

REVISIONS					
#	LYR	DESCRIPTION	DATE	DWN	APVD
F34		REVISED PER ECO-17-007768	30MAY2017	DLD	DCM
F35		REVISED PER ECO-17-014872	24OCT2017	JMS	CM
F36		REVISED PER ECO-18-005691	16APR2018	JMS	CM
F37		ECO-18-013134	13SEP2018	KP	CM

- 1

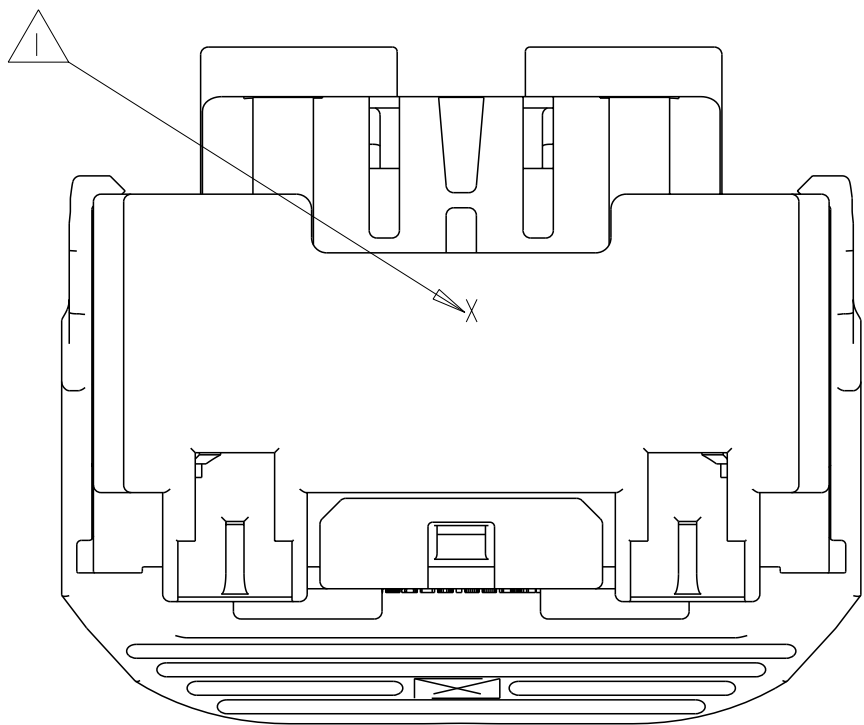
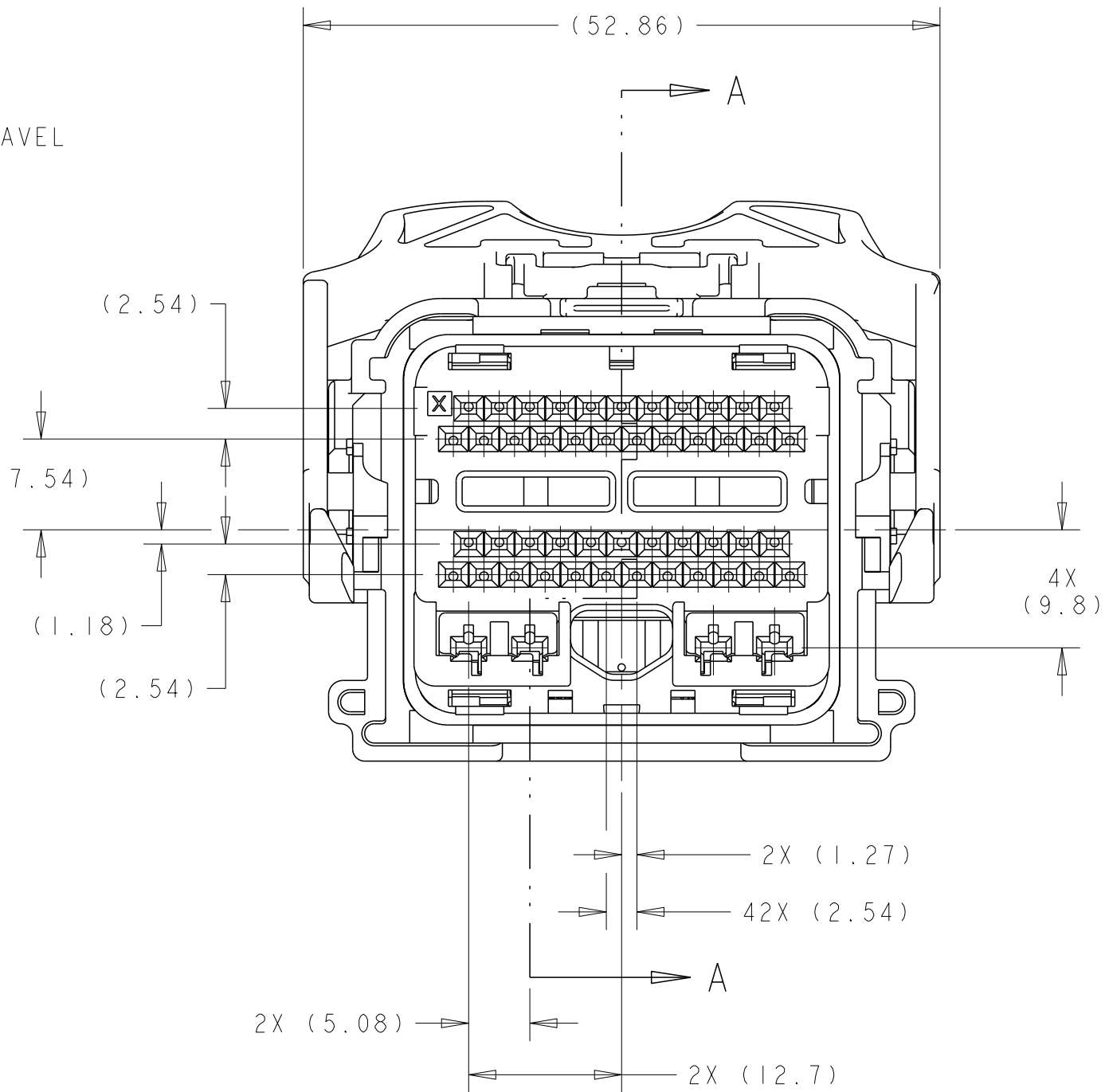
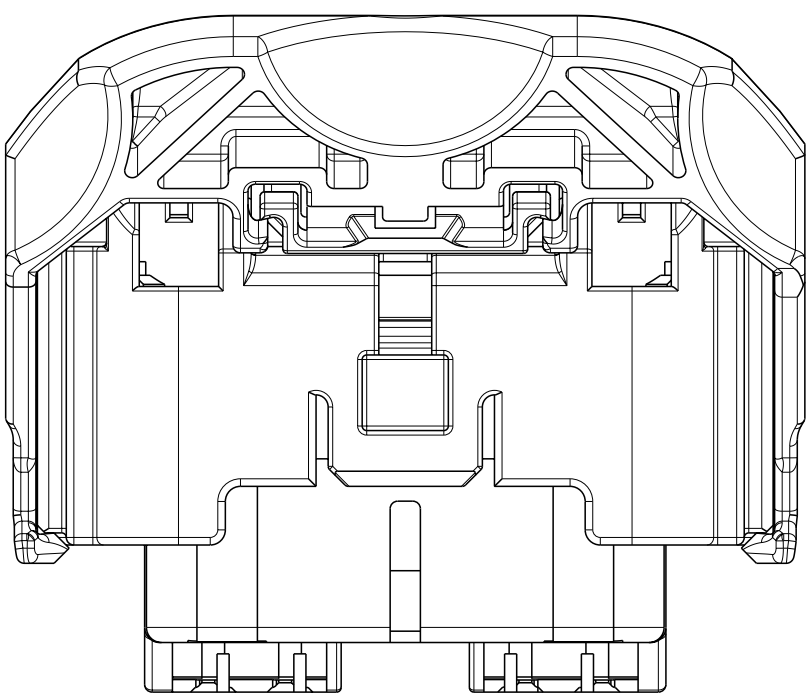
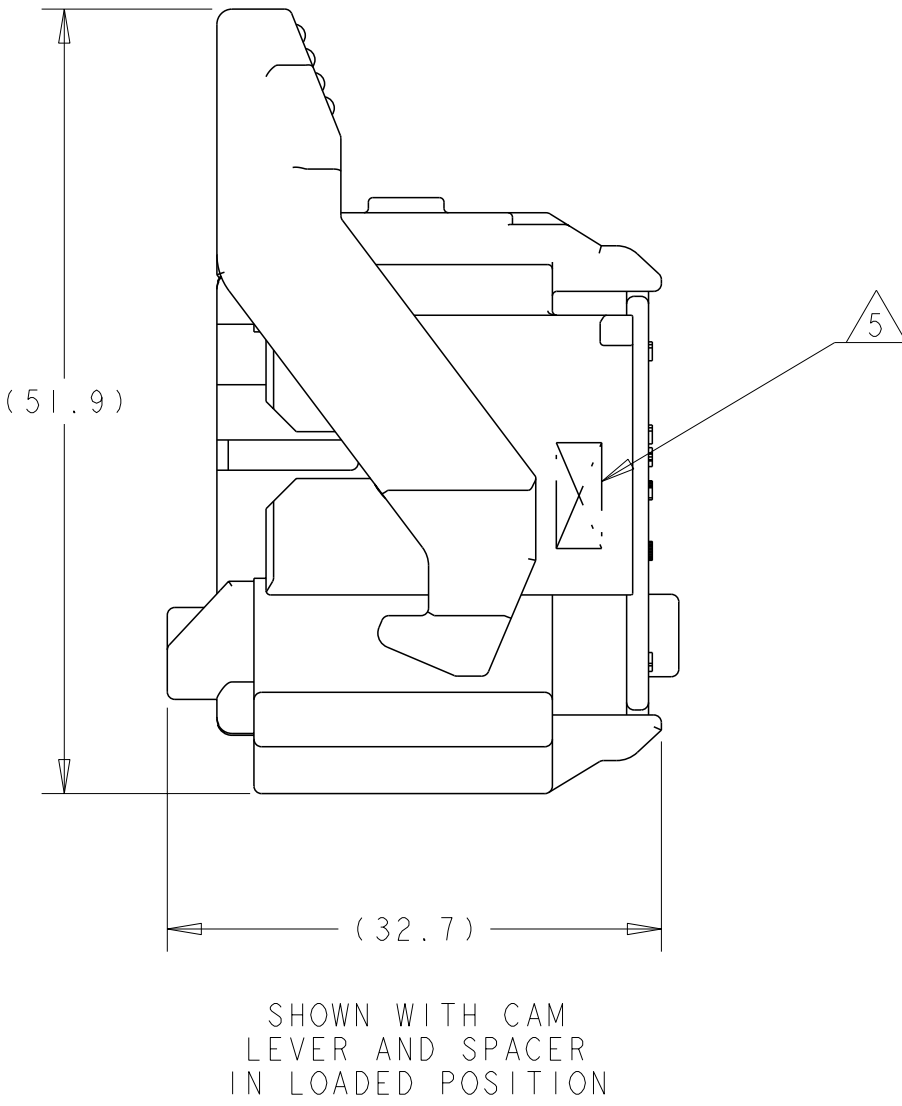
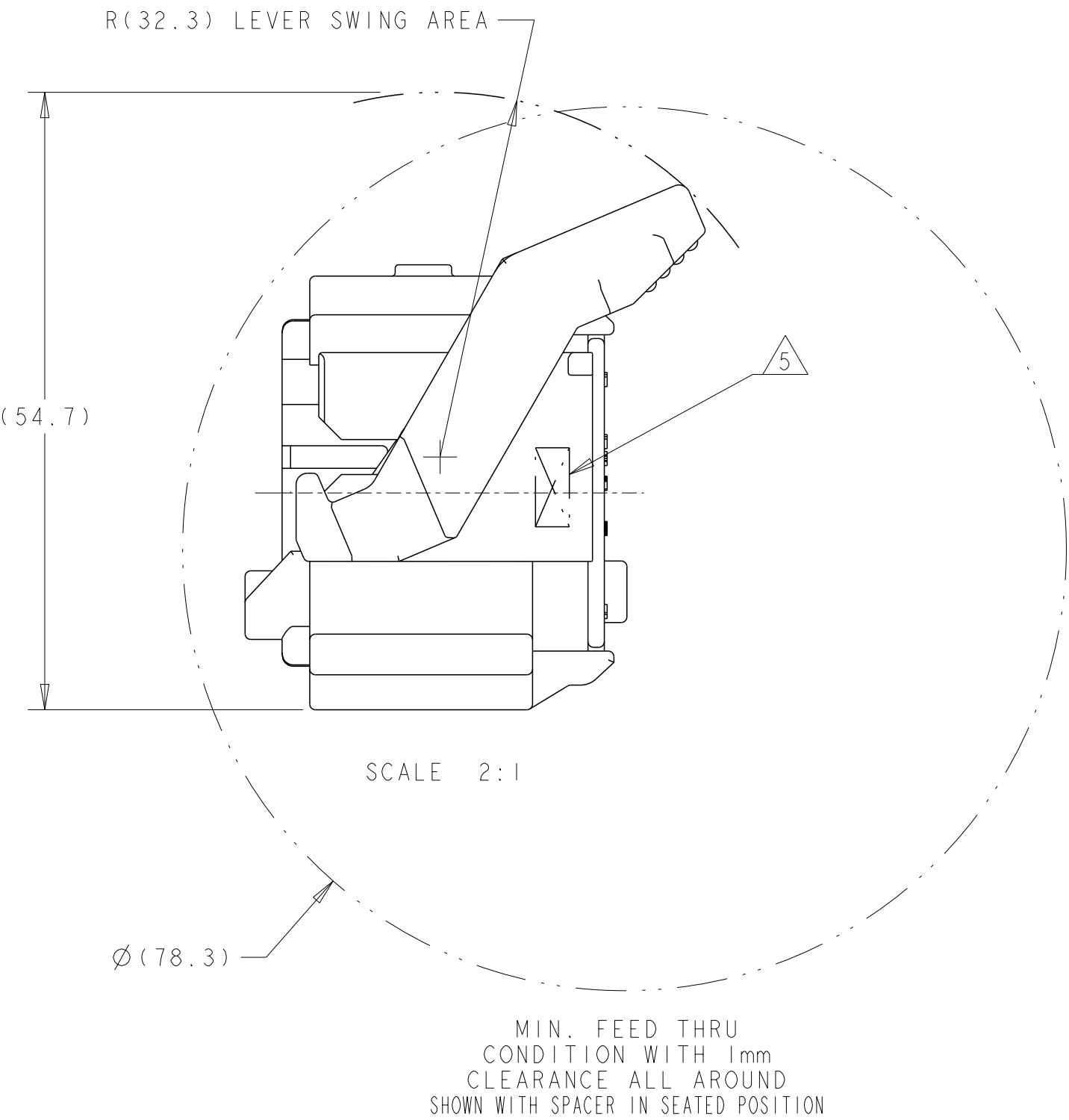
PRINT PART NUMBER (5S4T-14A464-L*-***, 5S4T-14A464-M*-***, 5S4T-14A464-N*-***) AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE IN THE LOCATION AT ASSEMBLY. SEE SHEET 3 THRU 7 (-*) PART NUMBERS.
2.

APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS:
33012-0002 TIN 0.50-1.50mm²
3.

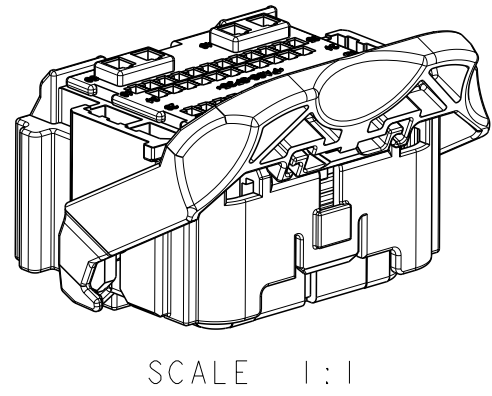
CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
4.

REFERENCE TE CONNECTIVITY INSTRUCTION SHEET 408-8893.
- 5

COMPANY LOGO.



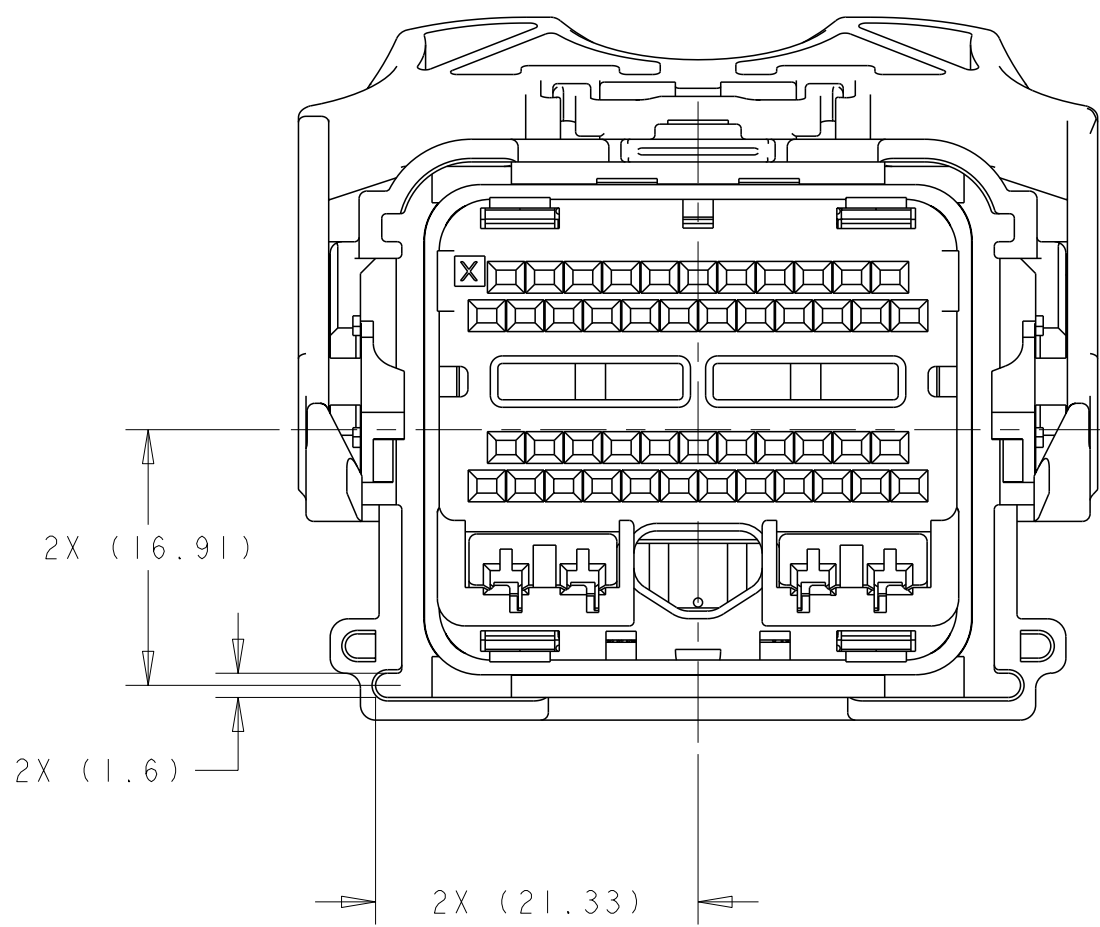
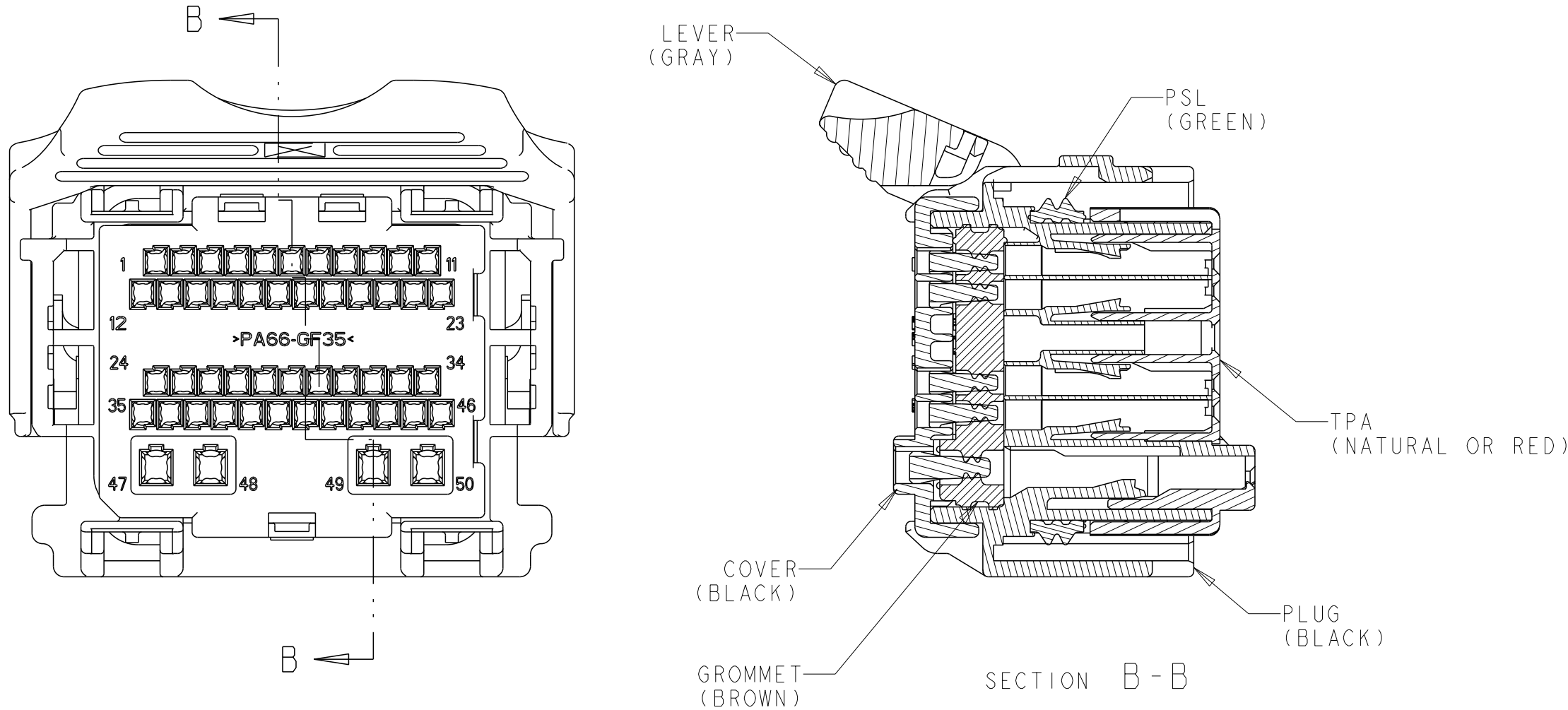
APPLICABLE COMPONENTS (FOR REFERENCE ONLY)						
DESCRIPTION	NOMINAL TERMINAL SIZE	COLOR/ PLATING	FORD COMPONENT PART NUMBER	SUPPLIER PART NUMBER	MATERIAL/SPECIFICATION NUMBER	SAE WIRE SIZE
TERMINAL - FEMALE (Ag)	0.64 (CAT. 0)	SILVER	7S4T-14474-AA	I393366-2	COPPER ALLOY/SILVER PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Ag)	0.64 (CAT. 0)	SILVER	7S4T-14474-BA	I393367-2	COPPER ALLOY/SILVER PLATE	22AWG
TERMINAL - FEMALE (Sn)	0.64 (CAT. 0)	TIN	1L2T-14474-AA	I393366-1	COPPER ALLOY/TIN PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Sn)	0.64 (CAT. 0)	TIN	1L2T-14474-BA	I393367-1	COPPER ALLOY/TIN PLATE	22AWG
TERMINAL - FEMALE (Au)	0.64 (CAT. 0)	GOLD	1L2T-14474-CA	I393365-1	COPPER ALLOY/GOLD PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Au)	0.64 (CAT. 0)	GOLD	1L2T-14474-DA	I393364-1	COPPER ALLOY/GOLD PLATE	22AWG



