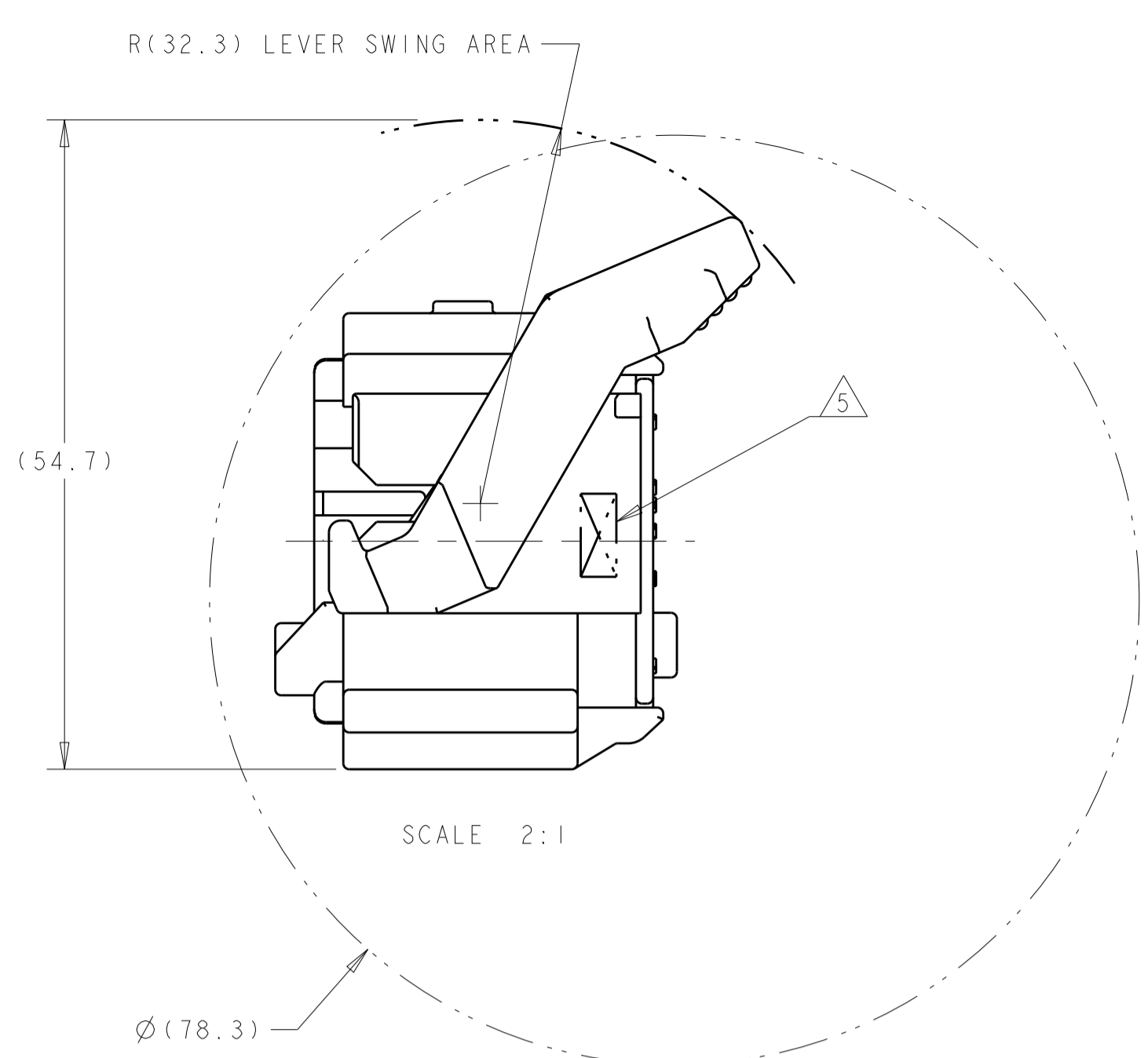
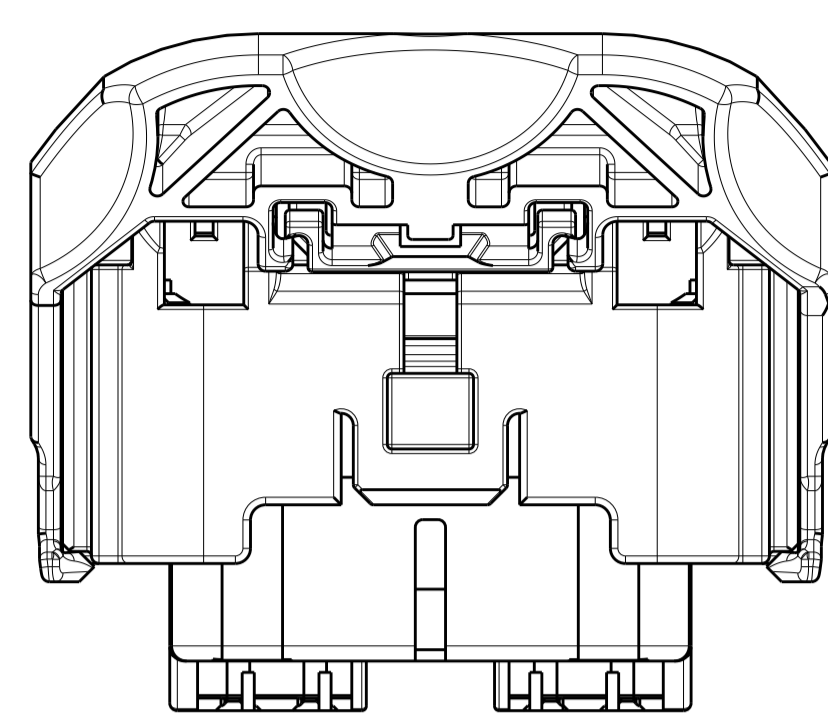
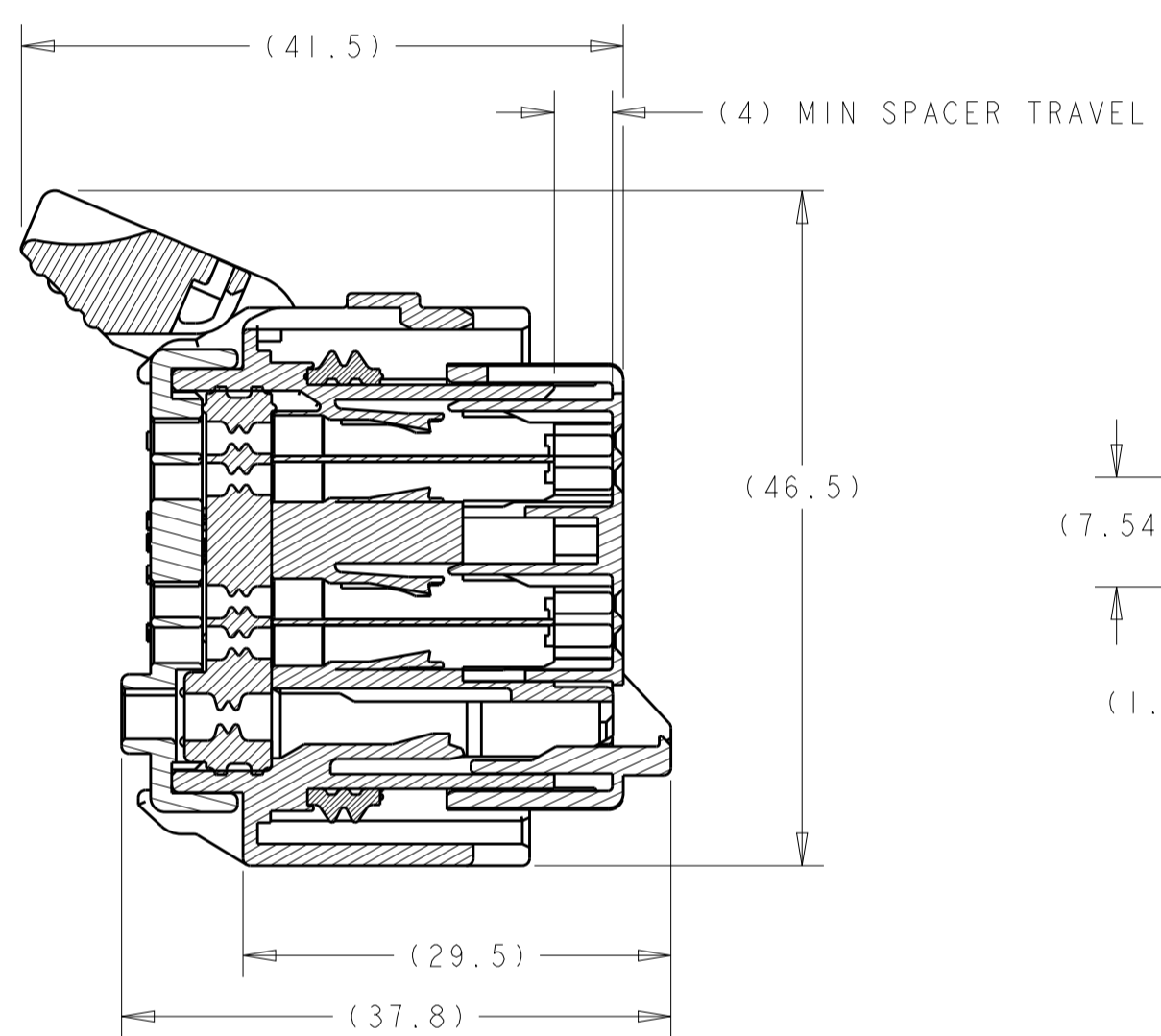


