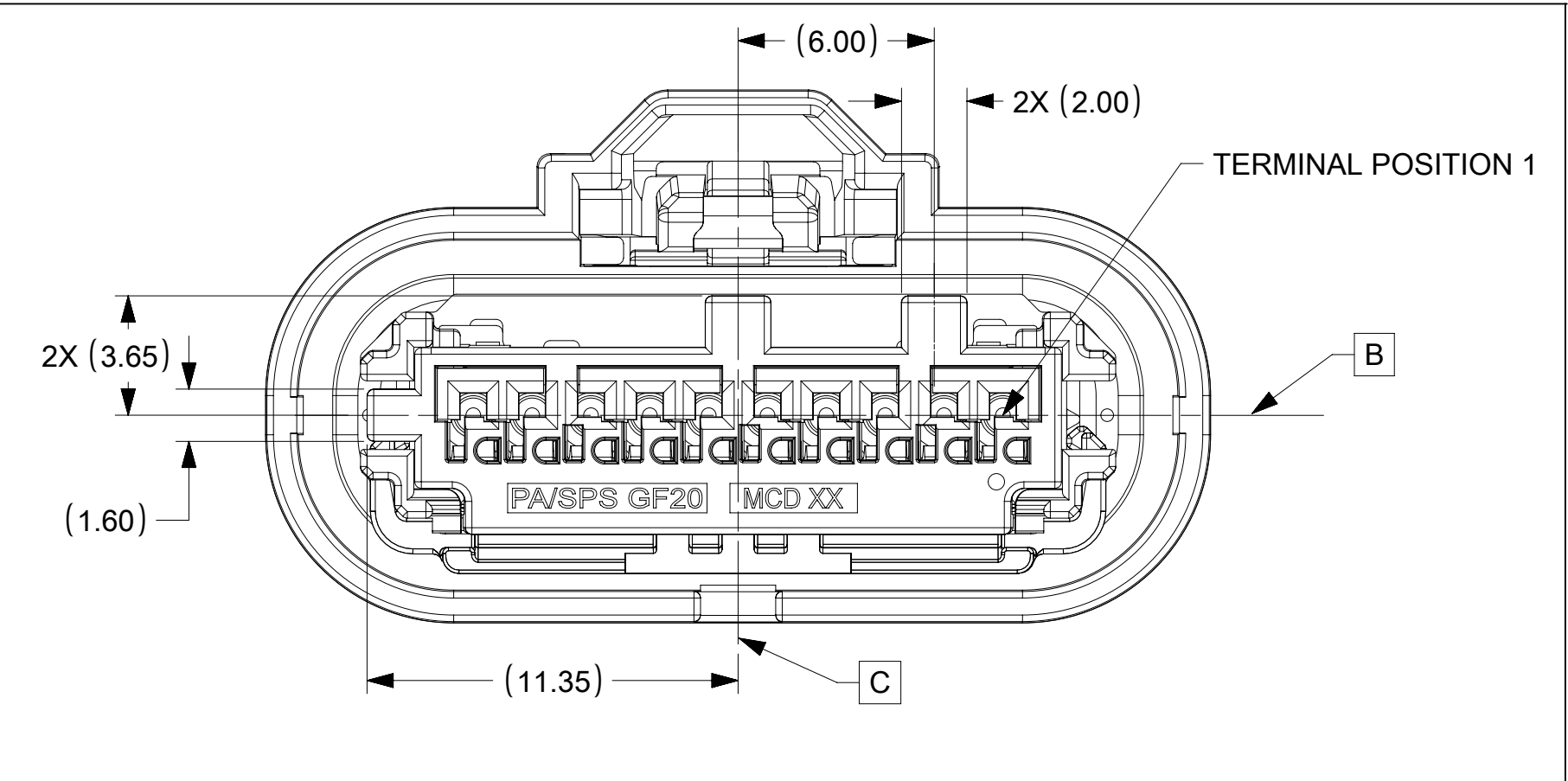
SCALE 100:1

TABLE 1		DRAWING DIMENSIONS																
Model NO.	Description	A	B	C	D	E	F	G	H	J	L	M	N	P	T	U	V	W
34735-0004	0.50mm BLADE	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	0.05	0.03	4.0 MIN	0.08
34735-0001	0.64mm BLADE - NORMAL THICKNESS	0.64	0.03	0.25	0.356	0.10	0.285	0.64	0.03	0.05	1	7	0.25	0.55	0.05	0.03	5.5 MIN	0.08
34735-0002	0.64mm BLADE - REDUCED THICKNESS	0.625	0.015	0.234	0.341	0.10	0.285	0.64	0.03	0.05	1	7	0.25	0.55	0.05	0.03	5.5 MIN	0.13
34735-0006	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	0.05	0.03	5.5 MIN	0.13