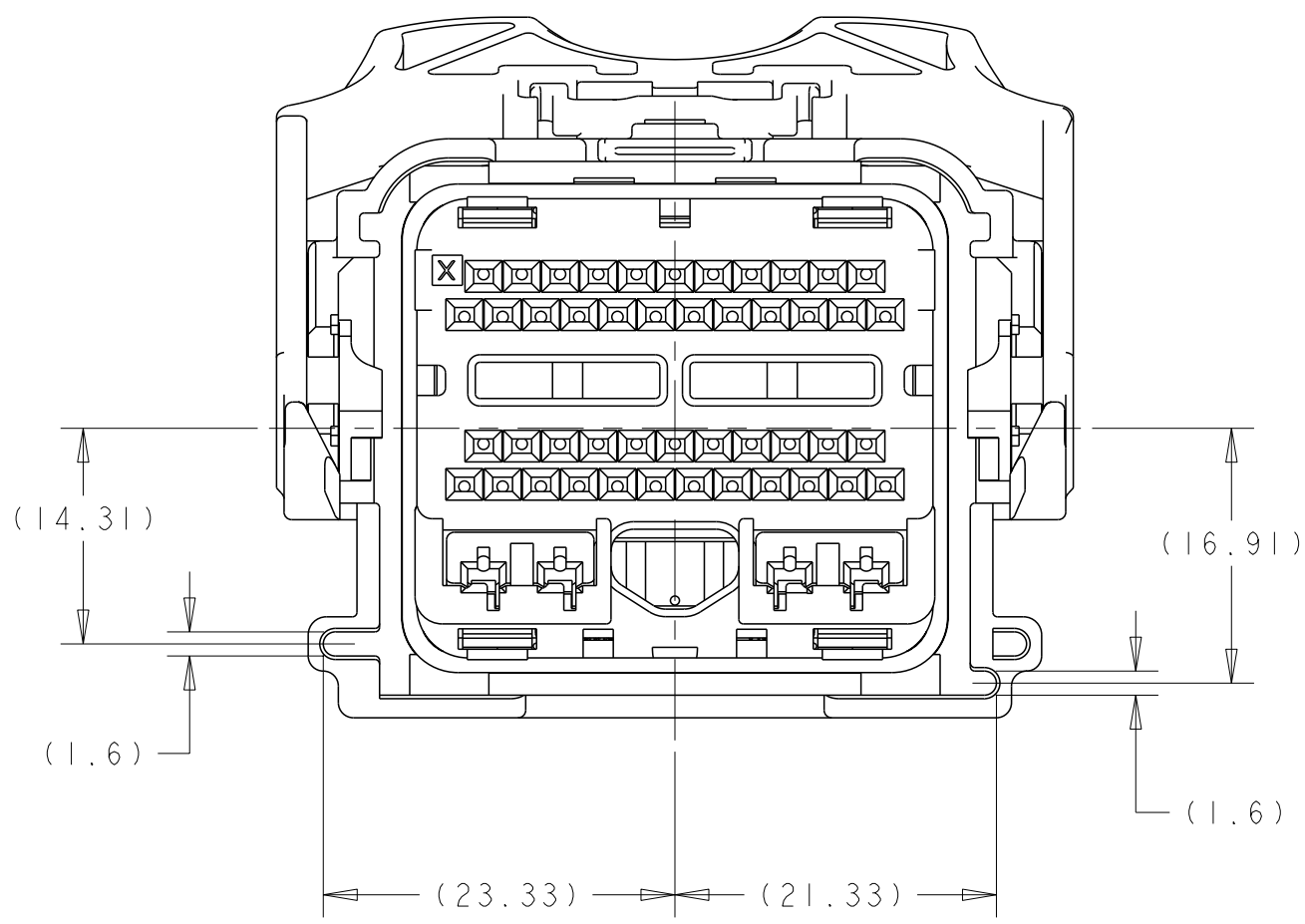
ANY DESIGN CHANGES ON THIS ASSEMBLY MAY
ALSO BE REQUIRED ON ASSEMBLY DRAWING 1438691

THIS DRAWING IS A CONTROLLED DOCUMENT.			SEE TABLES SHEETS 3 THRU 7 PART NUMBER		
DWN R. VESTAL 15APR2005 CHK T. VALASEK 15APR2005 APVD T. VALASEK 15APR2005			TE Connectivity		
DIMENSIONS: mm 0 PLC ±.3 1 PLC ±0.10 2 PLC ±.10 3 PLC ±.10 4 PLC ±.10 ANGLES ±1°			NAME 50-WAY HARNESS ASSEMBLY, PCM		
MATERIAL -			SIZE A100779C=1438129		
CUSTOMER DRAWING			RESTRICTED TO -		
SCALE 1:1			SHEET 1 OF 10		

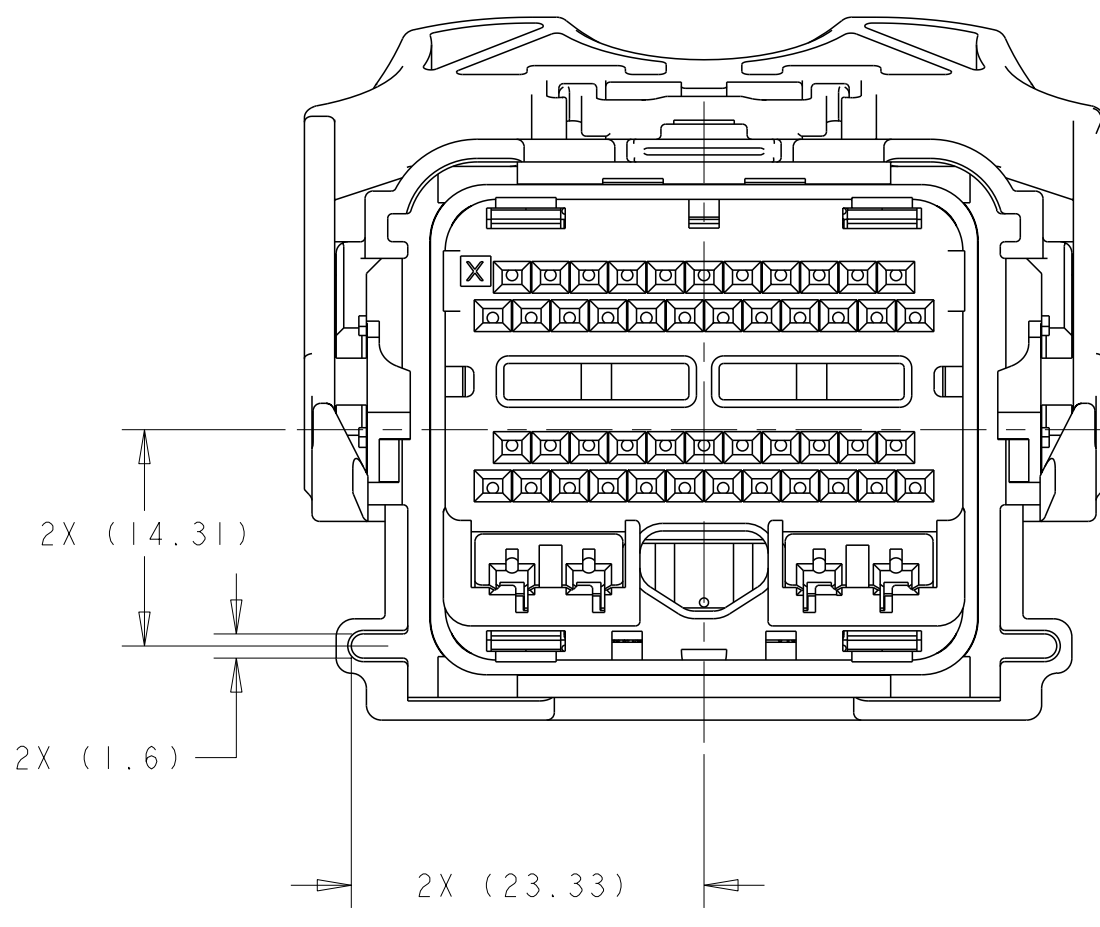
REVISIONS					
P	LYR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



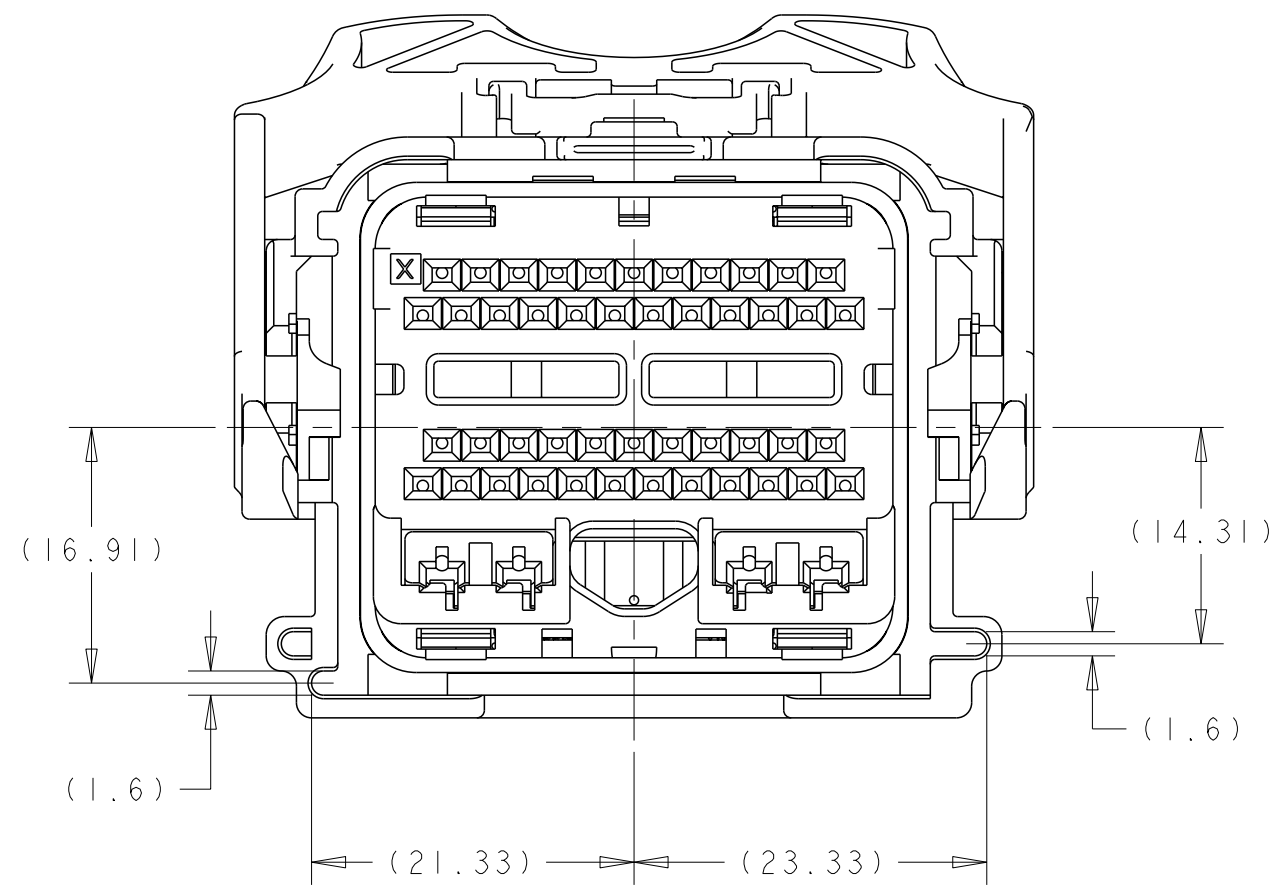
1438129-1
KEYING OPTION "A"