1438129-1
SHOWN WITH SPACER
IN SEATED POSITION

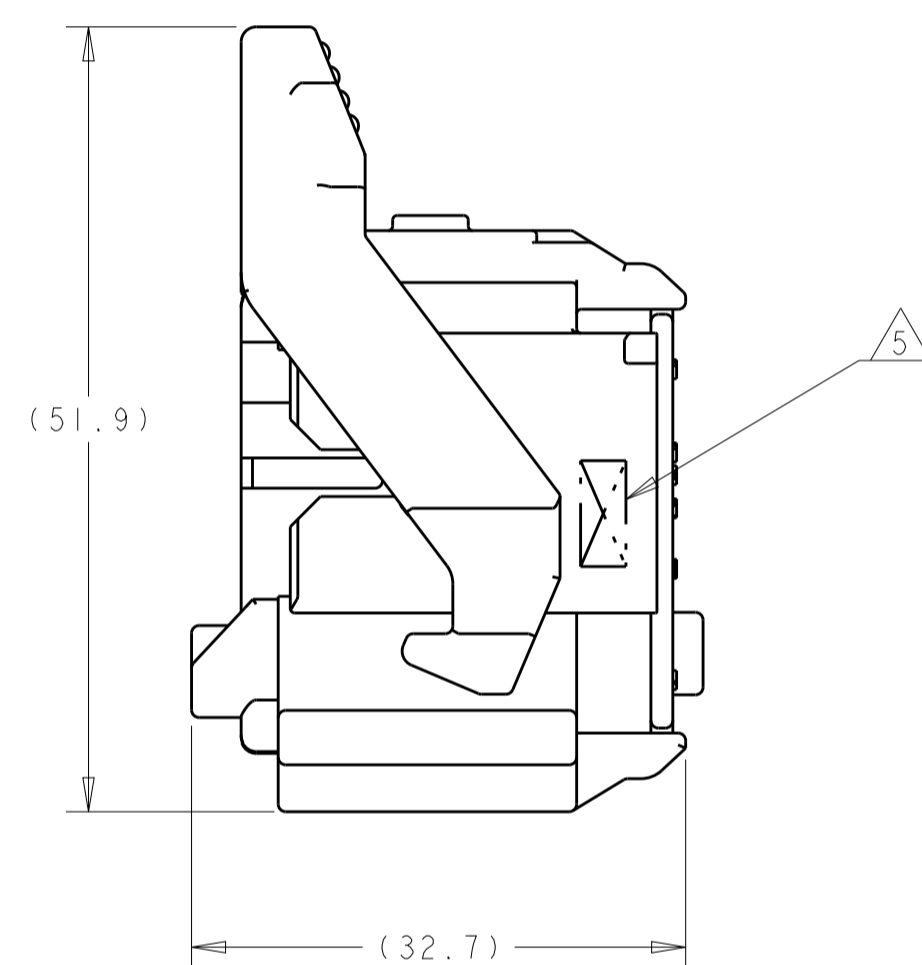
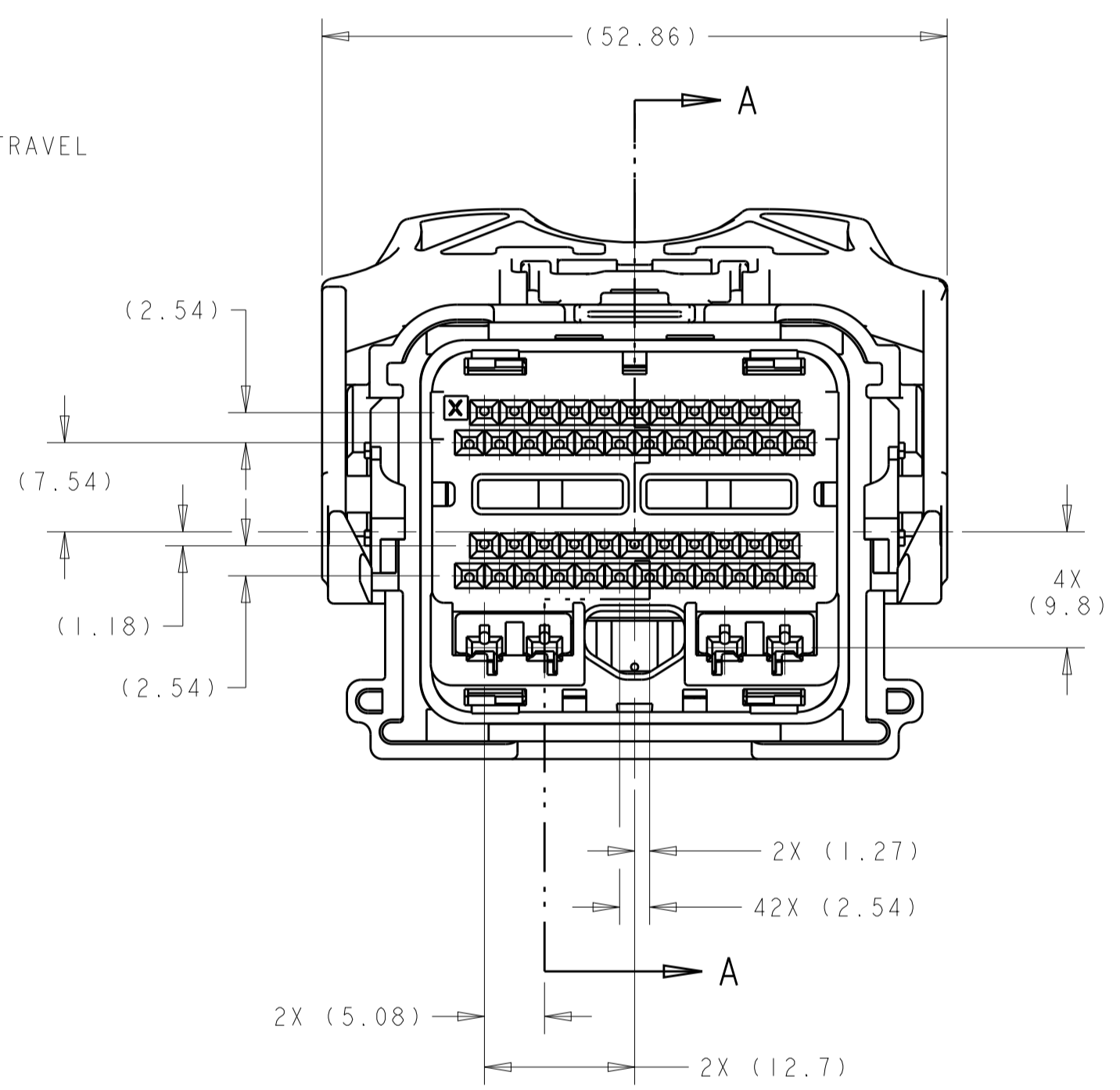


SCALE 2:1

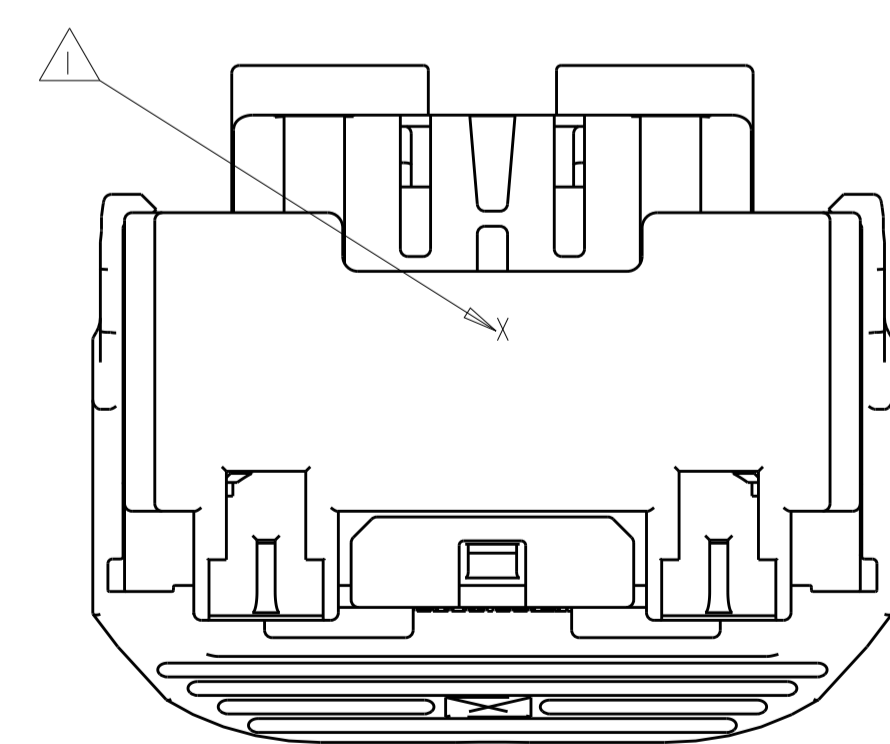
MIN. FEED THRU
CONDITION WITH 1mm
CLEARANCE ALL AROUND
SHOWN WITH SPACER IN SEATED POSITION