34735-0006	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	0.05	0.03	5.5 MIN	0.13
34735-0003	1.50mm BLADE	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	0.05	0.03	5.0 MIN	0.13
34735-0010	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	0.05	0.03	9.5 MIN	0.25
34735-0011	6.3mm BLADE - HEADER	0.80	0.025	0.20	0.345	0.10	0.314	6.0	0.25	0.20	1	4	3.90	1.10	0.05	0.03	10.5 MIN	0.13

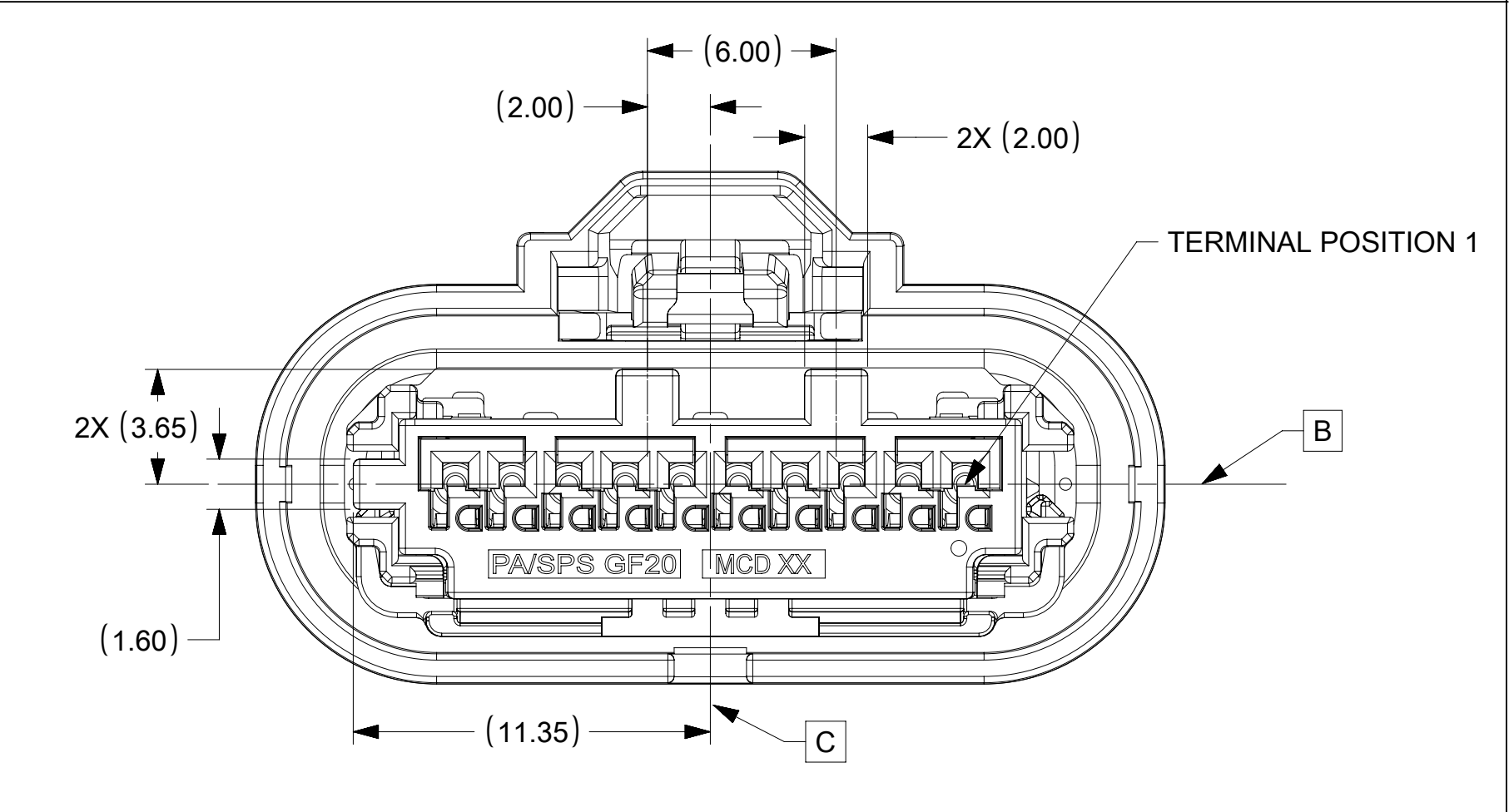
QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