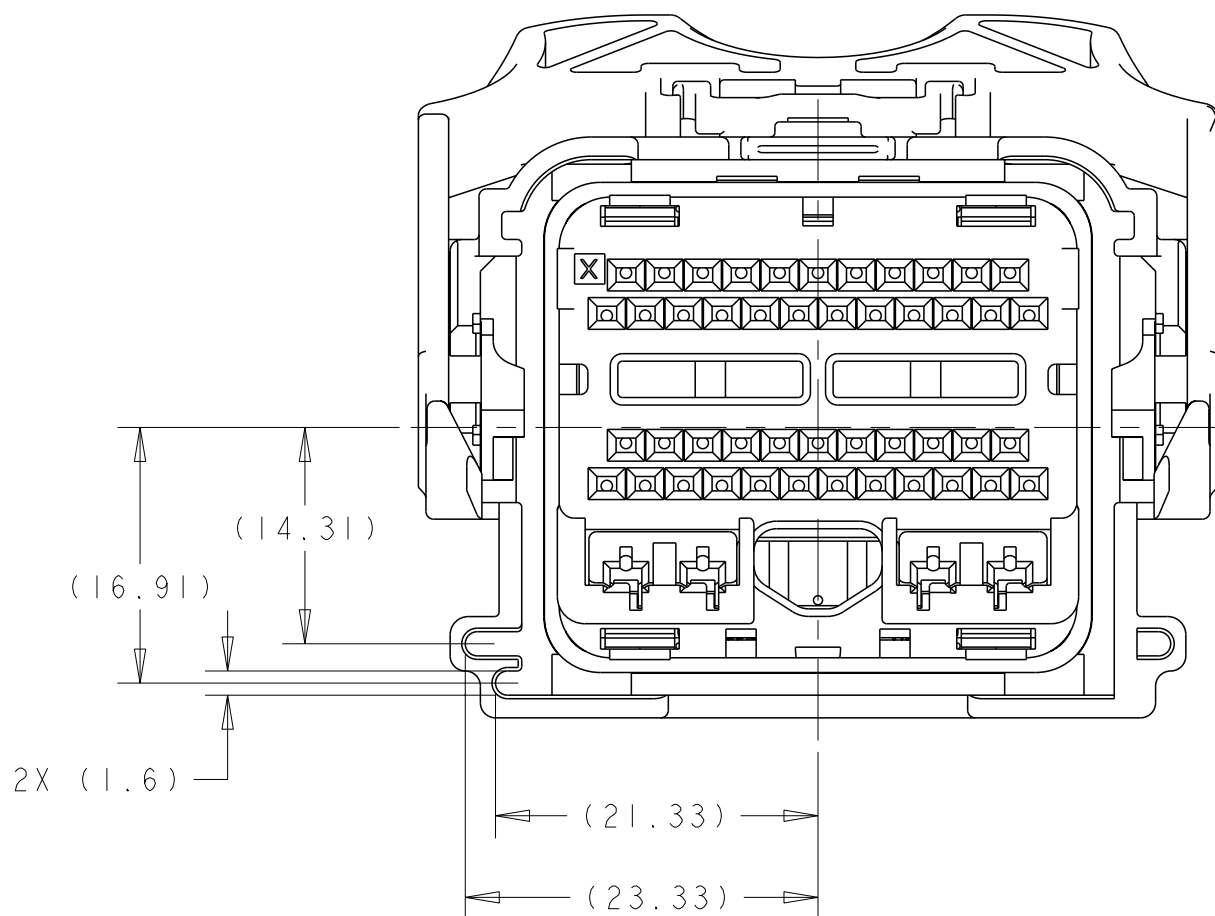
1438129-2
KEYING OPTION "B"



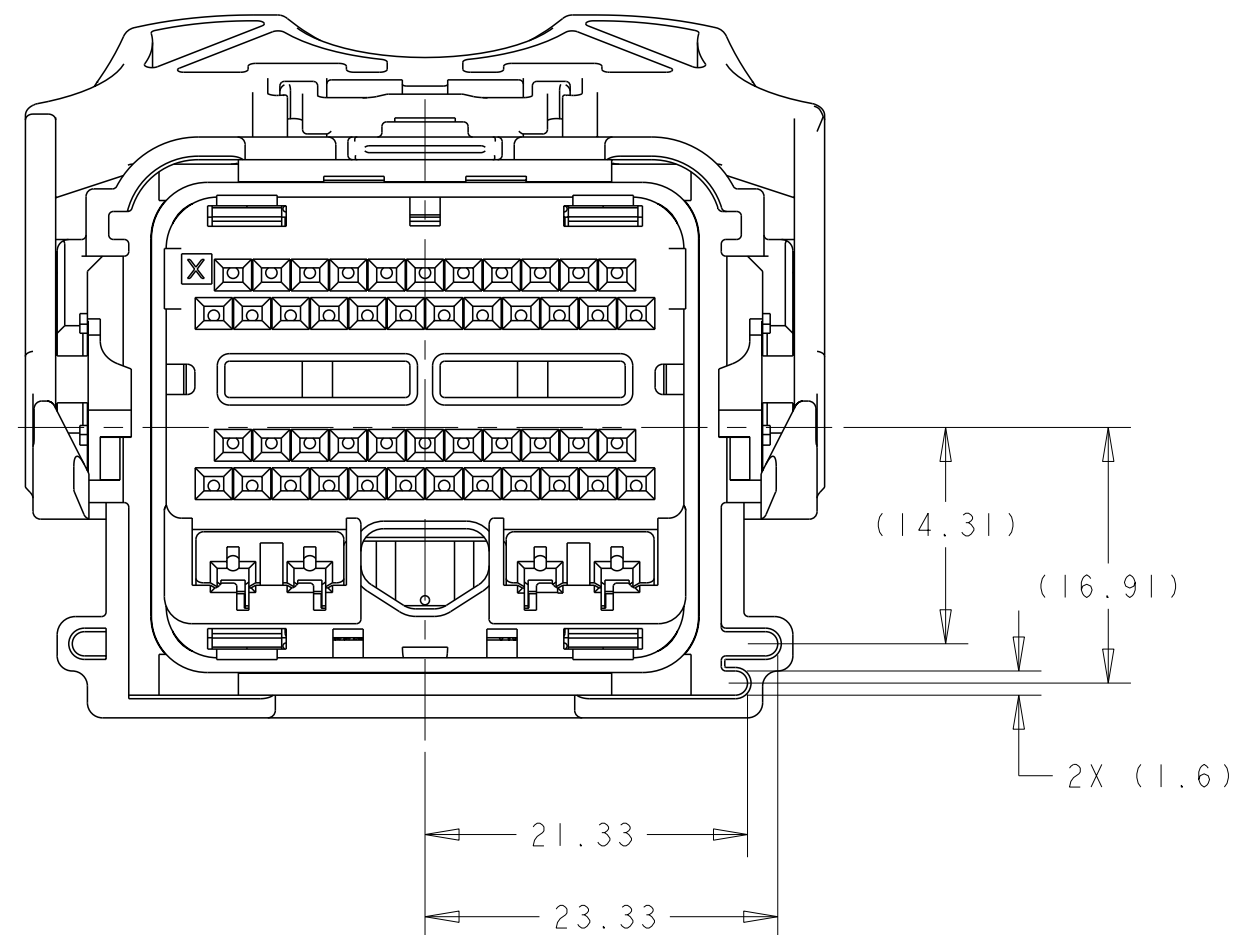
1438129-3
KEYING OPTION "C"



1438129-4
KEYING OPTION "D"



1438129-5
KEYING OPTION "E"



1438129-6
KEYING OPTION "F"

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. VESTAL	15APR2005	TE Connectivity	NAME 50-WAY HARNESS ASSEMBLY, PCM
DIMENSIONS:		CHK T. VALASEK	15APR2005		
mm		APVD T. VALASEK	15APR2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
0 PLC ±		APPLICATION SPEC		SIZE	CAGE CODE
1 PLC ±0.3				A1	00779
2 PLC ±0.10				SCALE	2:1
3 PLC ±				SHEET	2
4 PLC ±				OF	10
ANGLES ±°				REV	37
FINISH		WEIGHT		RESTRICTED TO	
MATERIAL		CUSTOMER DRAWING			

[illegible]

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4805 (3/13)

REVISIONS				
#	LYR	DESCRIPTION	DATE	DWN
-	-	SEE SHEET 1	-	-

KEYING OPTION C

CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS

BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS

TERMINAL HOLE POSITION

50	49	48	47	46	45	44	43	42	41		39	38	37	36	35		33	32	31	30		28			25	24	23	22	21	20	19			15	14	13	12	11		9	8	7	6	5	4	3		1	5-1438950-8	5S4T-14A464-NA-065			
	49	48	47	46				42			39	38		36				32	31			28	27	26	25	24		22	21				17			13	12			9		7	6	5		3	2	1	5-1438950-7	5S4T-14A464-NA-064			
	49			46				42			39		37		35	34						27						23	22					16	15			12	11			8	7	6	5		3	2	1	5-1438950-6	5S4T-14A464-NA-063		
50	49				45	44				40		38	37	36	35	34	33	32	31	30			26				23	22	21	20	19	18				14		12	11	10	9	8	7	6	5	4		2	1	4-1438950-6	5S4T-14A464-NA-062		
	49	48	47	46				42			39	38		36				32	31			28	27	26		24		22	21				17				13	12			9			6	5		3	2	1	4-1438950-5	5S4T-14A464-NA-061		
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50	49	48			45						40	39	38	37	36	35		33	32	31	30			26	25		23	22	21	20		18				14	13	12		10		8	7	6	5	4	3	2	1	4-1438950-1	5S4T-14A464-NA-059		
50	49	48	47	46	45	44	43	42	41		39	38	37	36	35			33	32	31	30		28				24	23	22	21	20	19			15	14	13	12	11		9	8		6	5	4	3		1	3-1438950-8	5S4T-14A464-NA-058		
	49	48	47	46				42			39	38		36				32	31			28	27	26		24		22	21				17				12			9		7	6	5		3	2	1	3-1438950-7	5S4T-14A464-NA-057			
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				46	45		43	42			39		37		35	34		32	31	30	29		27					22		20	19				16	15						6	5		3		1	3-1438950-3	5S4T-14A464-NA-055				
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50	49	48			45					40	39	38	37	36	35			33	32	31	30			26	25		23	22	21	20		18				14	13	12		10		8			5	4	3	2	1	1438950-7	5S4T-14A464-NA-046		
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				46	45	44	43	42		40		38	37	36	35	34			31	30		28	27	26				22	21	20		18	17	16		14				9	8	7	6	5						1438950-2	5S4T-14A464-NA-042		
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50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	8-1438129-4	3S4T-14A464-GA		
	49			46		44		42			39		37		35	34						27						23	22						16	15			13	12	11			8	7	6	5		3	2	1	8-1438129-2	5S4T-14A464-NA-037
50	49			46	45	44	43	42		40	39		37	36																																							

REVISIONS				
#	LYR	DESCRIPTION	DATE	DWN
-	-	SEE SHEET 1	-	-

KEYING OPTION C

CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS

BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS

TERMINAL HOLE POSITION

5S4T-14A464-N* PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±.3
1 PLC ±0.10
2 PLC ±.1
3 PLC ±.
4 PLC ±.
ANGLES ±1°
FINISH
-
-

DWN R. VESTAL 15APR2005
CHK T. VALASEK 15APR2005
APVD T. VALASEK 15APR2005

PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT
-
CUSTOMER DRAWING

TE Connectivity

NAME
50-WAY HARNESS ASSEMBLY, PCM
-

SIZE
A1

CAGE CODE
100779

DRAWING NO
C=1438129

RESTRICTED TO
-

SCALE
1:1

SHEET
7

OF
10

REV
F37

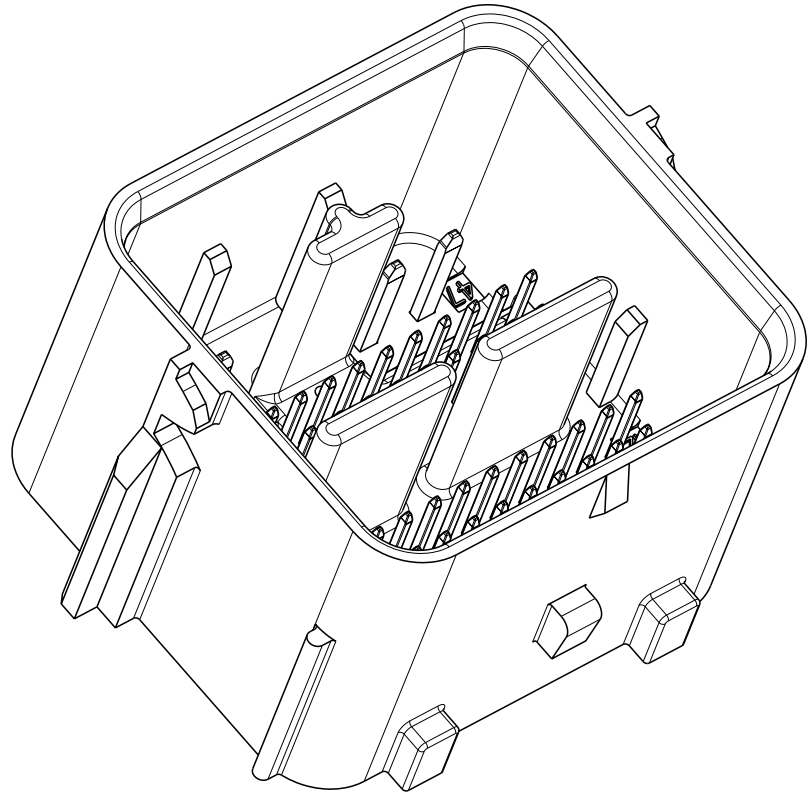
4805 (3/13)