SECTION A-A
SPACER AND LEVER IN
PRE-SEATED POSITION
(DELIVERY CONDITION)

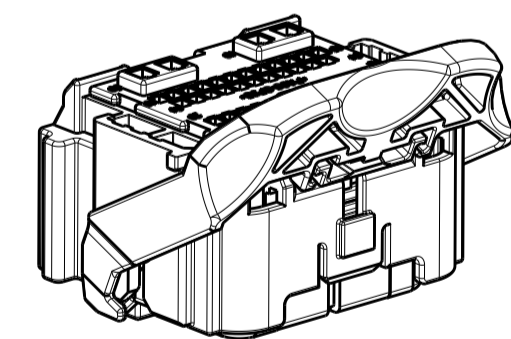


SHOWN WITH CAM
LEVER AND SPACER
IN LOADED POSITION



REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APPV.
F32		REVISED PER ECO-16-003418	08MAR2016	DLD DCM
F33		REVISED PER ECO-16-018427	25JAN2017	DLD DCM
F34		REVISED PER ECO-17-007768	30MAY2017	DLD DCM

- 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.
 - APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS:
33012-0002 TIN 0.50-1.50mm²
 - CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
 - REFERENCE TO CONNECTIVITY INSTRUCTION SHEET 408-8893.
- △ COMPANY LOGO.



SCALE 1:1

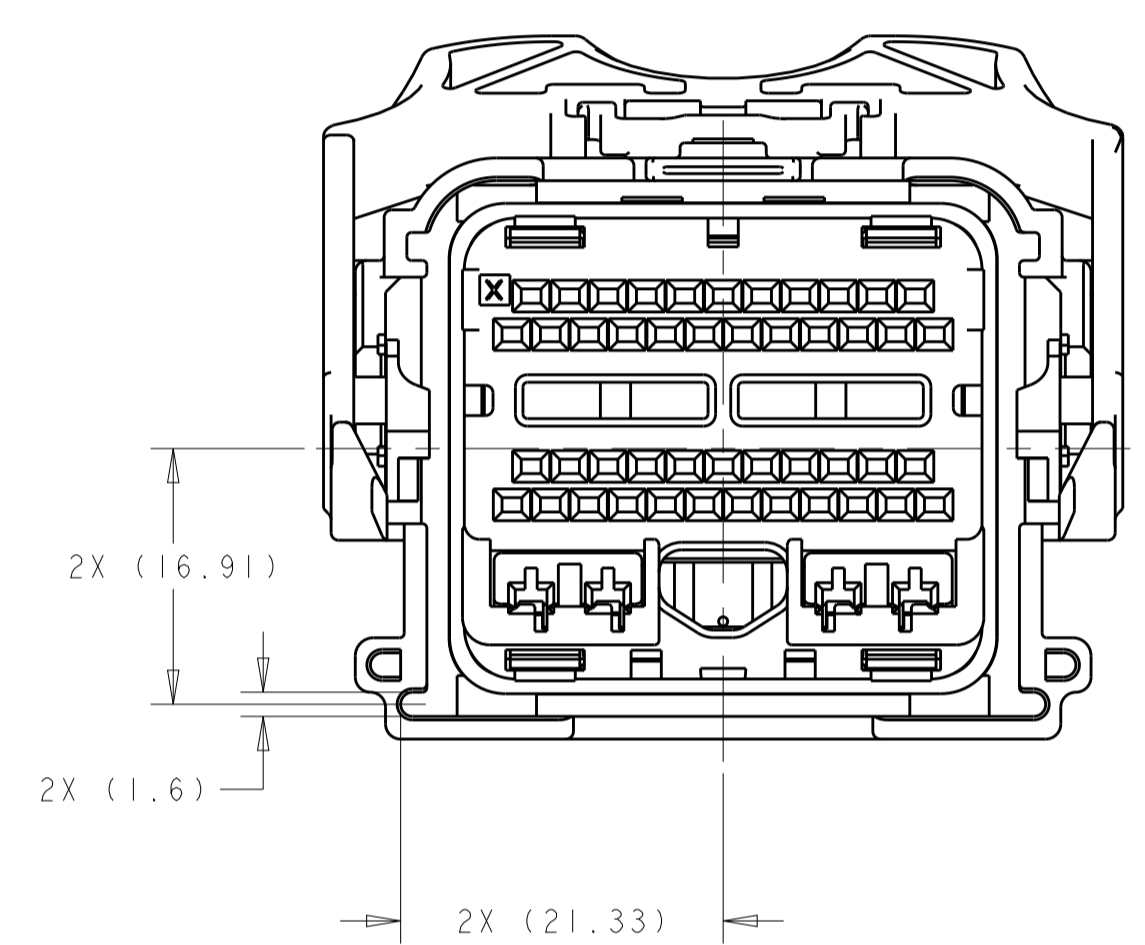
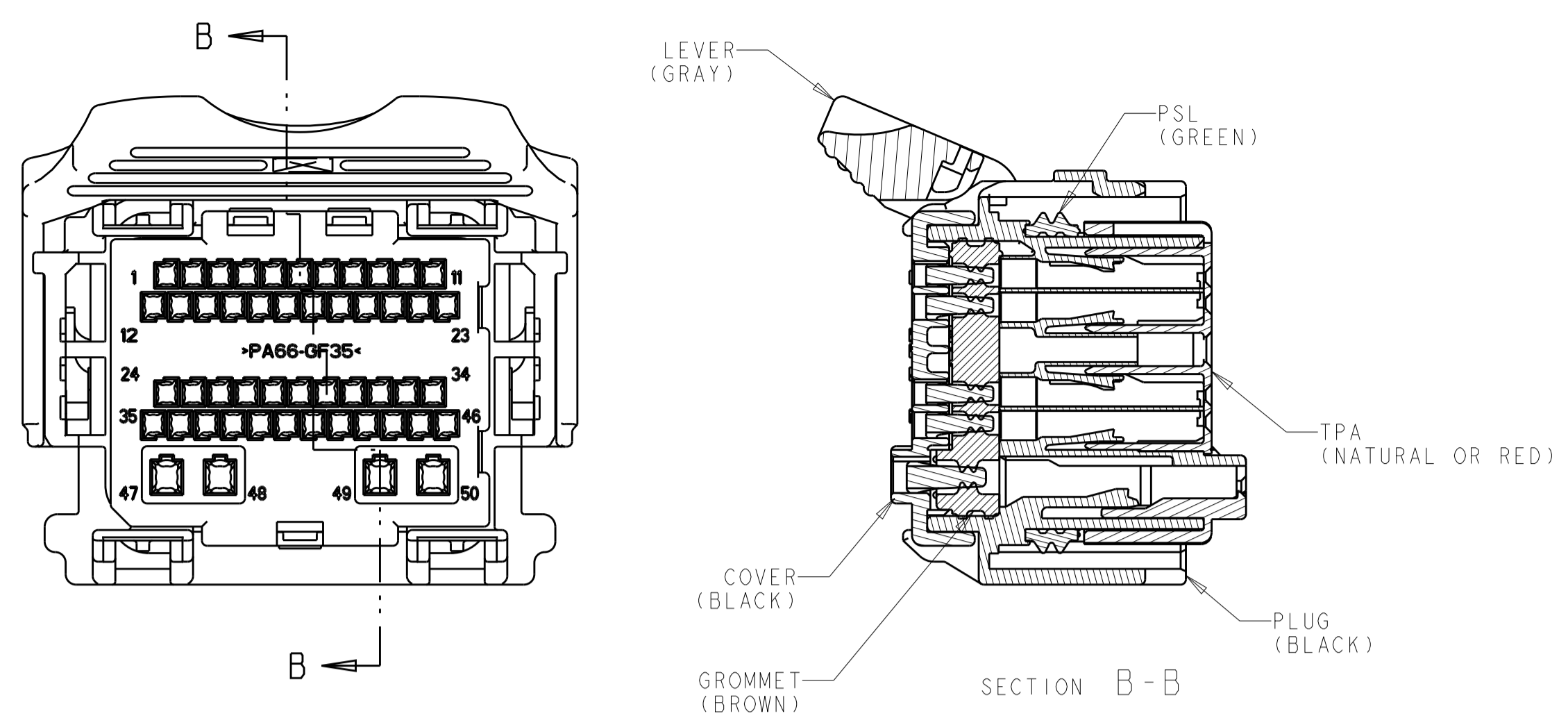
APPLICABLE COMPONENTS (FOR REFERENCE ONLY)						
DESCRIPTION	NOMINAL TERMINAL SIZE	COLOR/PLATING	FORD COMPONENT PART NUMBER	SUPPLIER PART NUMBER	MATERIAL/SPECIFICATION NUMBER	SAE WIRE SIZE
TERMINAL - FEMALE (Ag)	0.64 (CAT. 0)	SILVER	7S4T-14474-AA	1393366-2	COPPER ALLOY/SILVER PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Ag)	0.64 (CAT. 0)	SILVER	7S4T-14474-BA	1393367-2	COPPER ALLOY/SILVER PLATE	22AWG
TERMINAL - FEMALE (Sn)	0.64 (CAT. 0)	TIN	1L2T-14474-AA	1393366-1	COPPER ALLOY/TIN PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Sn)	0.64 (CAT. 0)	TIN	1L2T-14474-BA	1393367-1	COPPER ALLOY/TIN PLATE	22AWG
TERMINAL - FEMALE (Au)	0.64 (CAT. 0)	GOLD	1L2T-14474-CA	1393365-1	COPPER ALLOY/GOLD PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Au)	0.64 (CAT. 0)	GOLD	1L2T-14474-DA	1393364-1	COPPER ALLOY/GOLD PLATE	22AWG