	= 0	EC NO: 638183 DRWN: SJAZRAWI CHKD: YLEPOTTIER APPR: YLEPOTTIER REV: A19	2020/05/20 2020/05/23 2020/05/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE												
	= 0					mm		100:1												
	= 0					DRWN BY		DATE												
	= 0			ANGULAR TOL ± °		SJAZRAWI		2016/08/16												
	= 0					CHK'D BY		DATE												
	= 0			4 PLACES	±	APPR BY		DATE												
	= 0			3 PLACES	±															
	= 0			2 PLACES	±	YLEPOTTIER	2016/09/27			SERIES	MATERIAL NUMBER		CUSTOMER							
	= 0			1 PLACE	±															
	= 0			0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE				34735								
	= 0																			
RELEASE STATUS		P1	RELEASE DATE		2020/05/23		03:21:07													
18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1			

SHEET DESCRIPTION

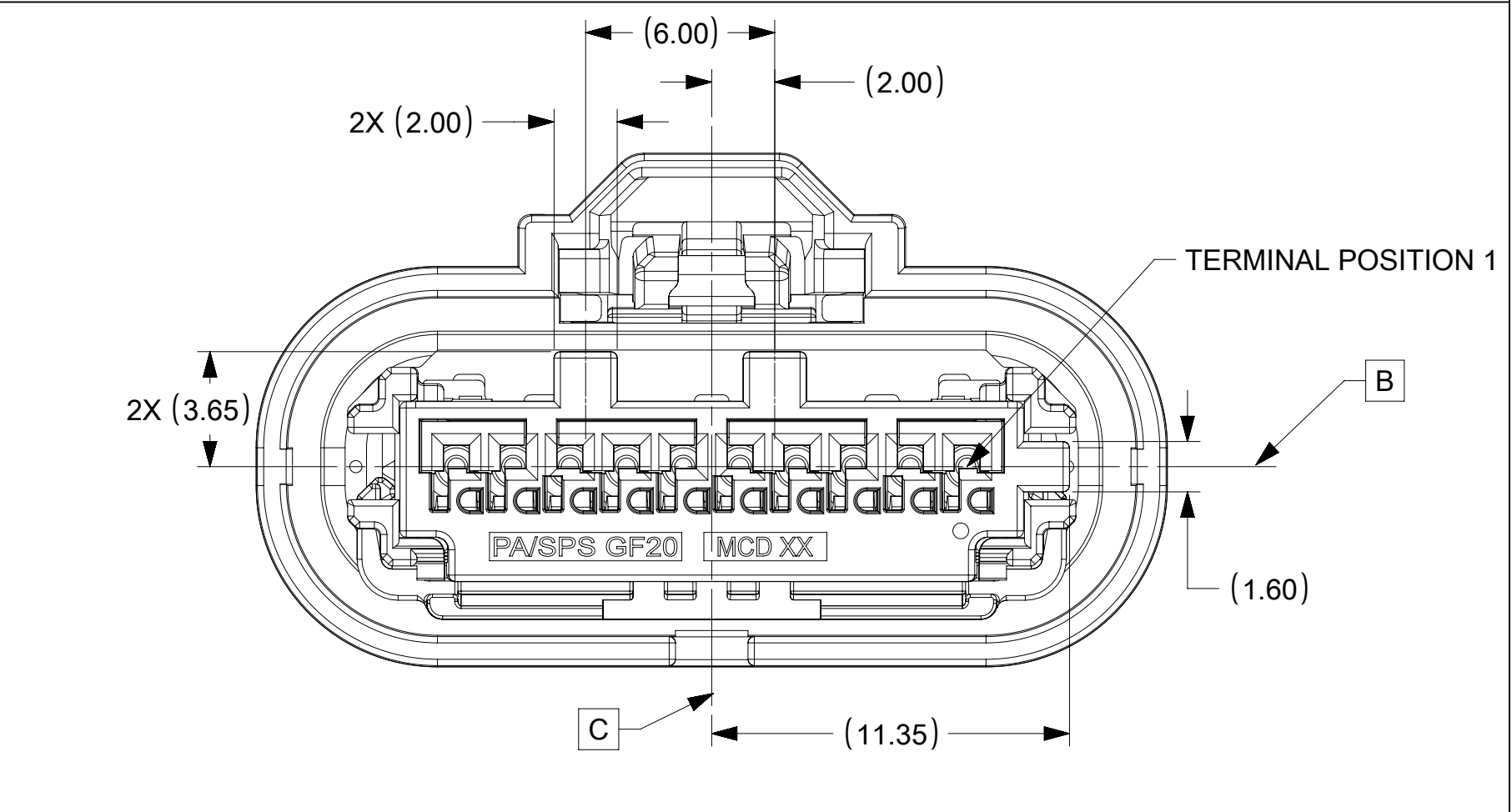
KEY CONFIGURATIONS



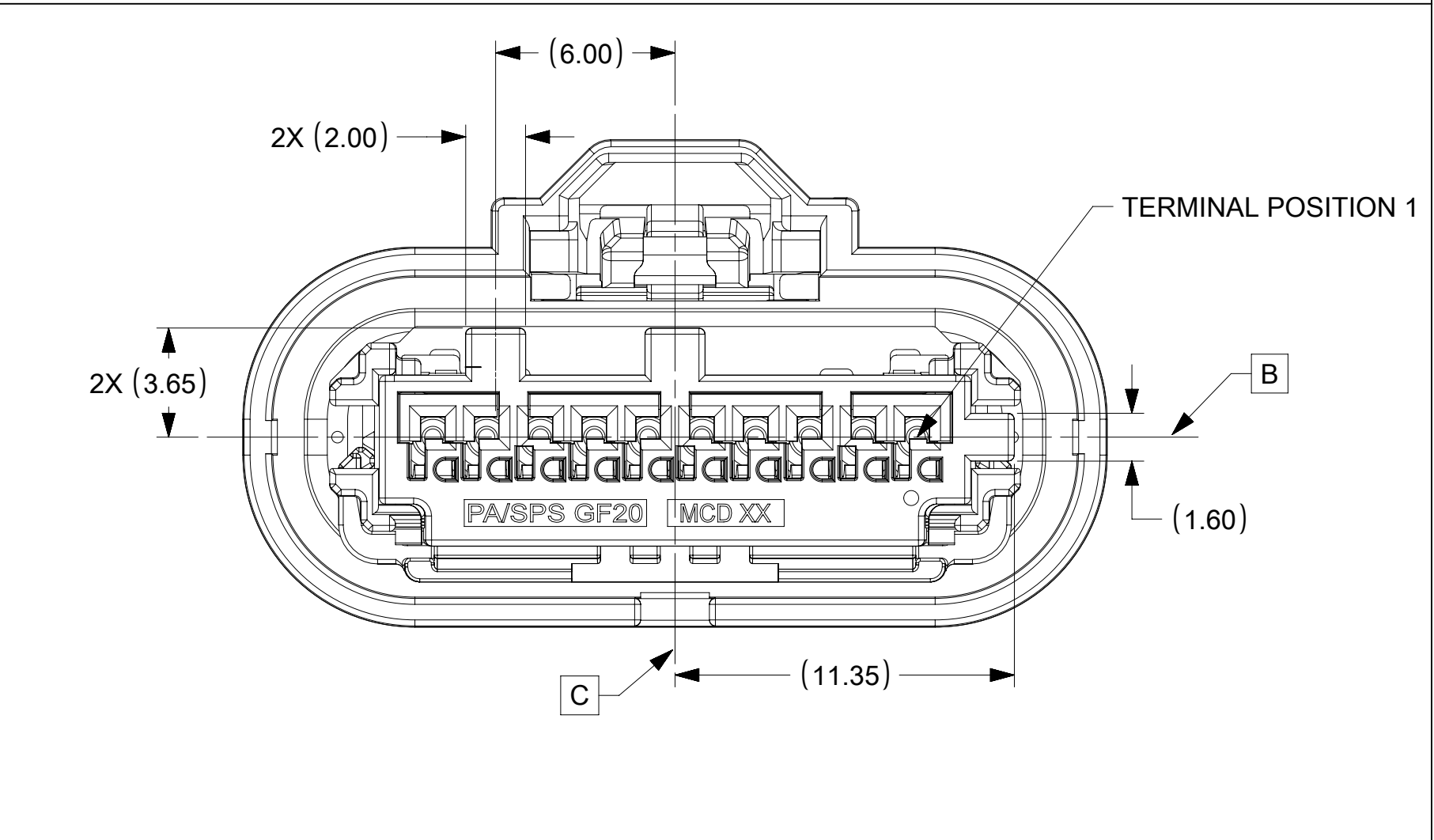
KEY A



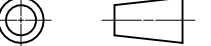
KEY B



KEY C

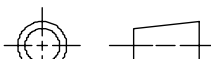


KEY D

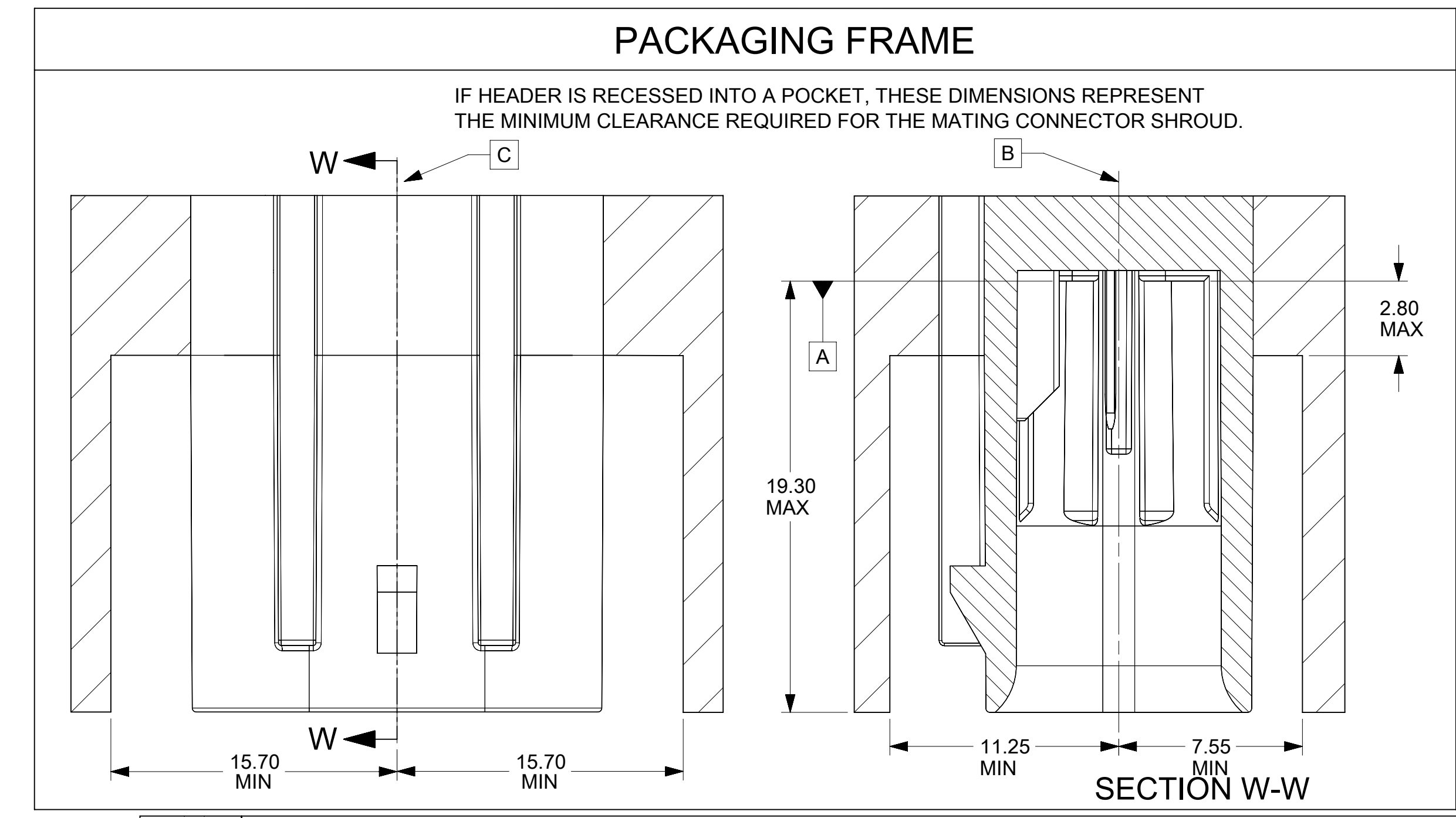
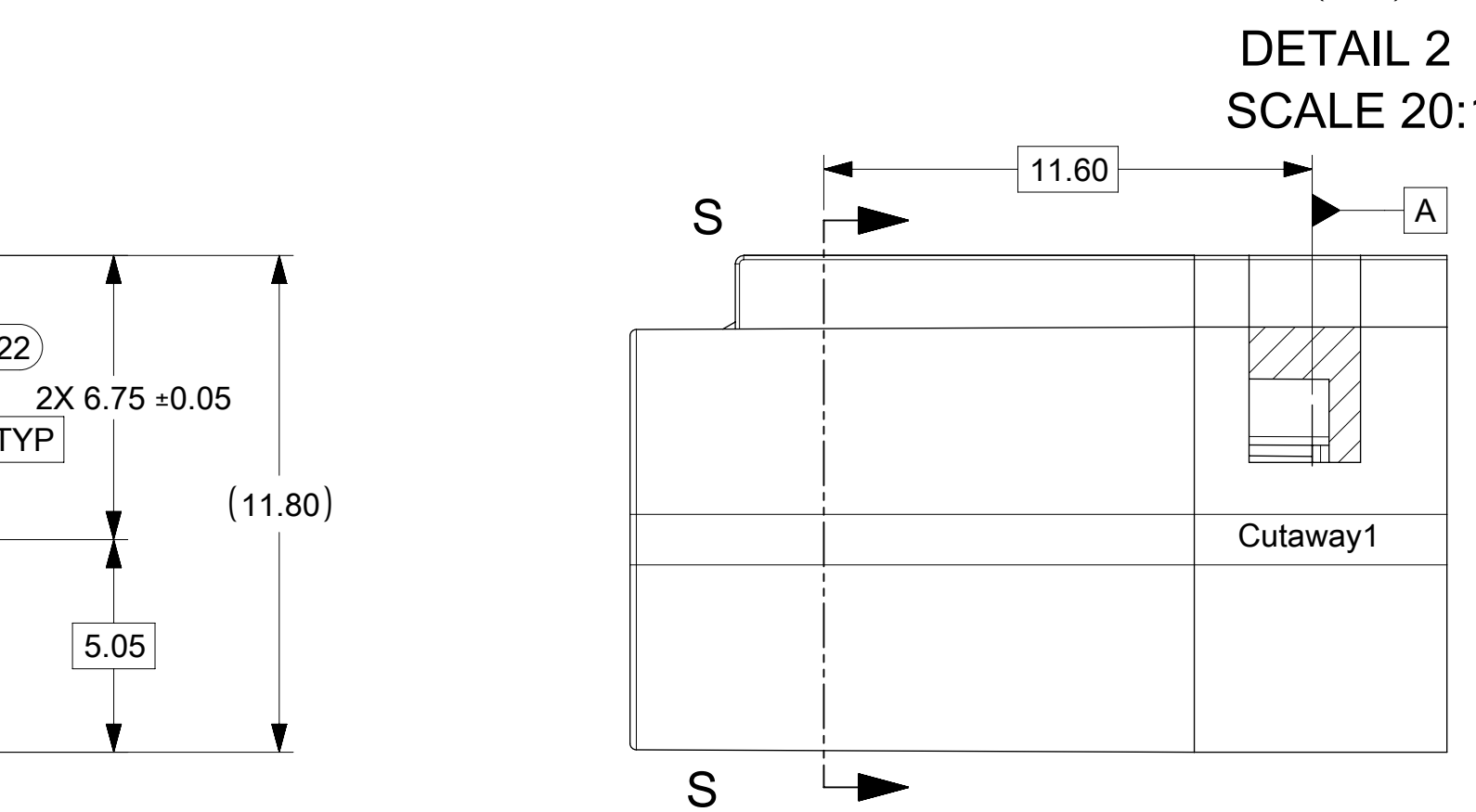
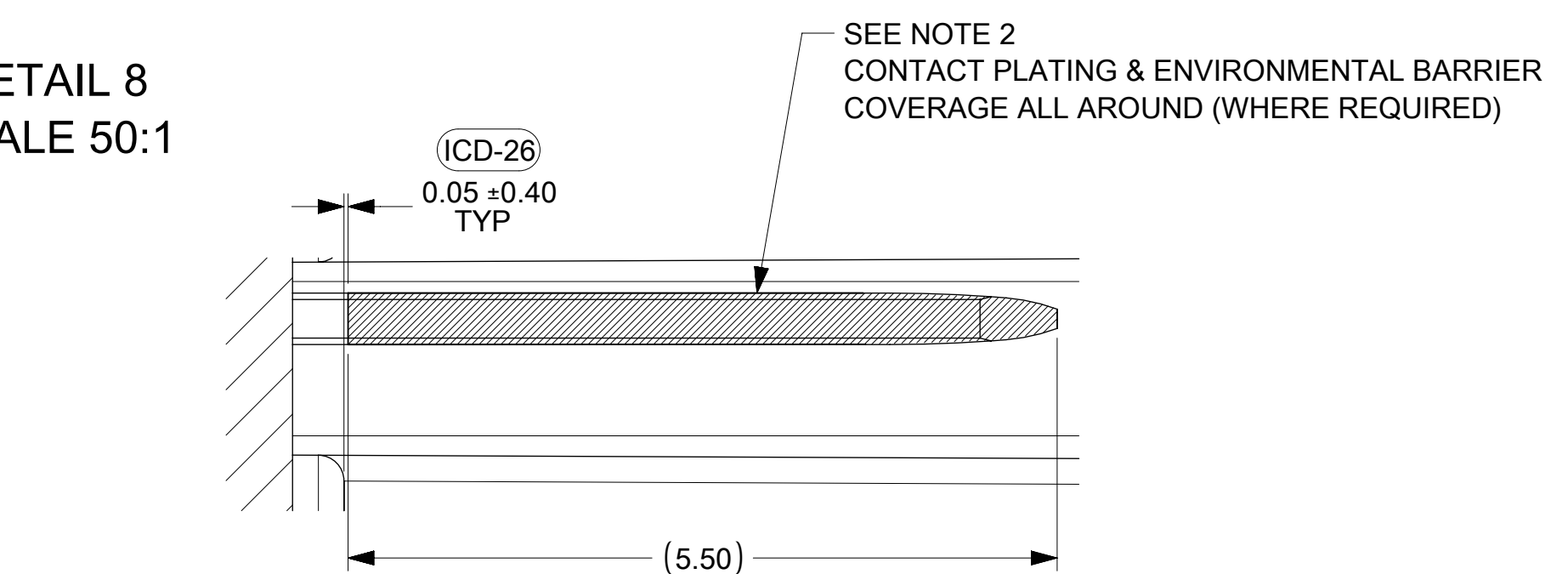
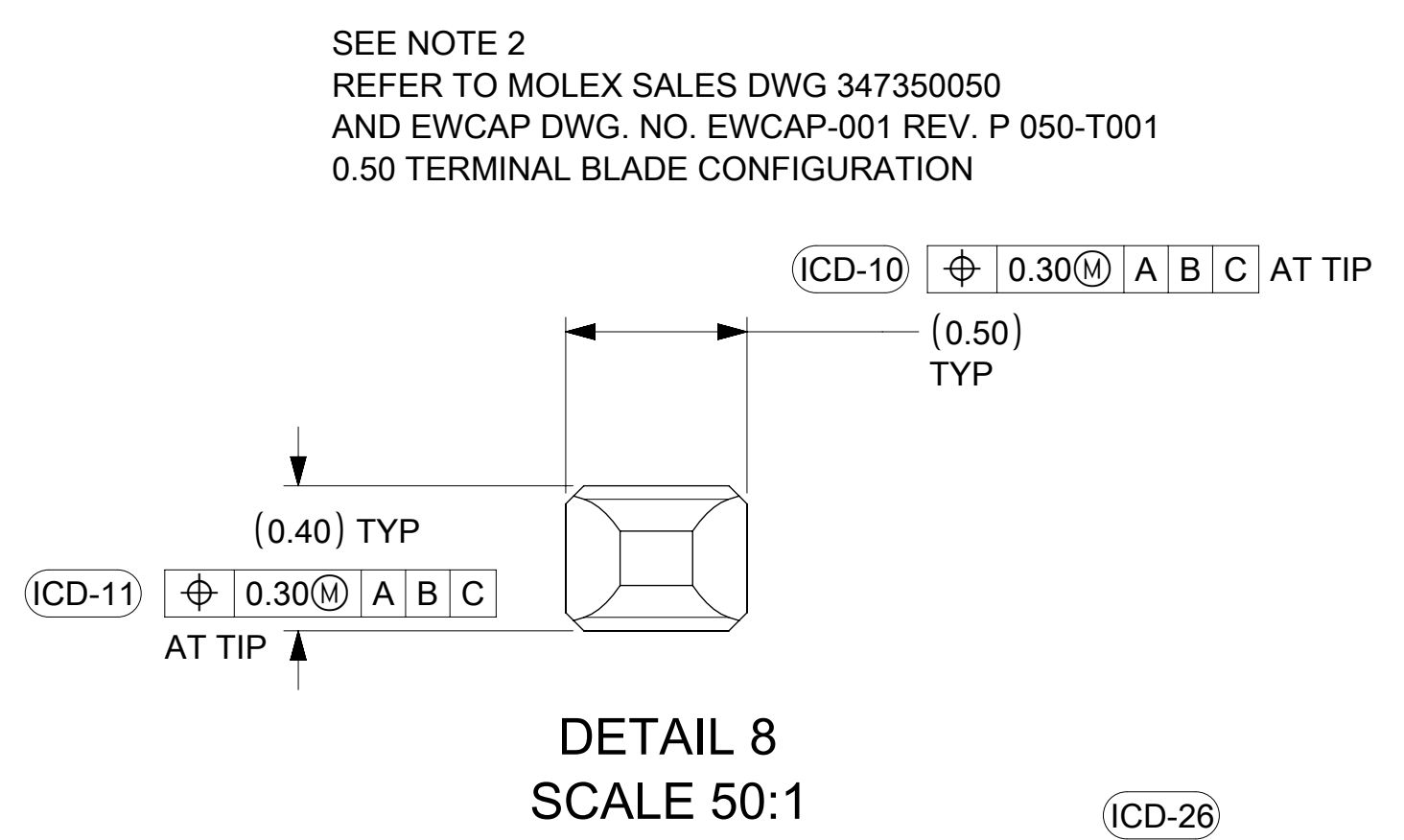
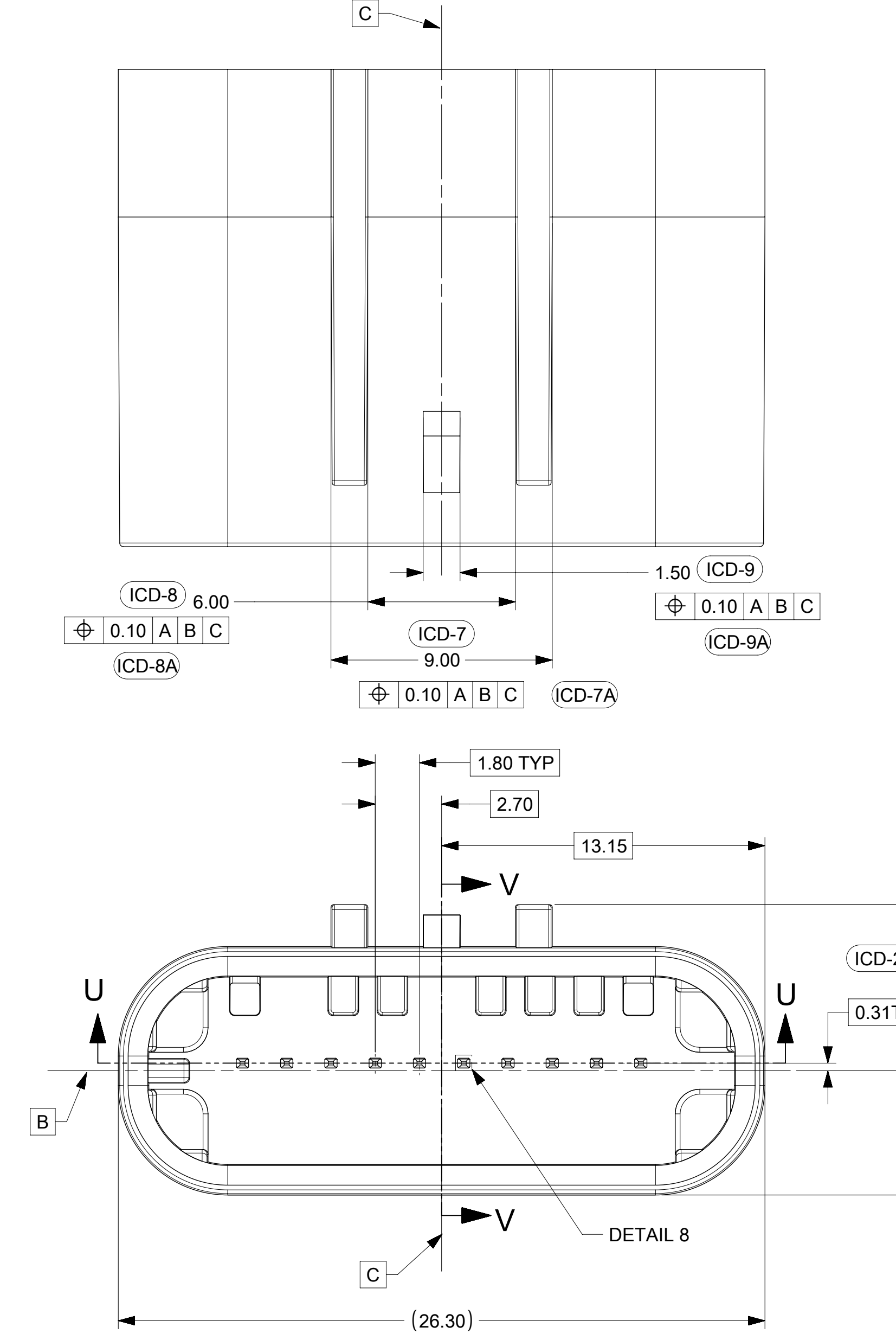
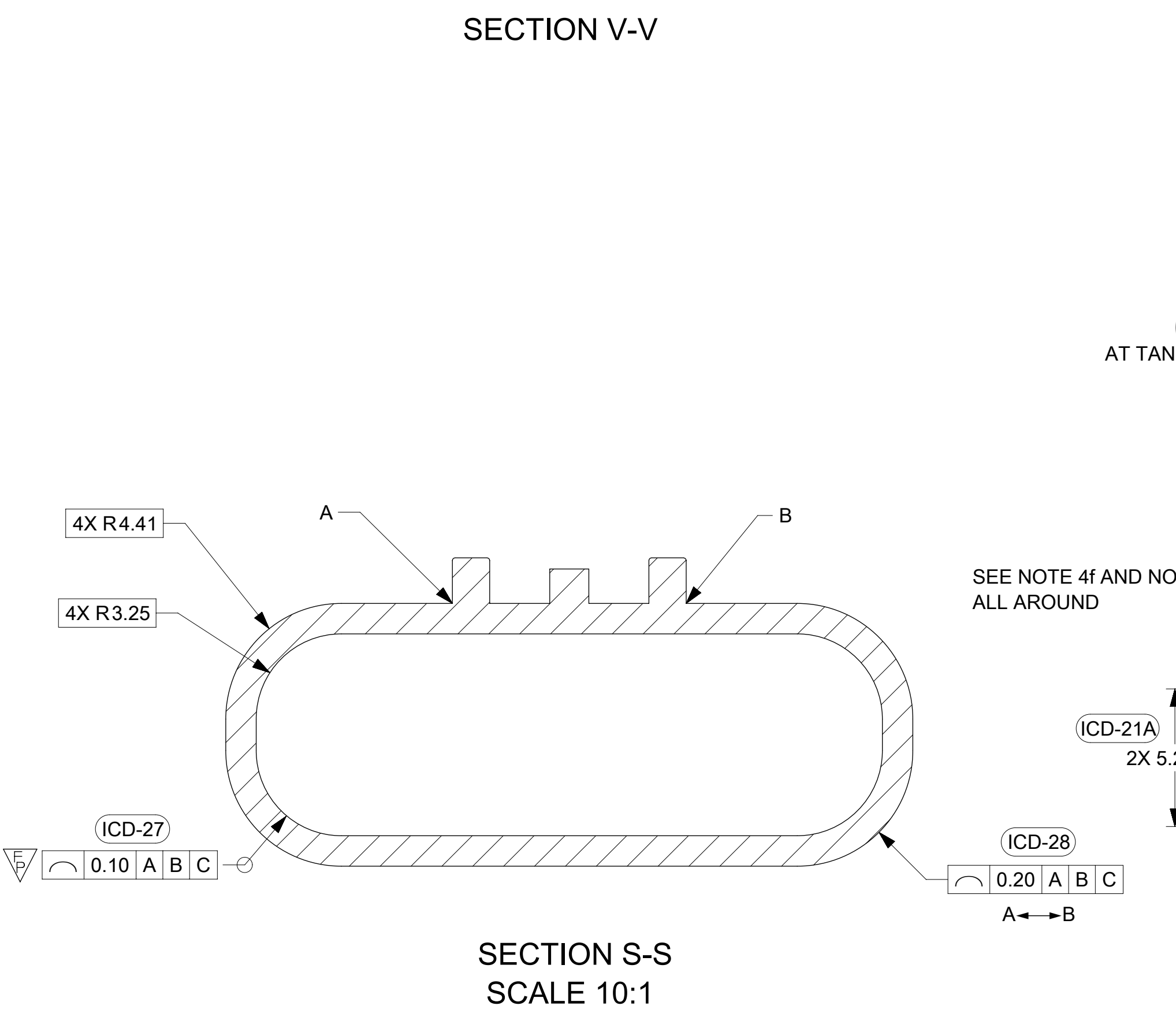