P		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APPD
-	-	SEE SHEET I	-	-	-

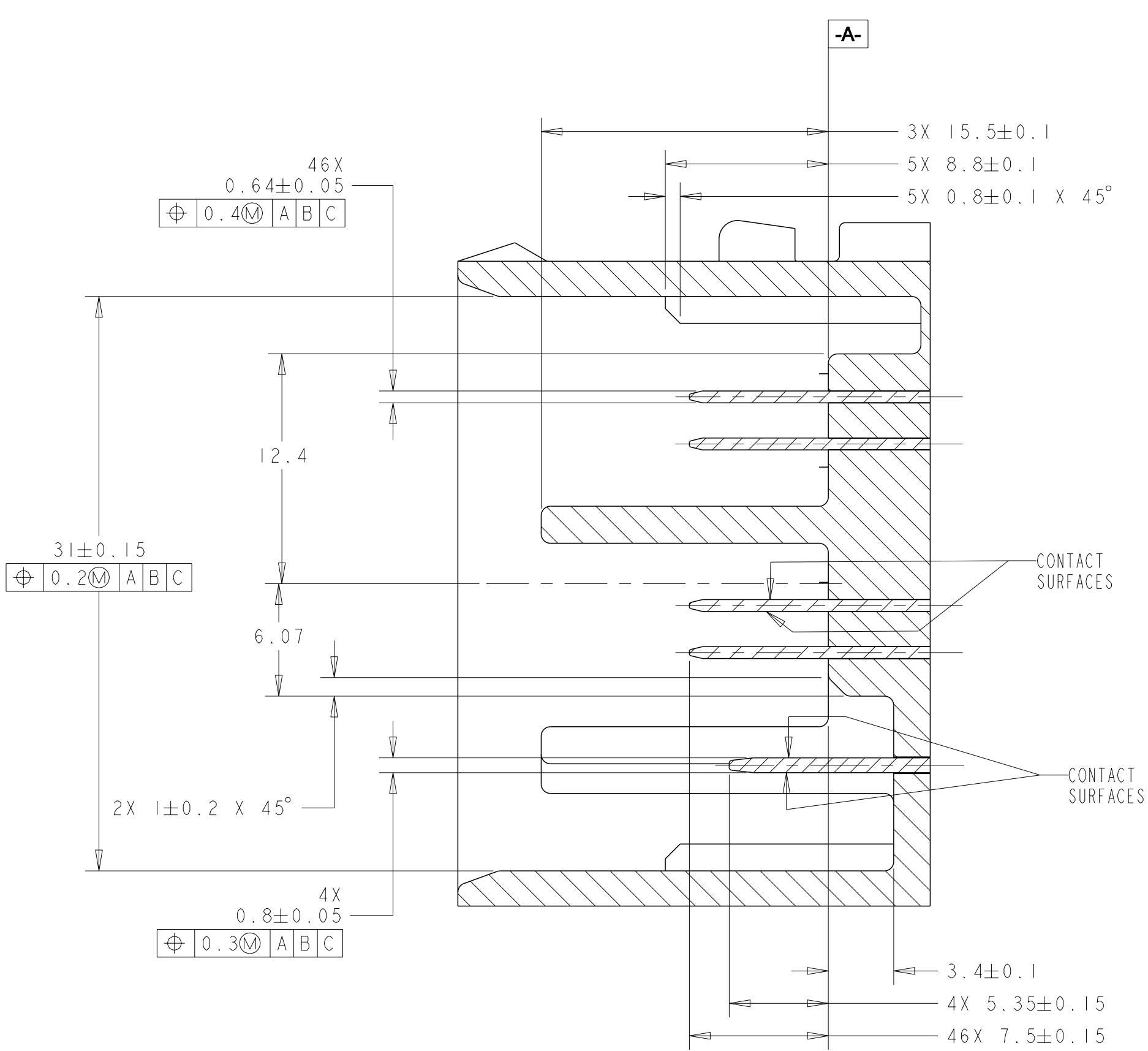
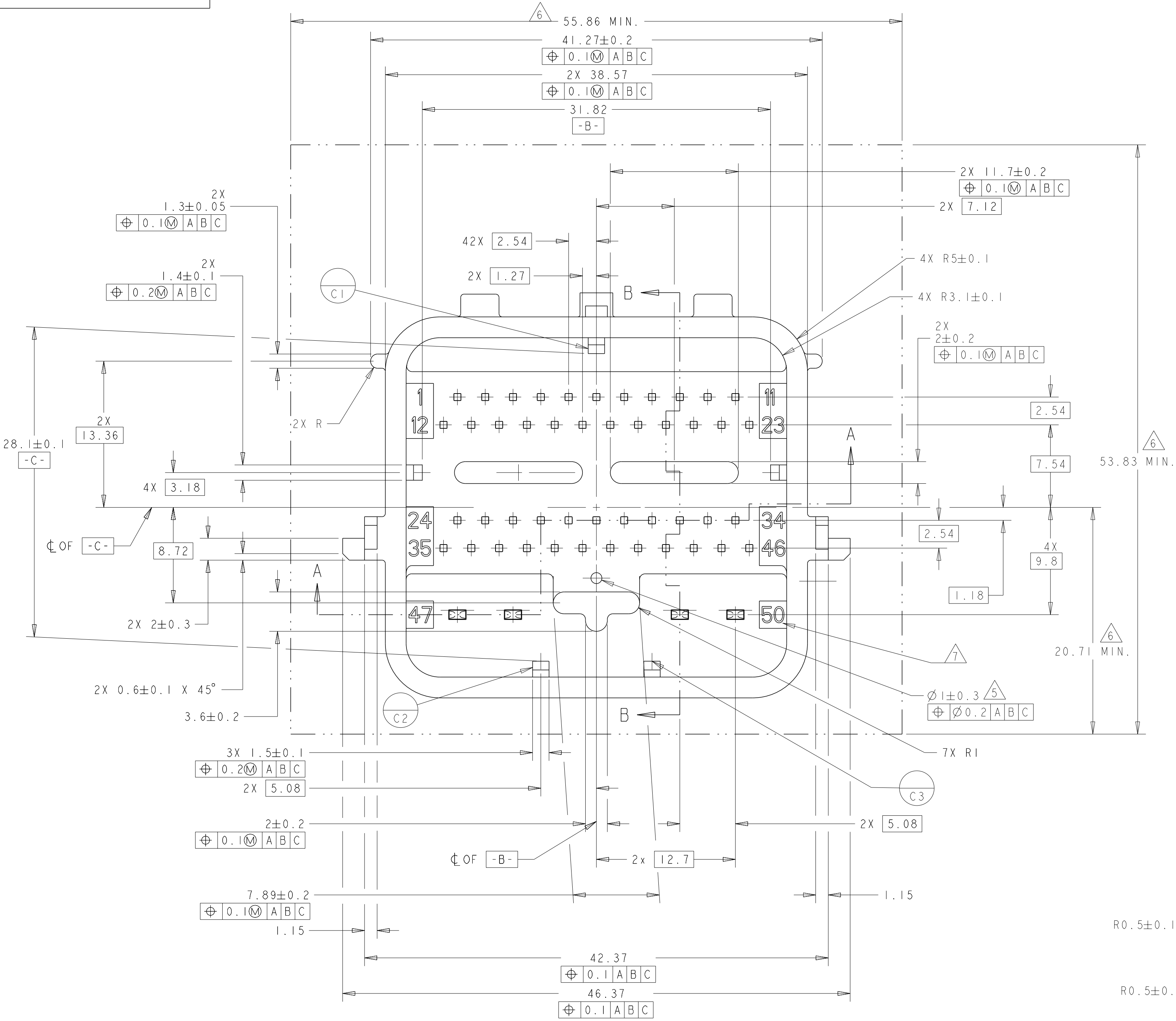
KEYING OPTION C

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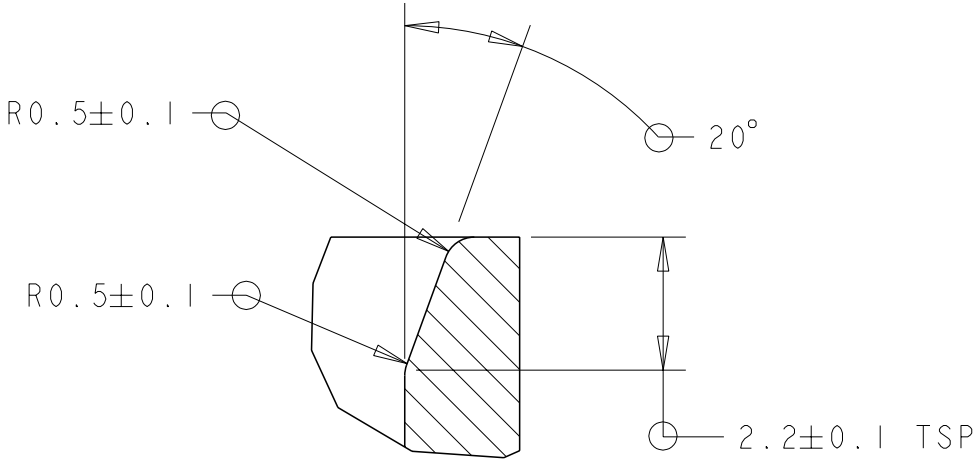
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. NO. R. VESTAL 15APR2005 CHKD. T. VALASER 15APR2005 APP'D. T. VALASER 15APR2005		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.0 1 PLC ±.3 2 PLC ±.0 .10 3 PLC ±. 4 PLC ±. ANGLES ±1°		NAME 50-WAY HARNESS ASSEMBLY, PCM - -	
		PRODUCT SPEC - APPLICATION SPEC -		SIZE CAGE CODE DRAWING NO A100779C-1438129	
MATERIAL -		WEIGHT -		RESTRICTED TO -	
FINISH -		CUSTOMER DRAWING -		SCALE 1:1 SHEET 8 OF 10 REF 3	