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

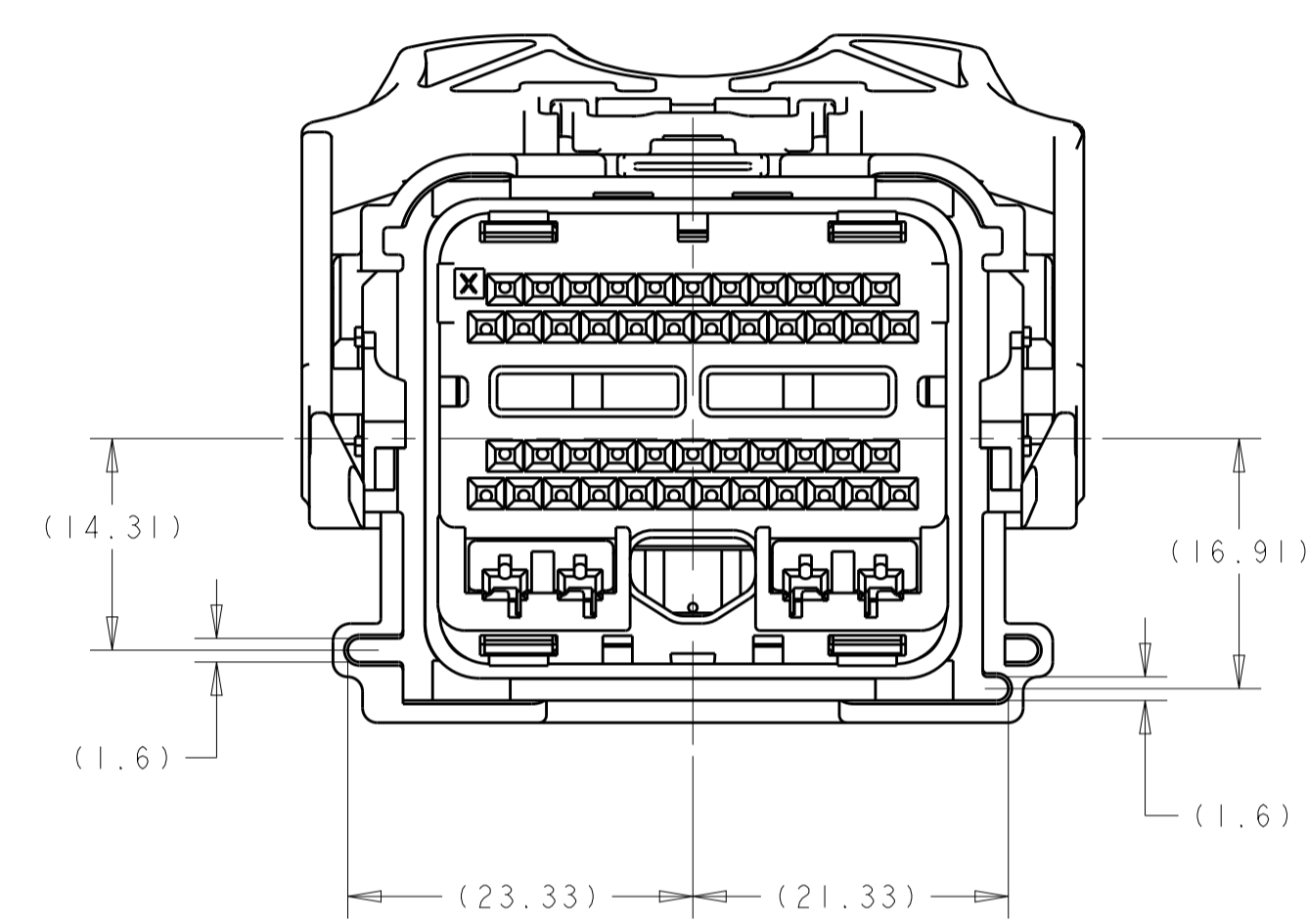
SEE TABLES
SHEETS 3 THRU 7
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. VESTAL 15APR2005	TE Connectivity
DIMENSIONS: mm		CHK: T. VALASEK 15APR2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: T. VALASEK 15APR2005	NAME: 50-WAY HARNESS ASSEMBLY, PCM
0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ± 4 PLC ± ANGLES ±1°		PRODUCT SPEC: -	APPLICATION SPEC: -
MATERIAL: -		WEIGHT: -	RESTRICTED TO: -
FINISH: -		CUSTOMER DRAWING	SCALE: 1:1 SHEET 1 OF 10 REV: F34

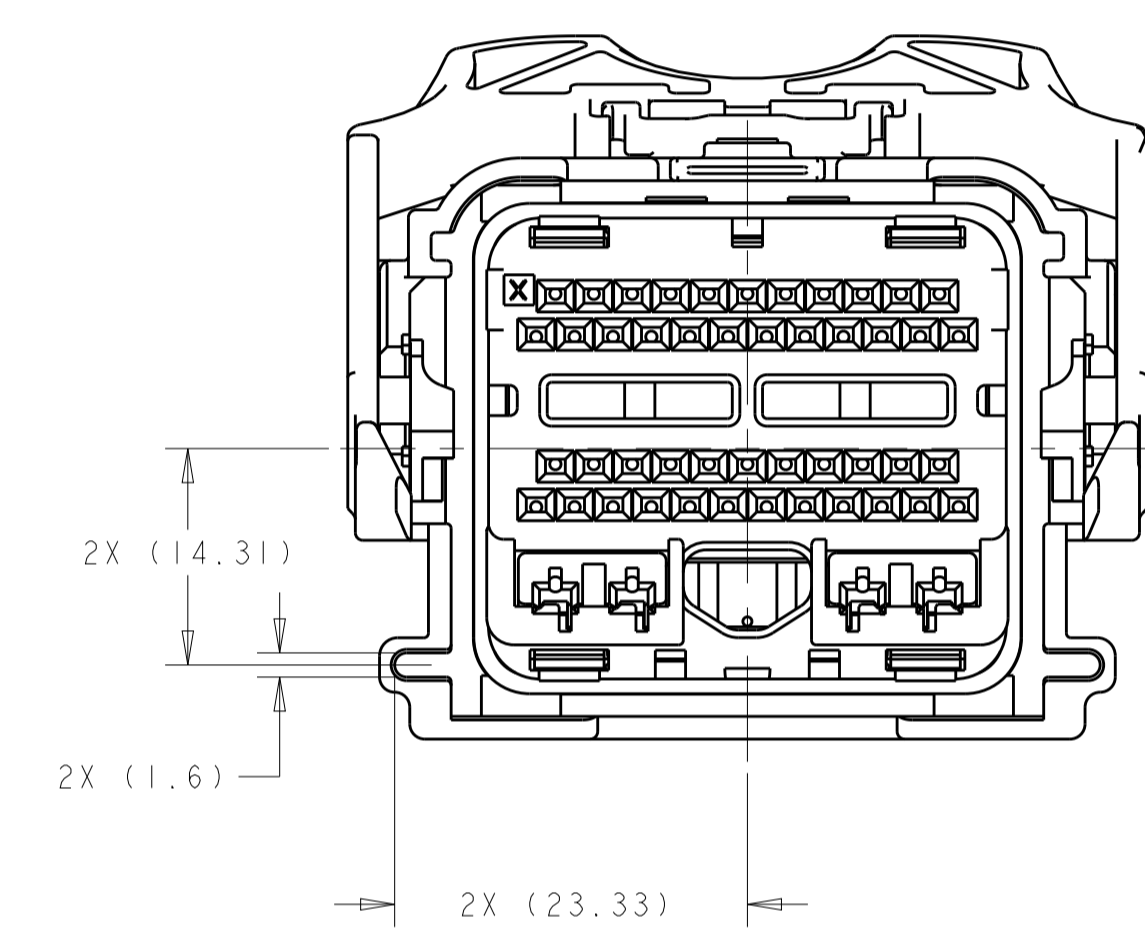
REVISIONS				
P.	LTM	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