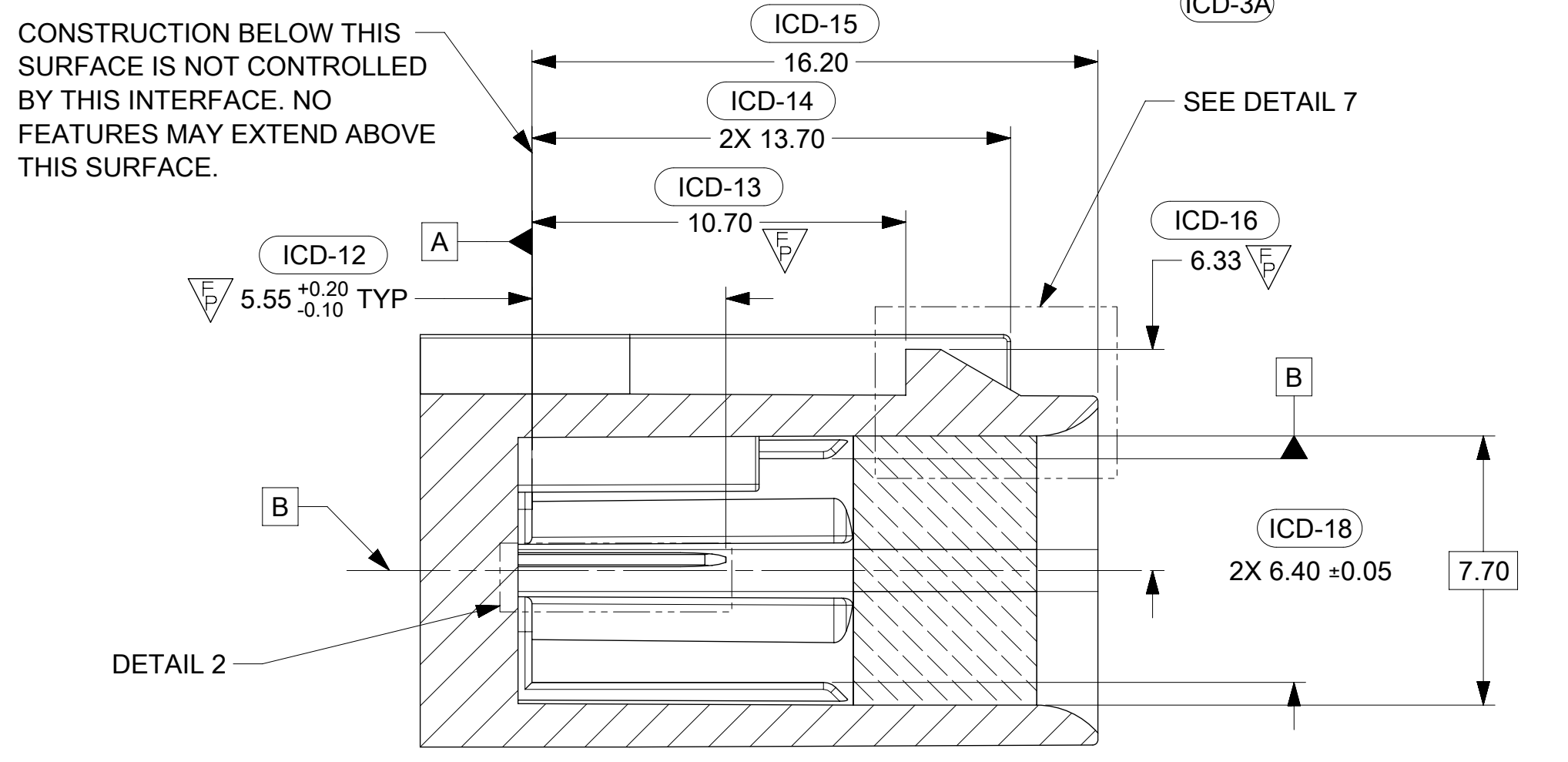
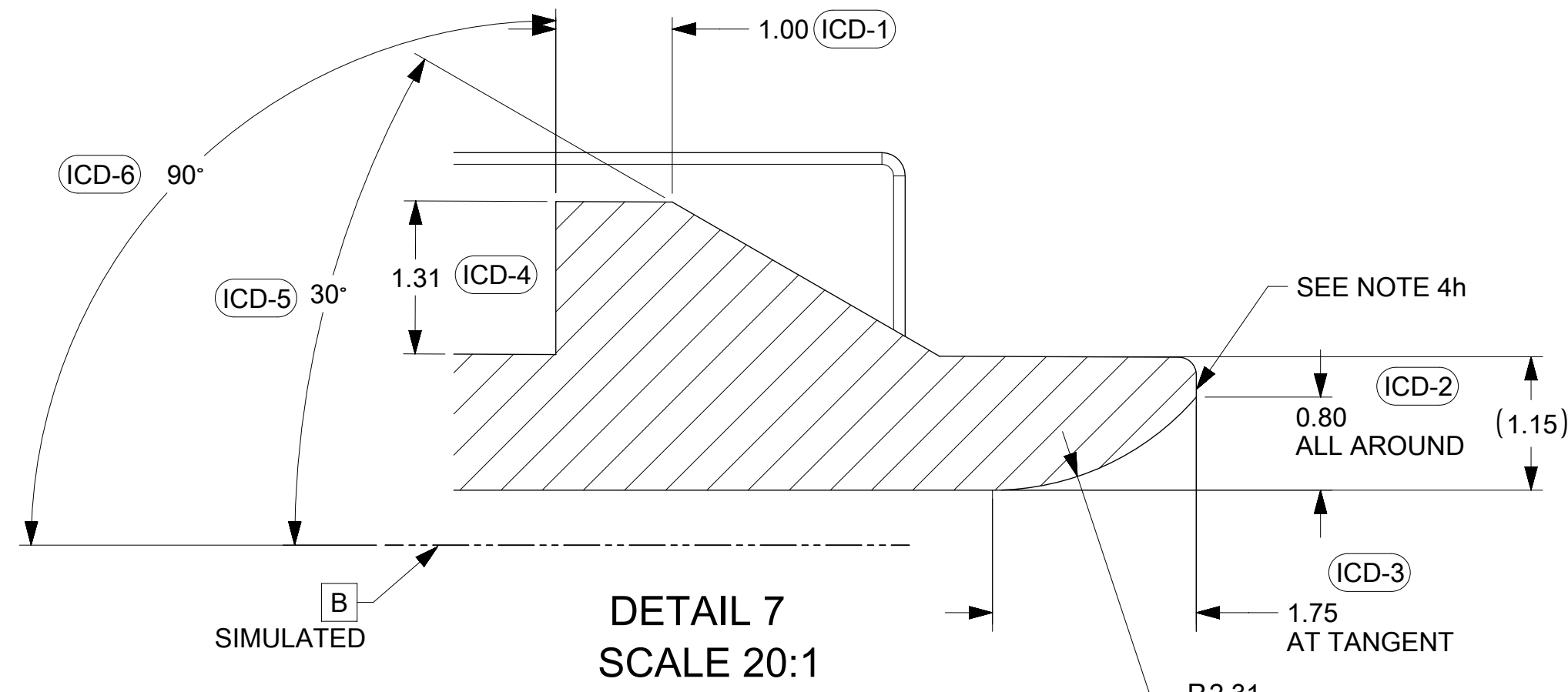
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CHANGED BASIC DIMS TO REF DIMS												
	mm		1:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 0.3 °				EC NO: 657824 DRWN: MLI149 CHK'D: JCONDON APPR: JCONDON												
	4 PLACES ±																
	3 PLACES ±																
	2 PLACES ± 0.1																
	DIVISIONAL SYMBOLS	1 PLACE ± 0.2				INITIAL REVISION: DRWN: MNS02 APPR: KDEKOSKI											
		0 PLACES ±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																	
THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
		A1-SIZE		34967		349671000		PSD		000		G1					
MATERIAL NUMBER						CUSTOMER						SHEET NUMBER					
												2 OF 3					

KEY CONFIGURATIONS



QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
 = 0	EC NO: 659036 DRWN: ML149 CHK'D: JCONDON APPR: JCONDON	2021/03/26 2021/03/24	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS mm		SCALE 1:1											
 = 0			ANGULAR TOL ± 3.0 °		DRWN BY MNS02		DATE 2016/04/21											
 = 0			4 PLACES ±		CHK'D BY		DATE											
 = 0			3 PLACES ±		APPR BY		DATE		MINI50 SEALED 1X10 INTERFACE									
 = 0			2 PLACES ± 0.1		KDEKOSKI		2016/05/04											
 = 0			1 PLACE ± 0.2		DRAWING SIZE A1		THIRD ANGLE PROJECTION 											
 = 0			0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						PRODUCT CUSTOMER DRAWING							
 = 0			D1	REV							SERIES 34968		MATERIAL NUMBER SEE CHART		CUSTOMER			
										DOCUMENT NUMBER 349681800		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 2 OF 4		

SHEET DESCRIPTION
CONNECTOR INTERFACE DEFINITION



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®	
				mm		1:1			
= 0		ANGULAR TOL ± 3.0 °		DRWN BY		DATE		MINI50 SEALED 1X10 INTERFACE	
= 0				MNS02		2016/04/21			
= 0		4 PLACES ±		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING	
= 0									
= 0		3 PLACES ±		APPR BY		DATE			
= 0									
= 0		2 PLACES ± 0.1		KDEKOSKI		2016/05/04			
= 0									
= 0		1 PLACE ± 0.2		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	
= 0				A1				34968	
= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						MATERIAL NUMBER	
= 0								SEE CHART	
= 0								CUSTOMER	
= 0								DOCUMENT NUMBER	
								349681800	
								DOC TYPE	
								PSD	
								DOC PART	
								000	
								SHEET NUMBER	
								3 OF 4	