SCALE 2:1



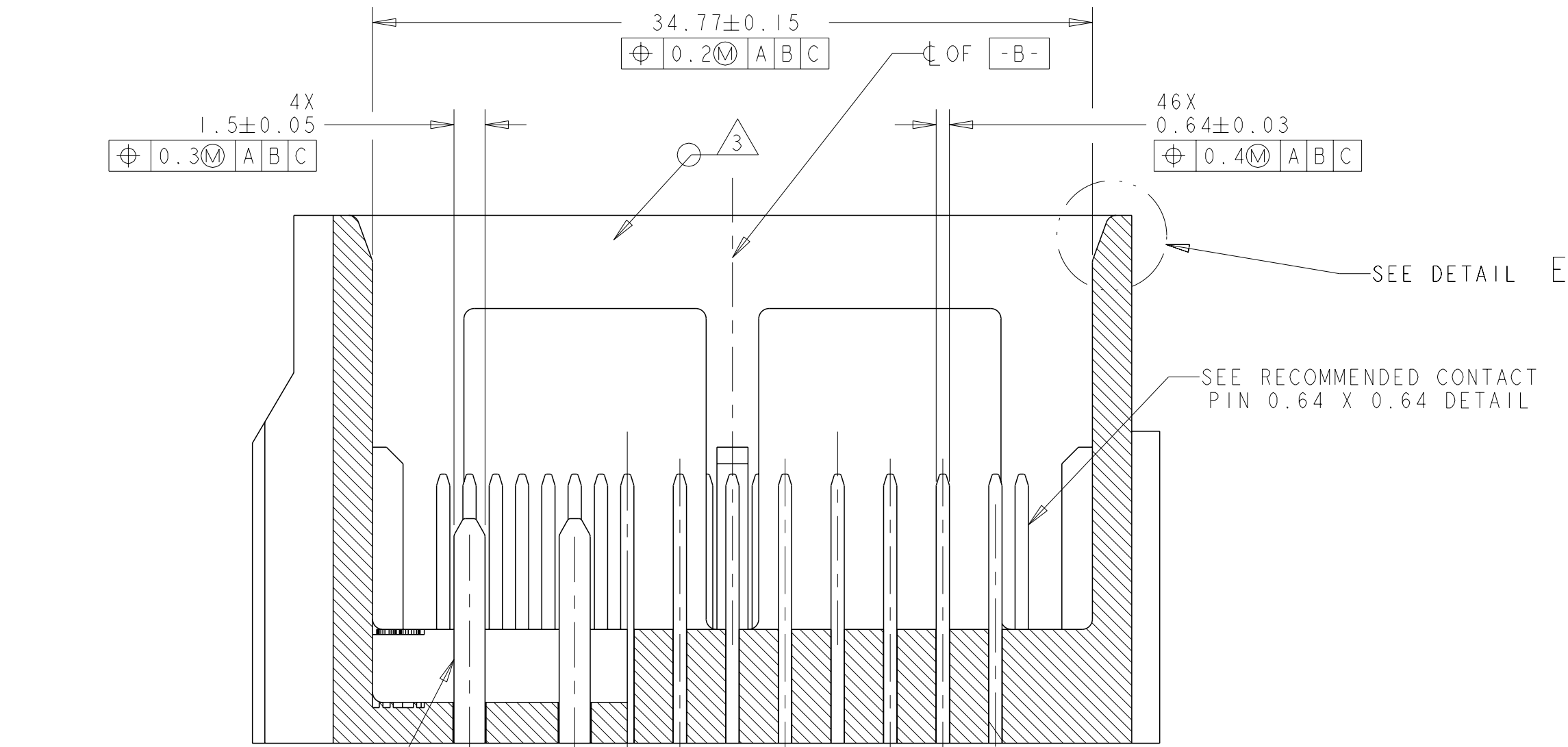
SECTION B-B



DETAIL E
SCALE 8:1

NOTES: UNLESS OTHERWISE SPECIFIED

- GENERAL TOLERANCE:
±0.3 ALL ONE PLACE DIMENSIONS
±0.10 ALL TWO PLACE DIMENSIONS
±1°00' ALL ANGULAR DIMENSIONS
- DRAFT ANGLE PERMISSIBLE ONLY WITHIN DRAWING TOLERANCE.
- SEALING SURFACE, NO WITNESS LINES OR DAMAGE PERMITTED.
- ALL UNMARKED RADIUS TO BE 0.5 MAX., UNLESS OTHERWISE SPECIFIED.
- VENT HOLE SIZE AND LOCATION IS OPTIONAL.
- THIS AREA TO REMAIN CLEAR FOR THE HARNESS ASSEMBLY.
- TERMINAL POSITION IDENTIFICATION.
- MATES WITH TYCO ELECTRONICS PART NUMBERS 1438129-★ & 1438950-★