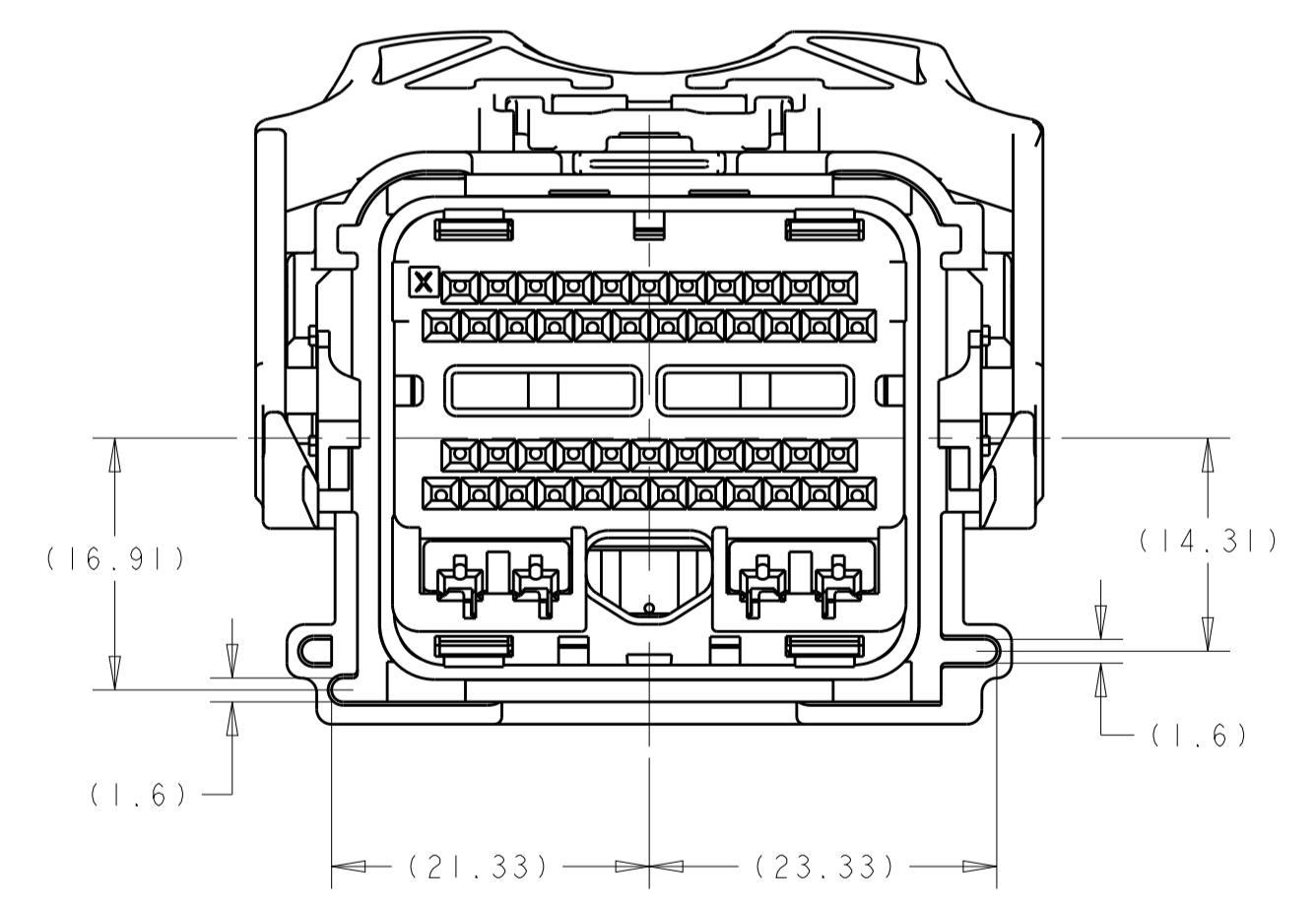
1438129-1
KEYING OPTION "A"



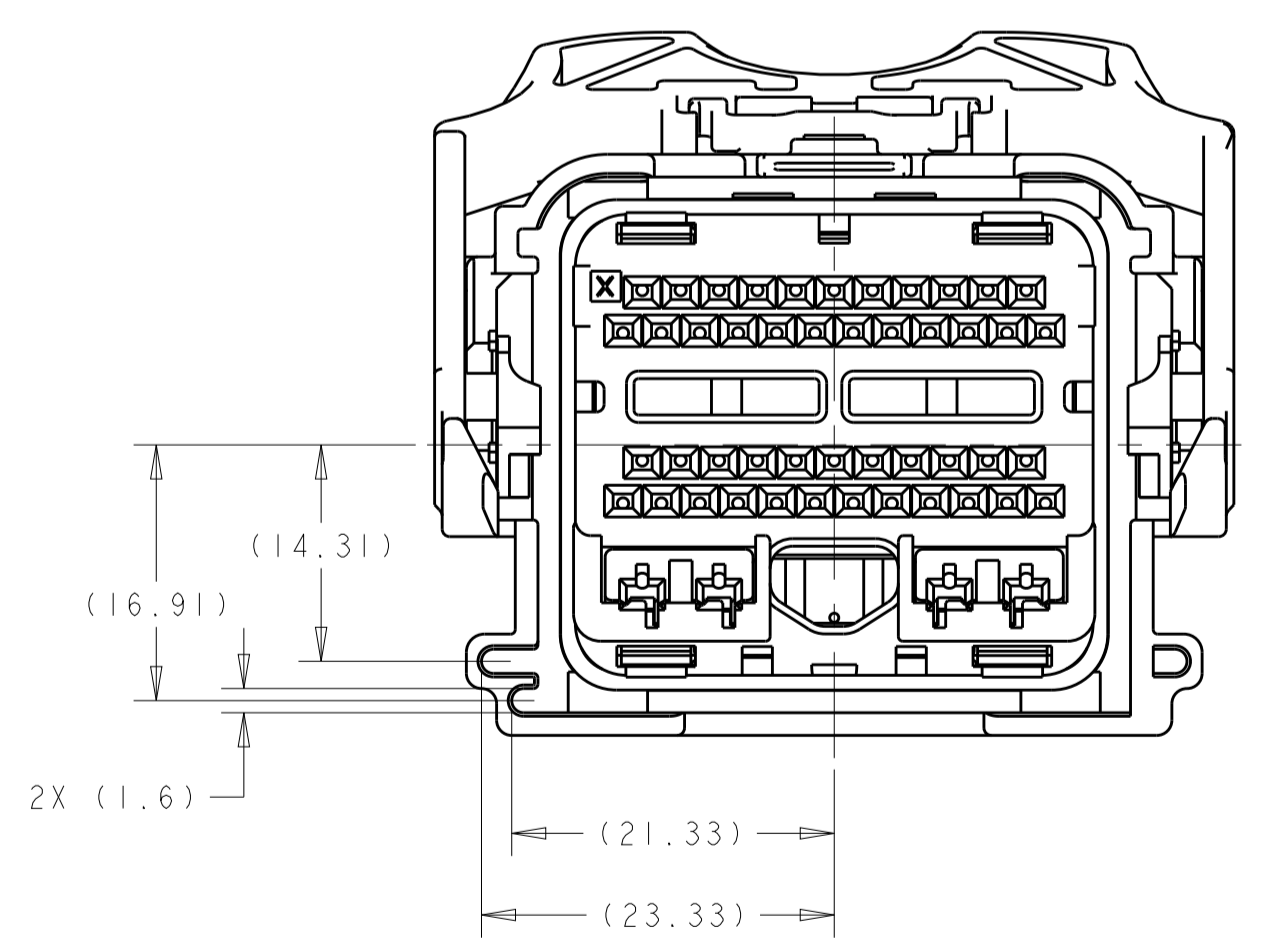
1438129-2
KEYING OPTION "B"