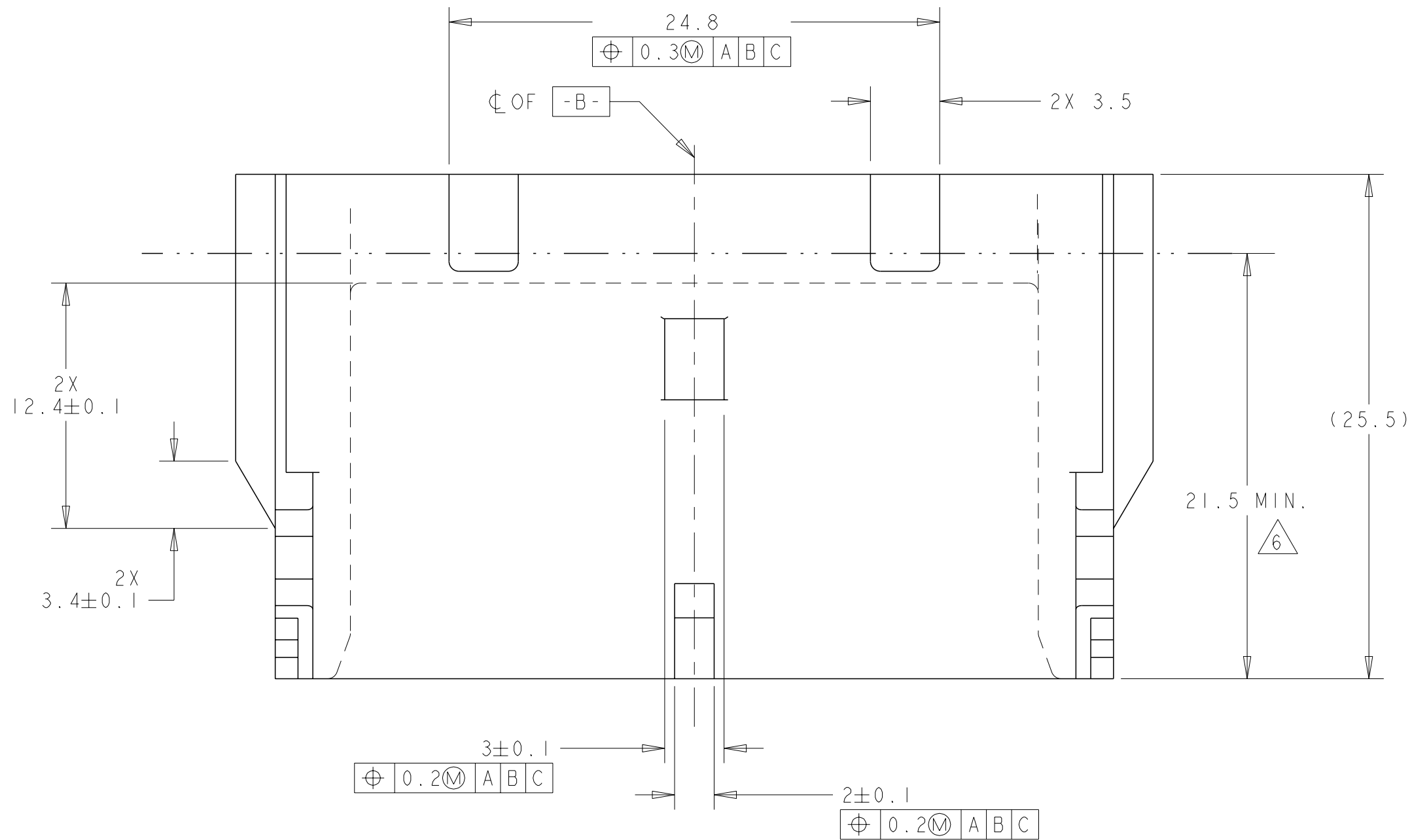
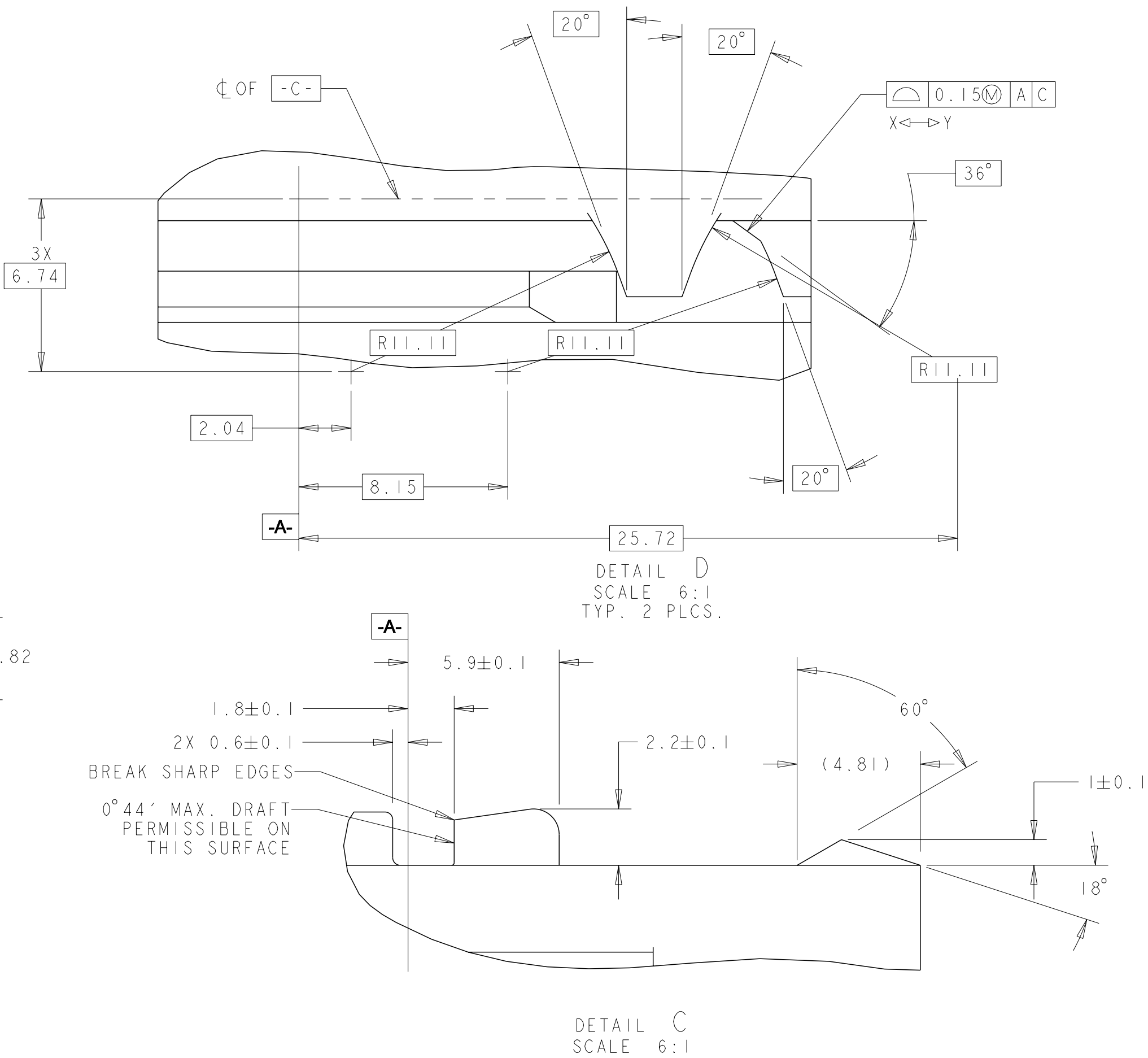
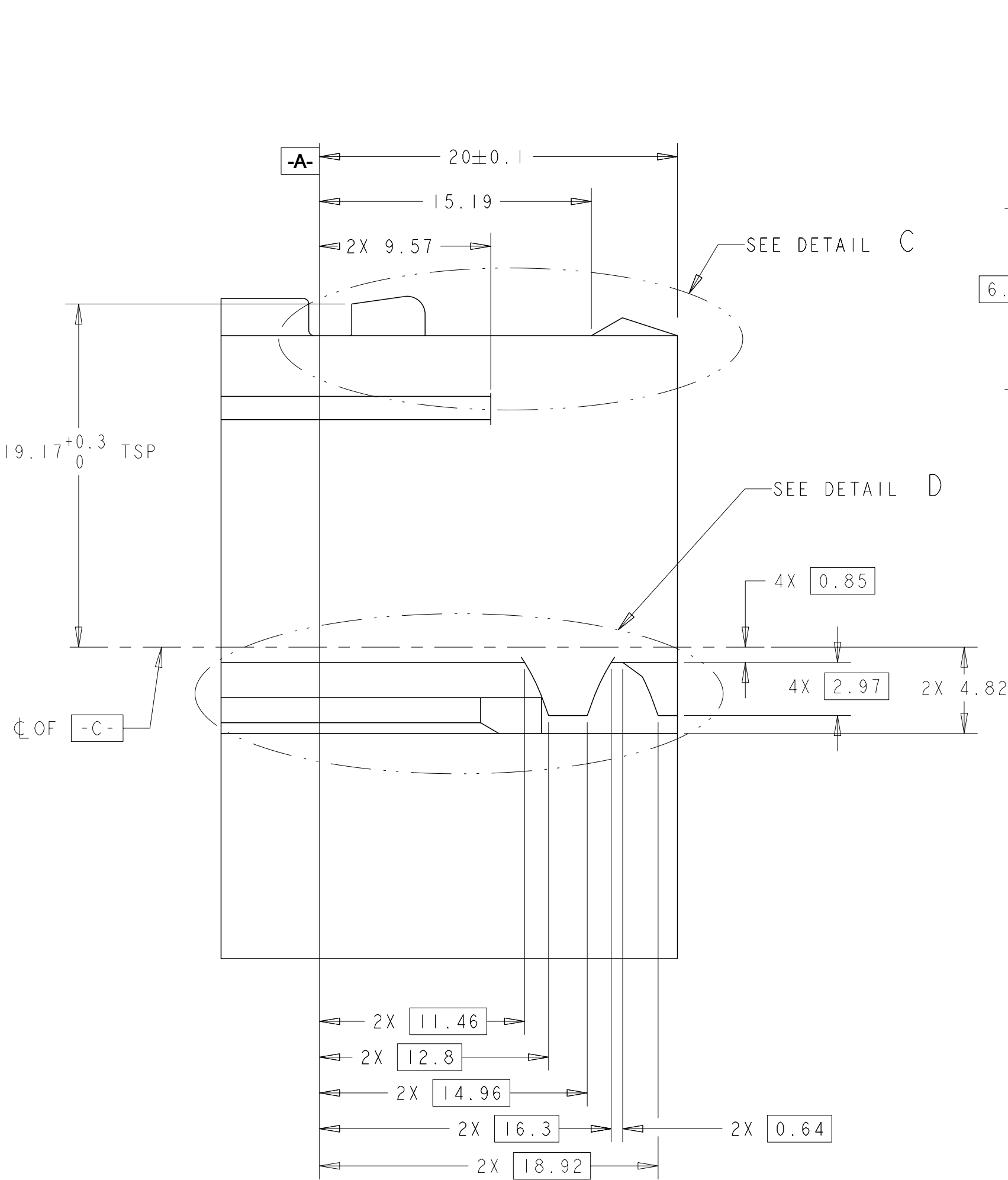
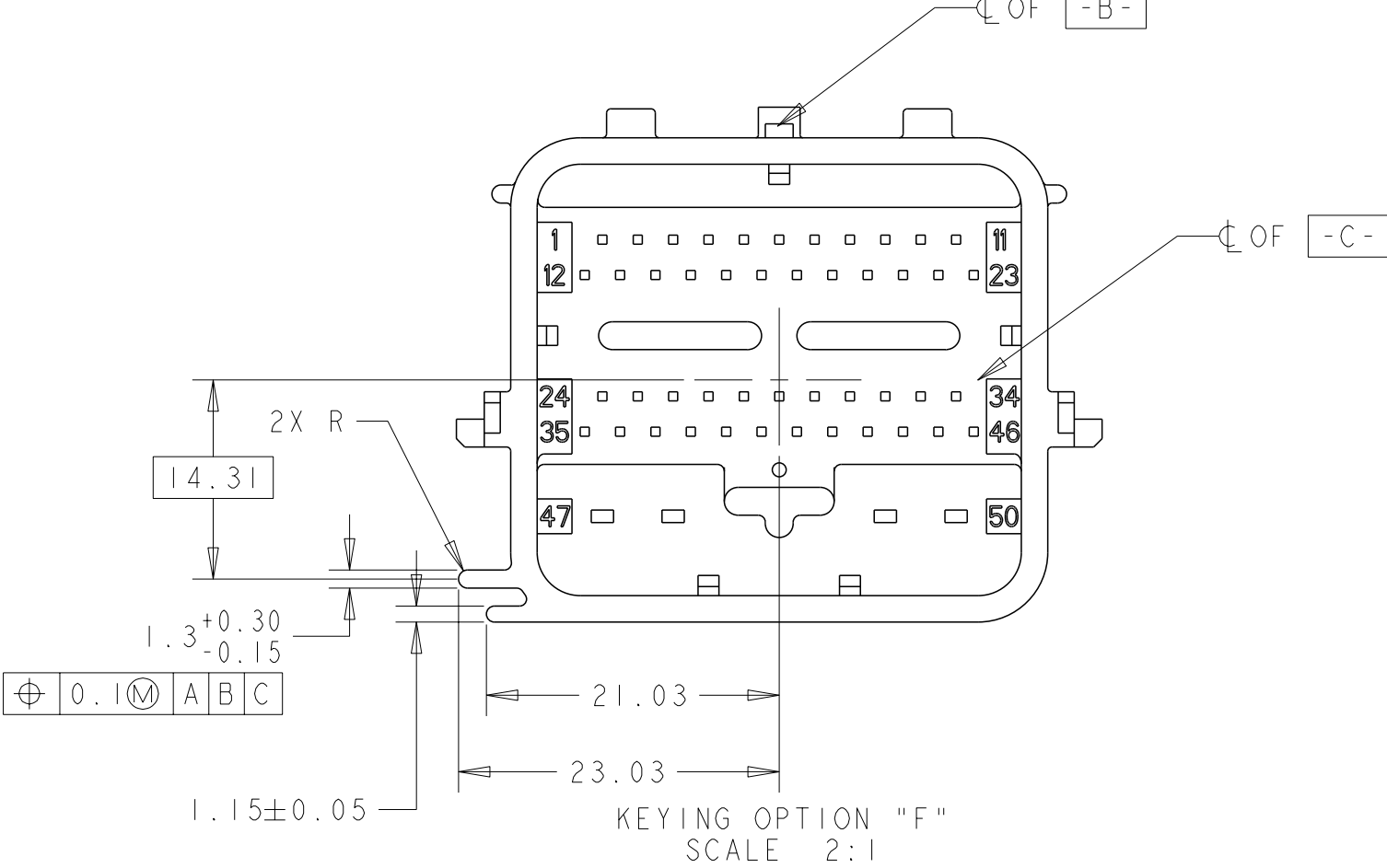
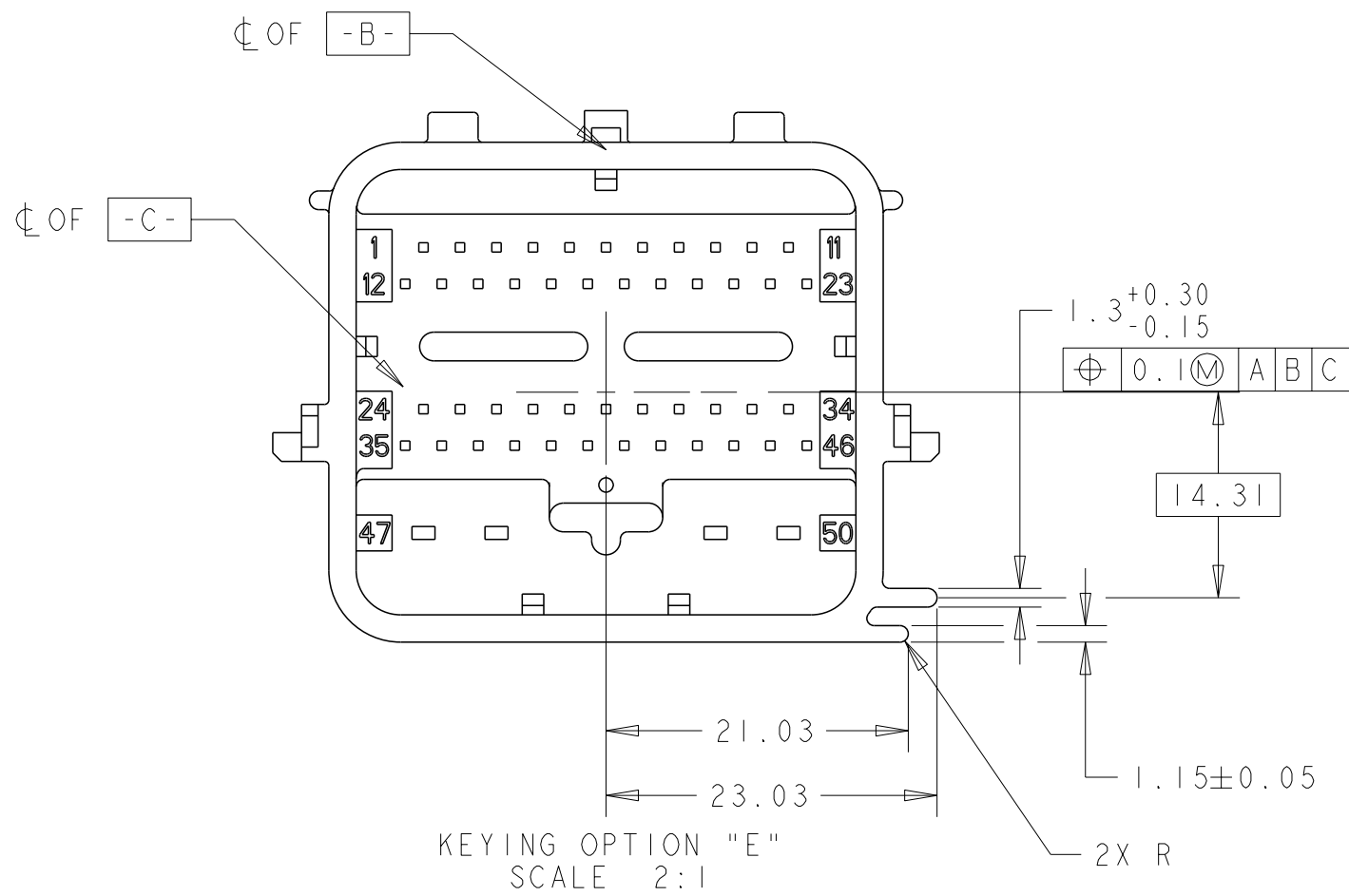
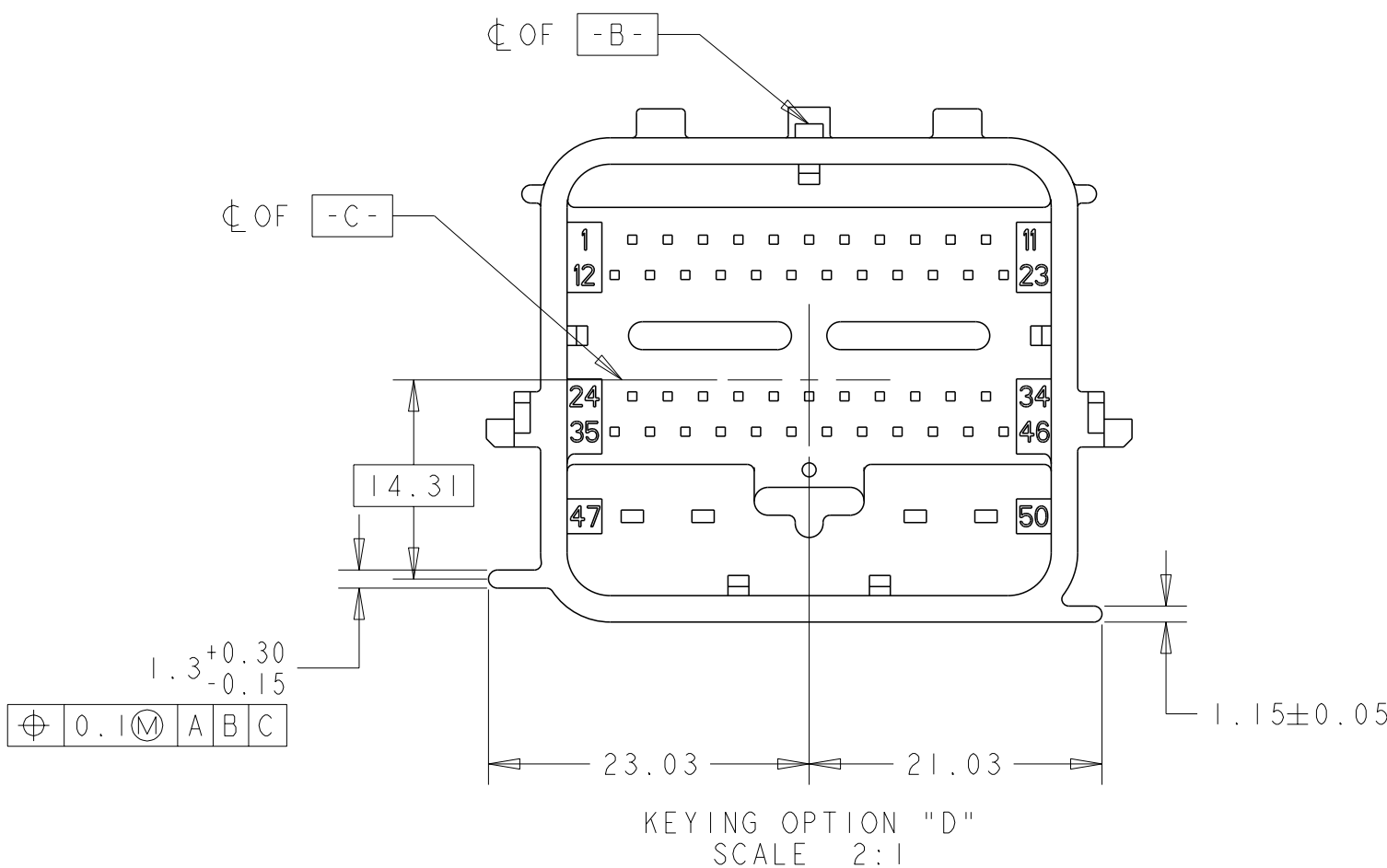
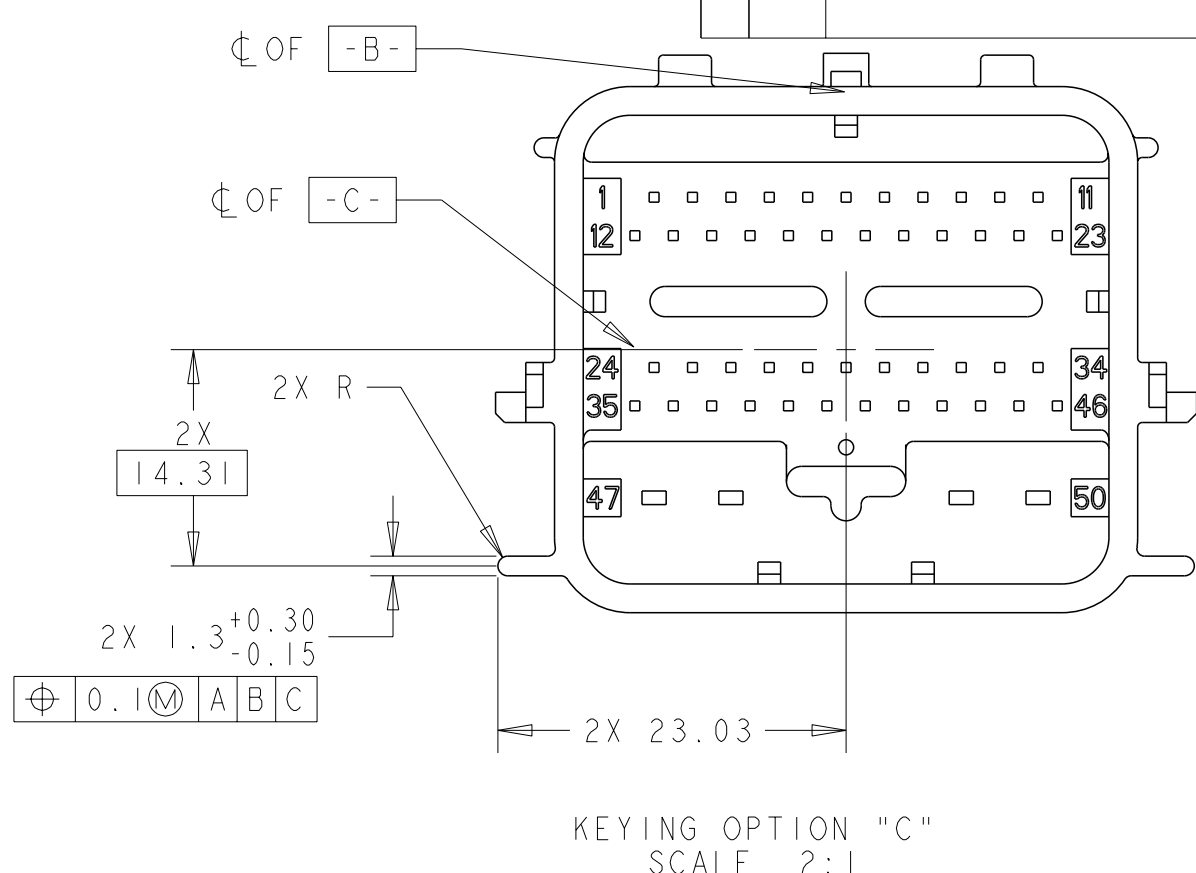
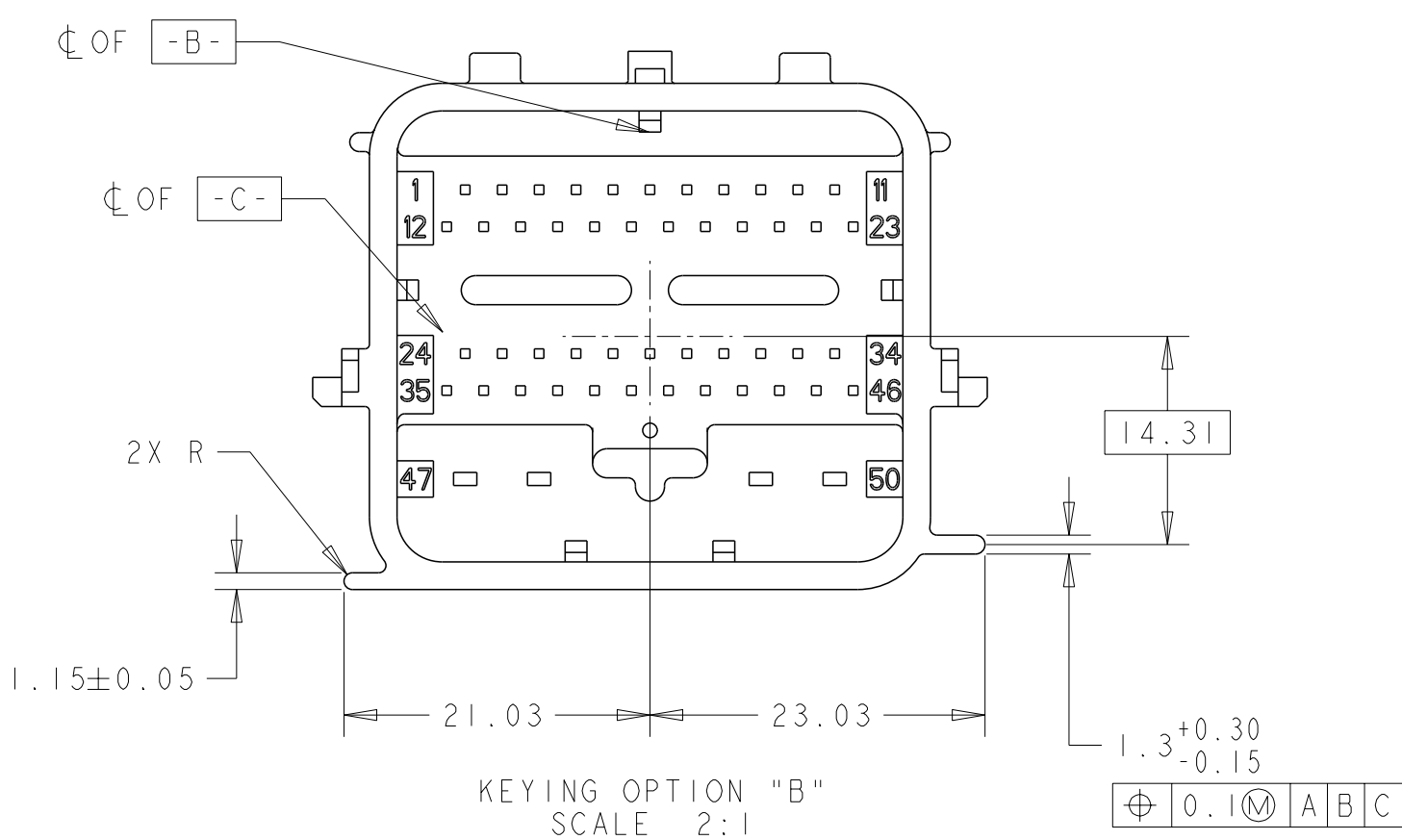
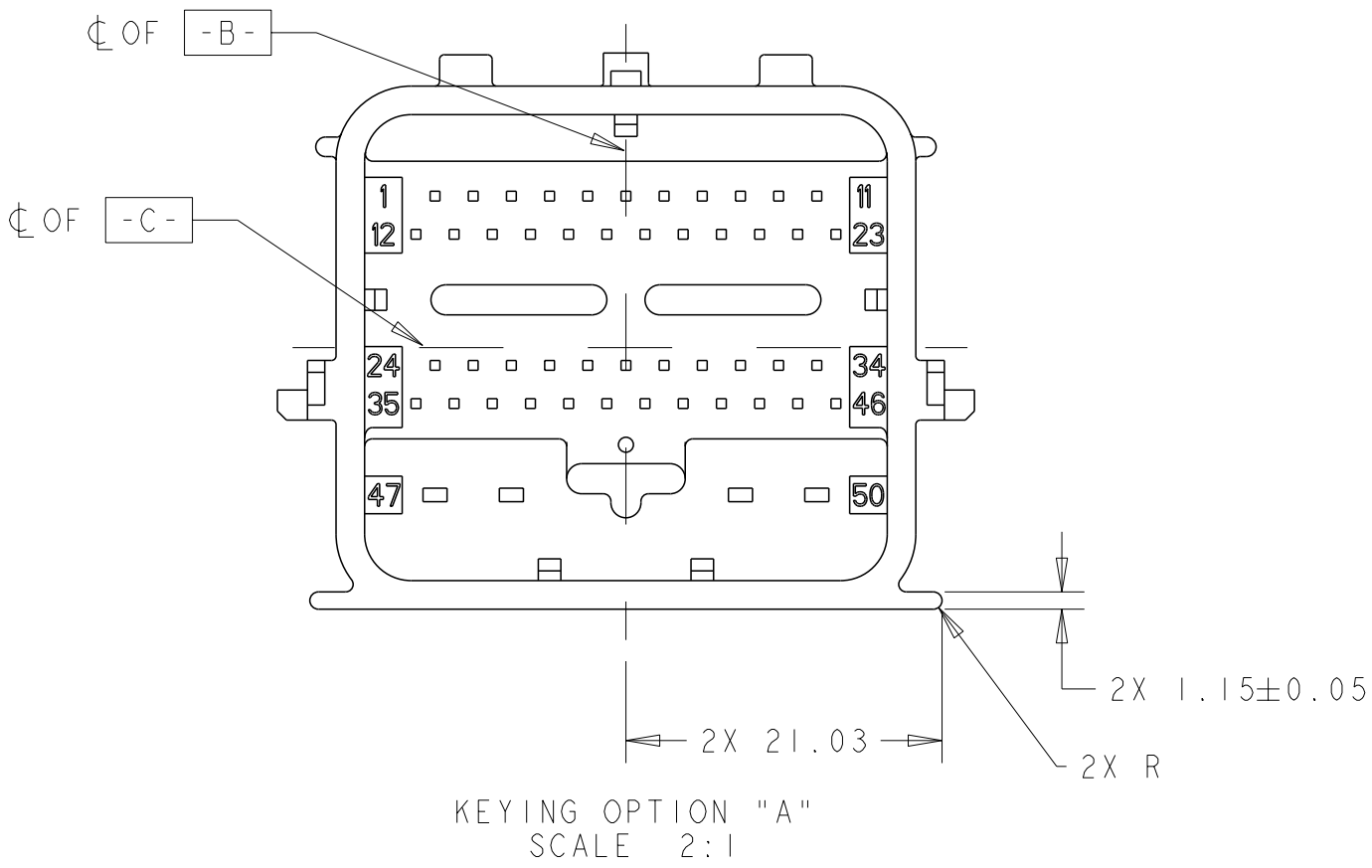
SECTION A-A