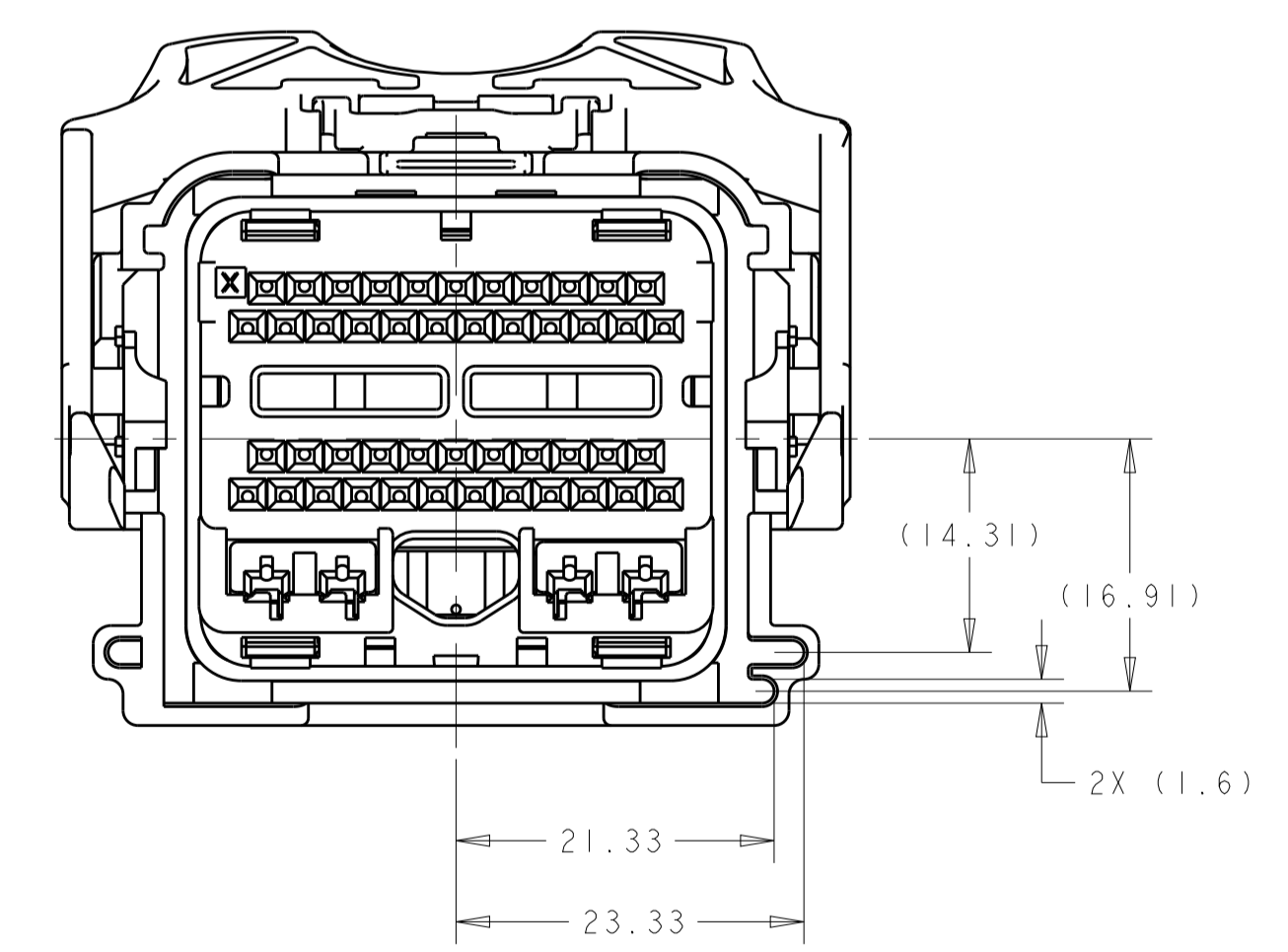
1438129-3
KEYING OPTION "C"



1438129-4
KEYING OPTION "D"



1438129-5
KEYING OPTION "E"



1438129-6
KEYING OPTION "F"

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. VESTAL 15APR2005	TE Connectivity
DIMENSIONS: mm		CHK: T. VALASEK 15APR2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: T. VALASEK 15APR2005	NAME: 50-WAY HARNESS ASSEMBLY, PCM
0 PLC ±	1 PLC ±0.3	PRODUCT SPEC	SIZE: CAGE CODE: DRAWING NO: RESTRICTED TO
2 PLC ±0.10	3 PLC ±	APPLICATION SPEC	A100779C=1438129
4 PLC ±	ANGLES ±	WEIGHT	SCALE: 2:1 SHEET 2 OF 10 REV: F34
MATERIAL	FINISH	CUSTOMER DRAWING	

REVISIONS table with columns: P, LTR, DESCRIPTION, DATE, DWN, APVD. Row 1: SEE SHEET 1.

KEYING OPTION B

Main pin-out chart grid with columns for pin numbers (46, 43, 42, 39, 38, 37, 34, 32, 31, 29, 28, 27, 26, 25, 24, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1) and rows for assembly part numbers (e.g., 5S4T-14A464-MA-065).

CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS
TERMINAL HOLE POSITION

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

ASSEMBLY PART NUMBER
FORD PART NUMBER

Controlled document information block including dimensions (mm), tolerances (PLC, PLG, PLR, ANGLES), material, finish, drawing ID (A100779), drawing number (C=1438129), scale (1:1), and sheet number (4 of 10).

REVISIONS				
P.	LT#	DESCRIPTION	DATE	OWN APVD
-	-	SEE SHEET 1	-	-

50	49	48	47	46	45	44	43	42	41	39	38	37	36	35	34	33	32	31	30	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	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			14	13	12		9	8	7	6	5	4	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	4	3	2	1	5-1438950-6	5S4T-14A464-NA-063

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

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.3 1 PLC ±.10 2-5 PLC ±.10 6-8 PLC ±.10 ANGLES ±°

MATERIAL: - FINISH: -

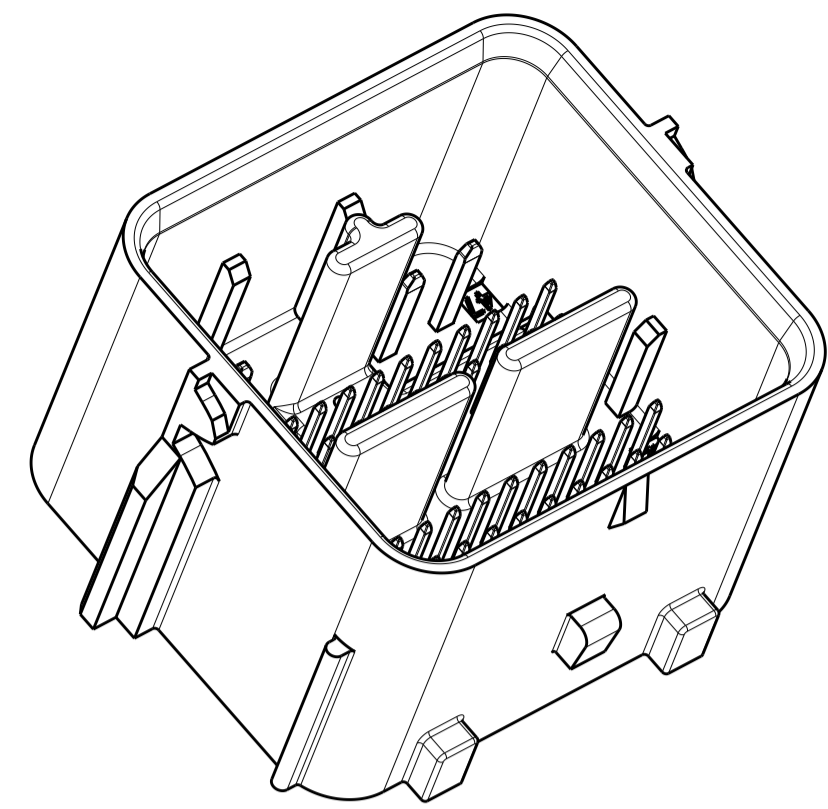
REV.	DATE	BY	CHKD.	APPD.
1	15APR2005	R. VESTAL	T. VALASEK	T. VALASEK
2	15APR2005	T. VALASEK	T. VALASEK	T. VALASEK

STE TE Connectivity

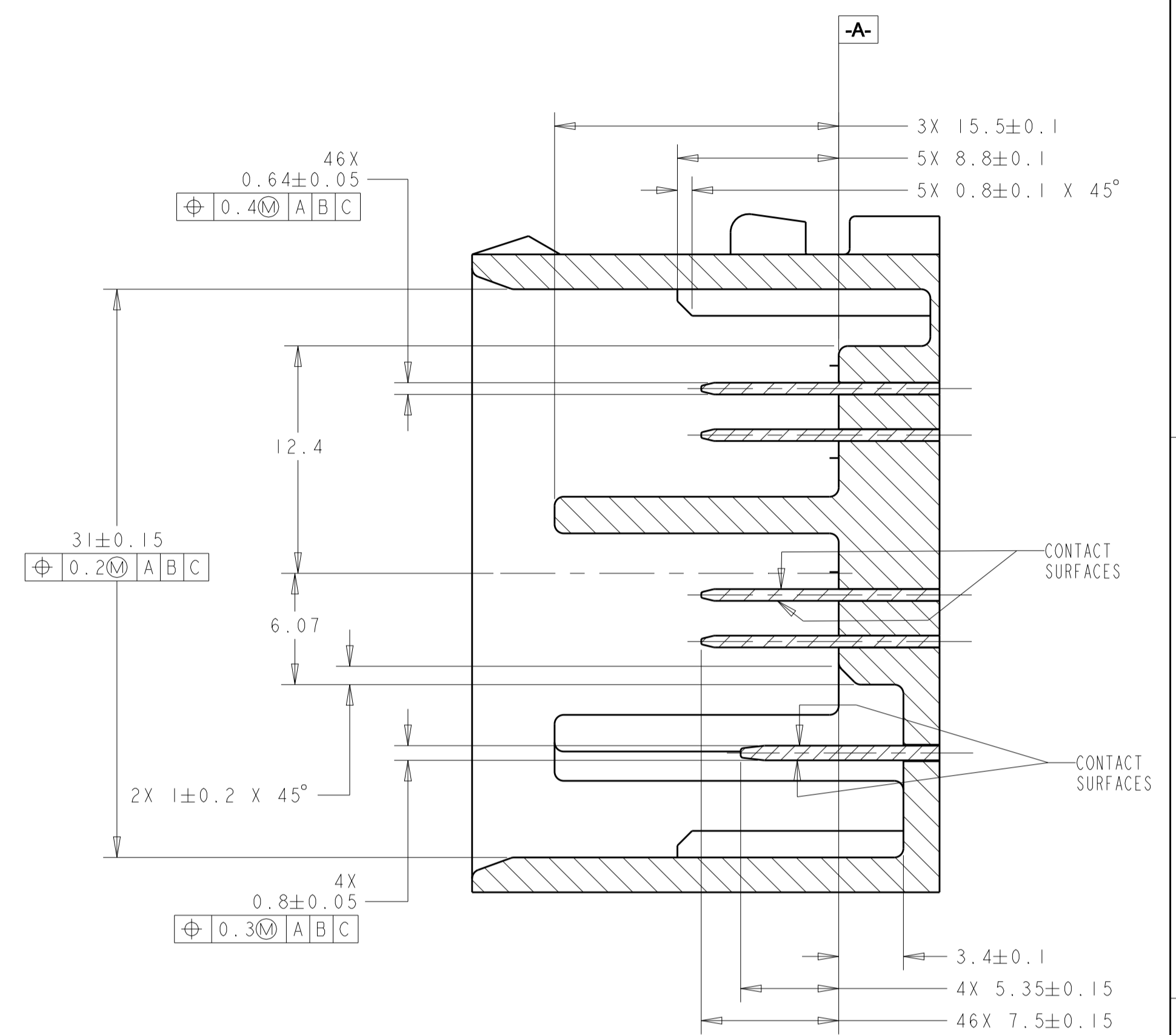
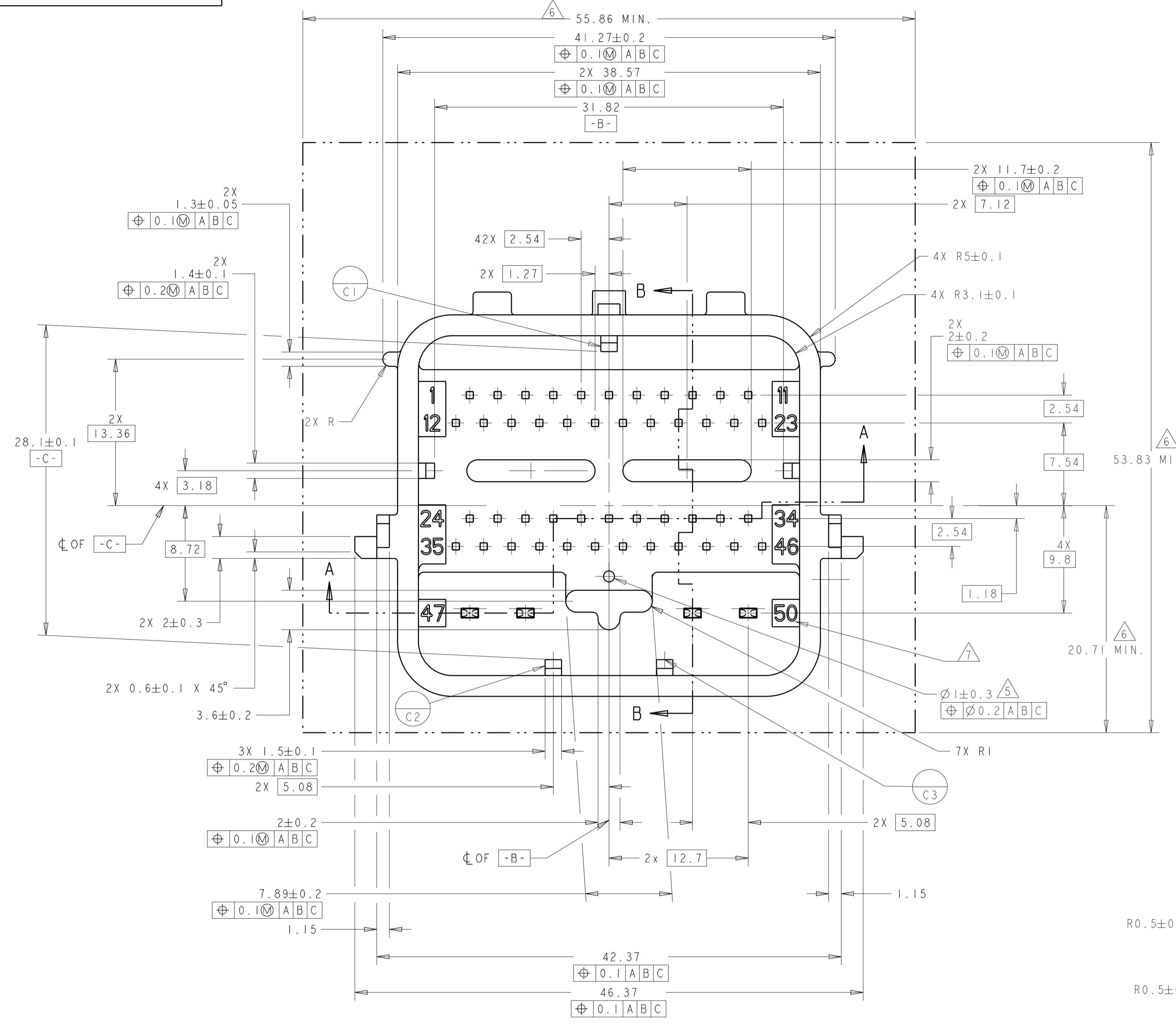
50-WAY HARNESS ASSEMBLY, PCM

SIZE: A100779 C=1438129 SCALE: 1:1 SHEET 6 OF 10

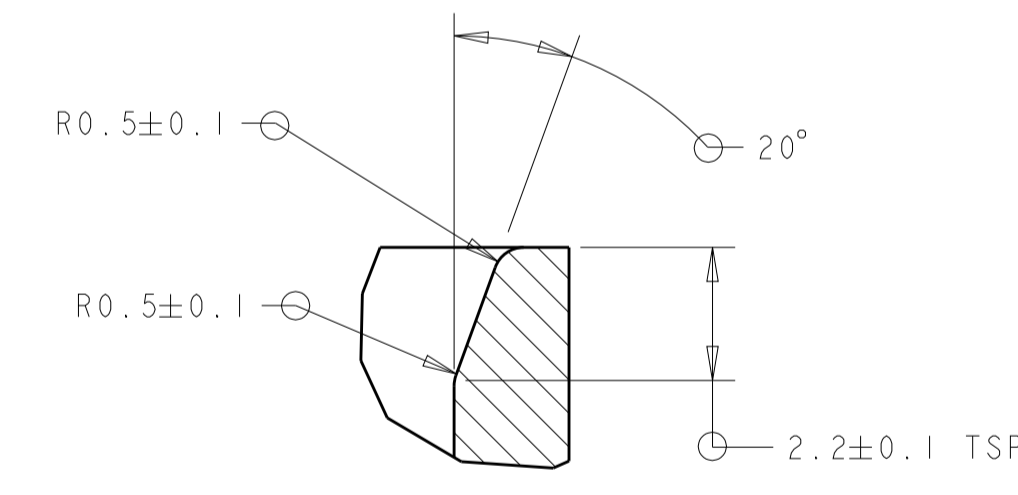
REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APPV.
-	-	SEE SHEET 1	-	-