SEE RECOMMENDED CONTACT
PIN 0.8 X 1.5 DETAIL

THIS DRAWING IS A CONTROLLED DOCUMENT.				REVISIONS			
DWN R. VESTAL		15APR2005		P	LYR	DESCRIPTION	DATE
CHK T. VALASEK		15APR2005		-	-	SEE SHEET 1	DWN
APVD T. VALASEK		15APR2005		-	-		APVD
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
mm		0 PLC ±.3		50-WAY HARNESS ASSEMBLY, PCM			
1 PLC ±0.10		2 PLC ±.3		SIZE			
3 PLC ±.3		4 PLC ±.3		CAGE CODE			
MATERIAL		FINISH		DRAWING NO			
-		-		A100779			
-		-		C=1438129			
CUSTOMER DRAWING		WEIGHT		RESTRICTED TO			
-		-		-			
SCALE		1:1		SHEET 9 OF 10			
REV		F37					

HEADER INTERFACE KEYING OPTIONS

REVISIONS					
#	LYR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. VESTAL	15APR2005	 TE Connectivity		
DIMENSIONS:		CHK T. VALASEK	15APR2005			
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	50-WAY HARNESS ASSEMBLY, PCM	
		0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ± 4 PLC ±				
		MATERIAL				FINISH
		-				-
		-				-
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