SCALE 2:1

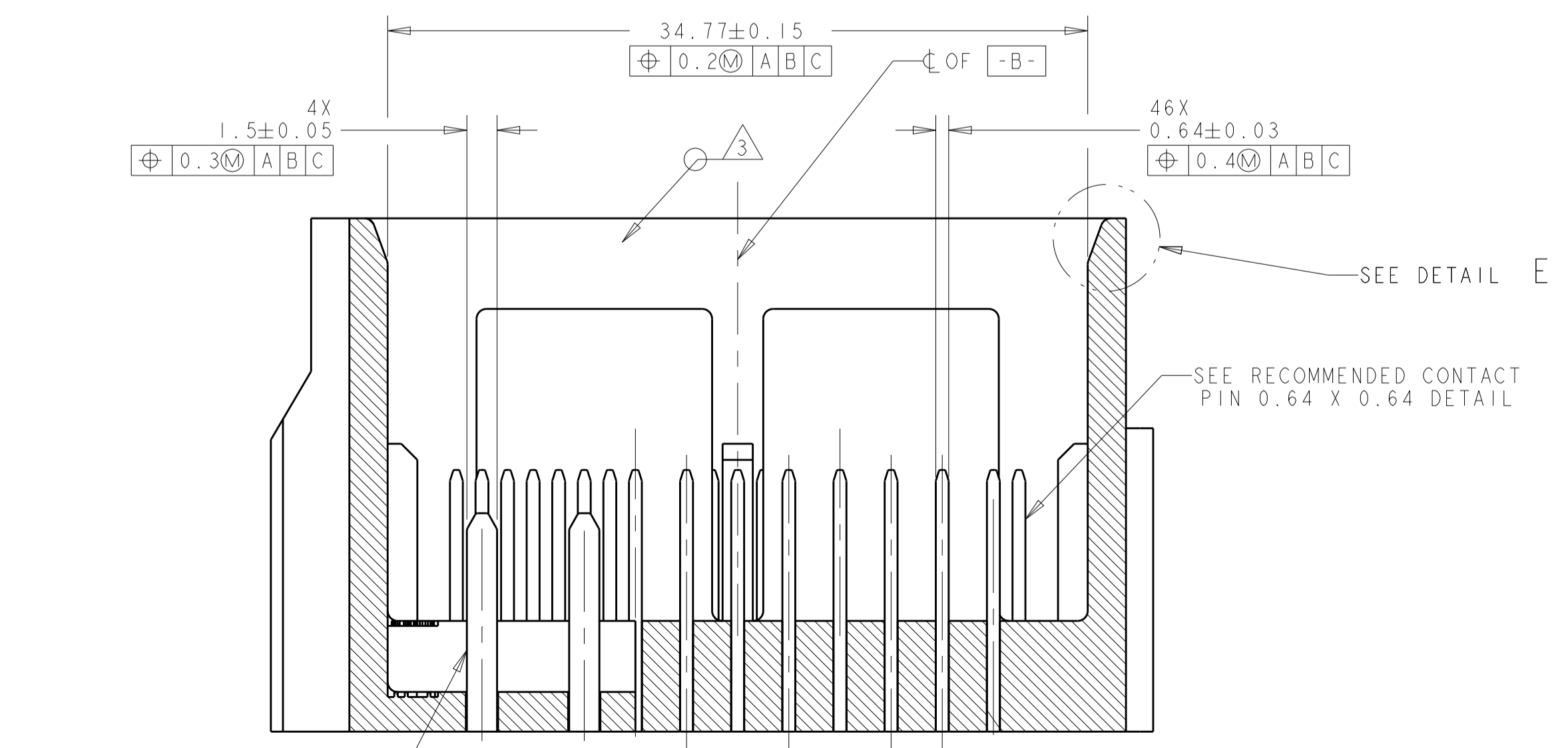


SECTION B-B



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 RADII 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-#

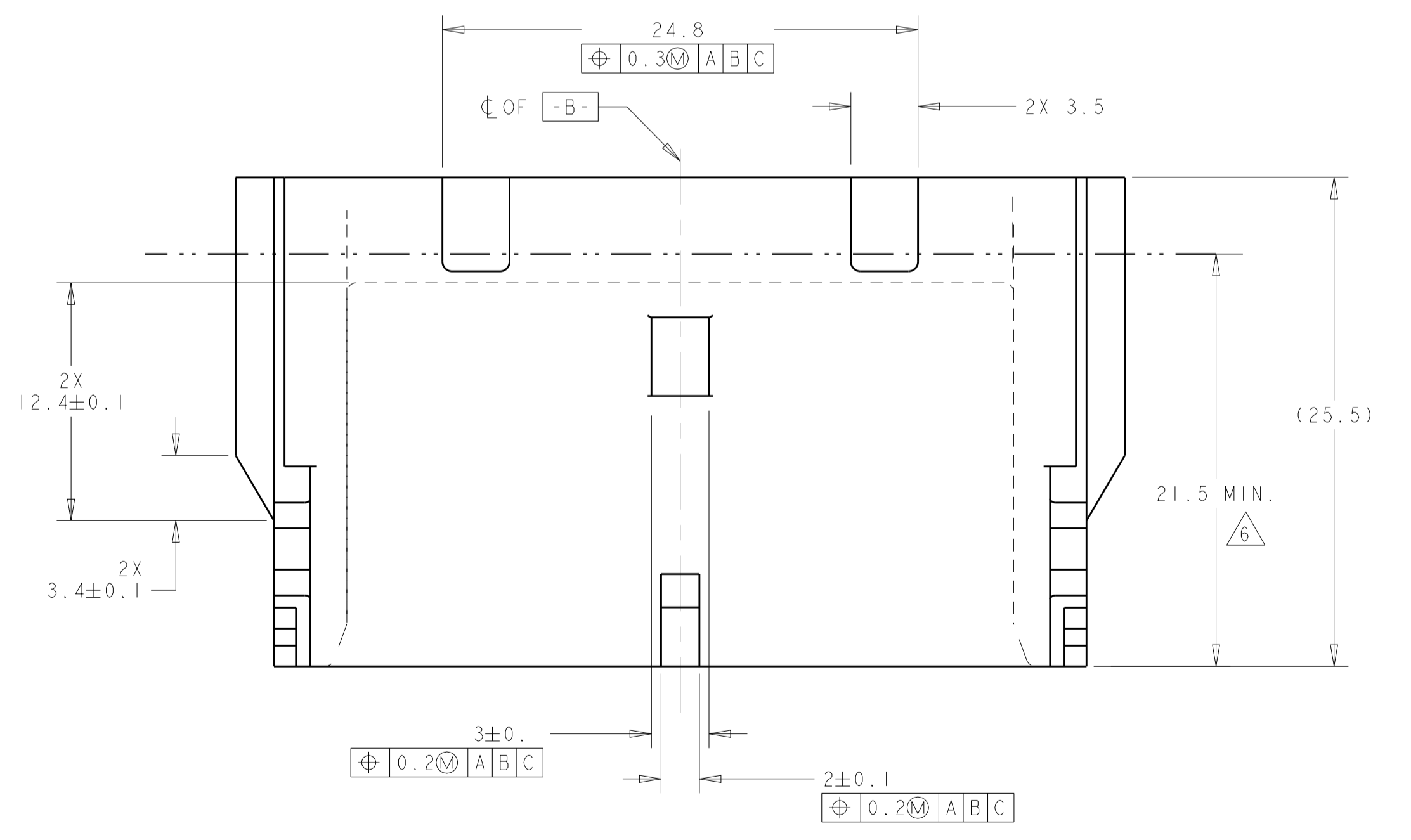
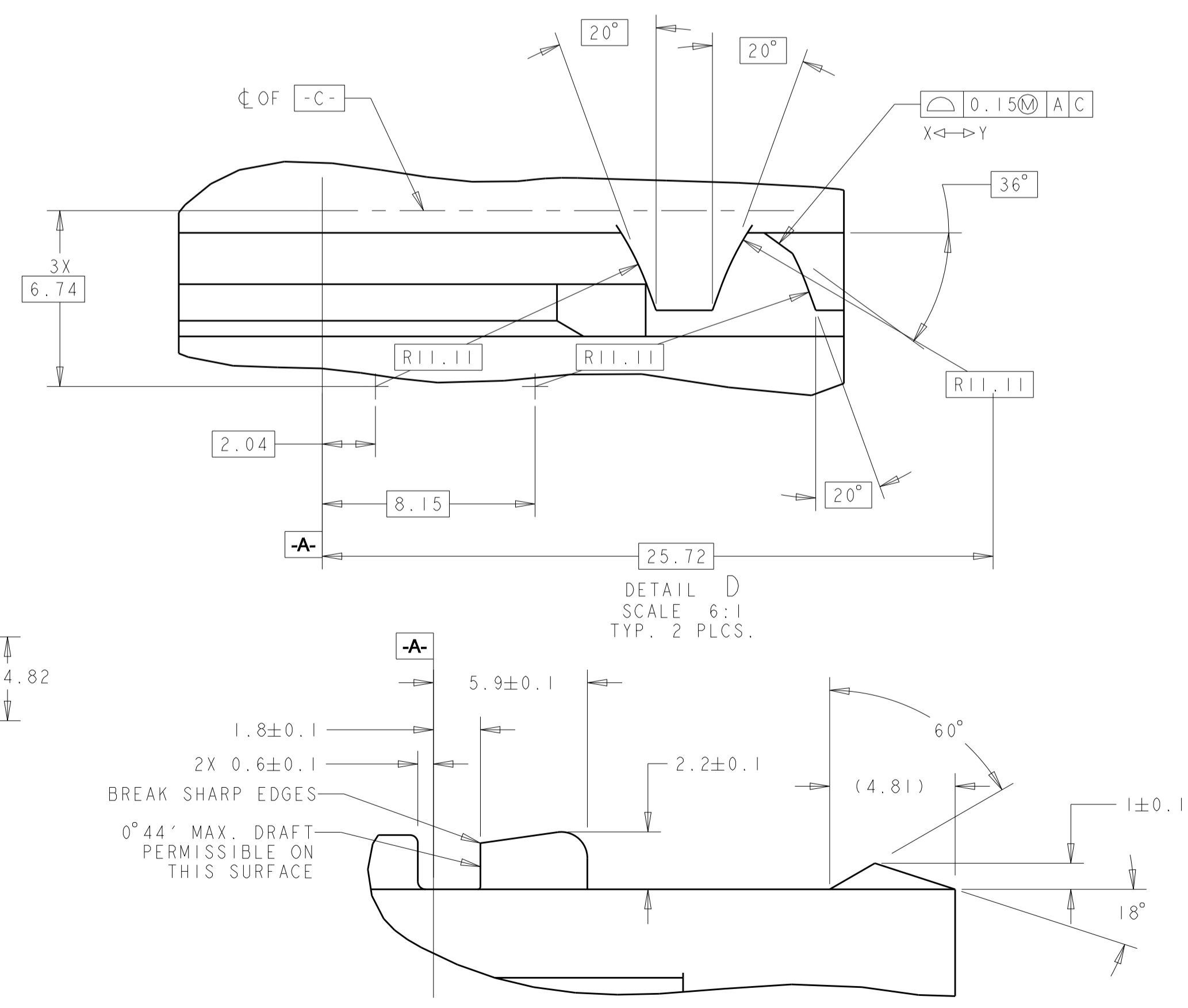
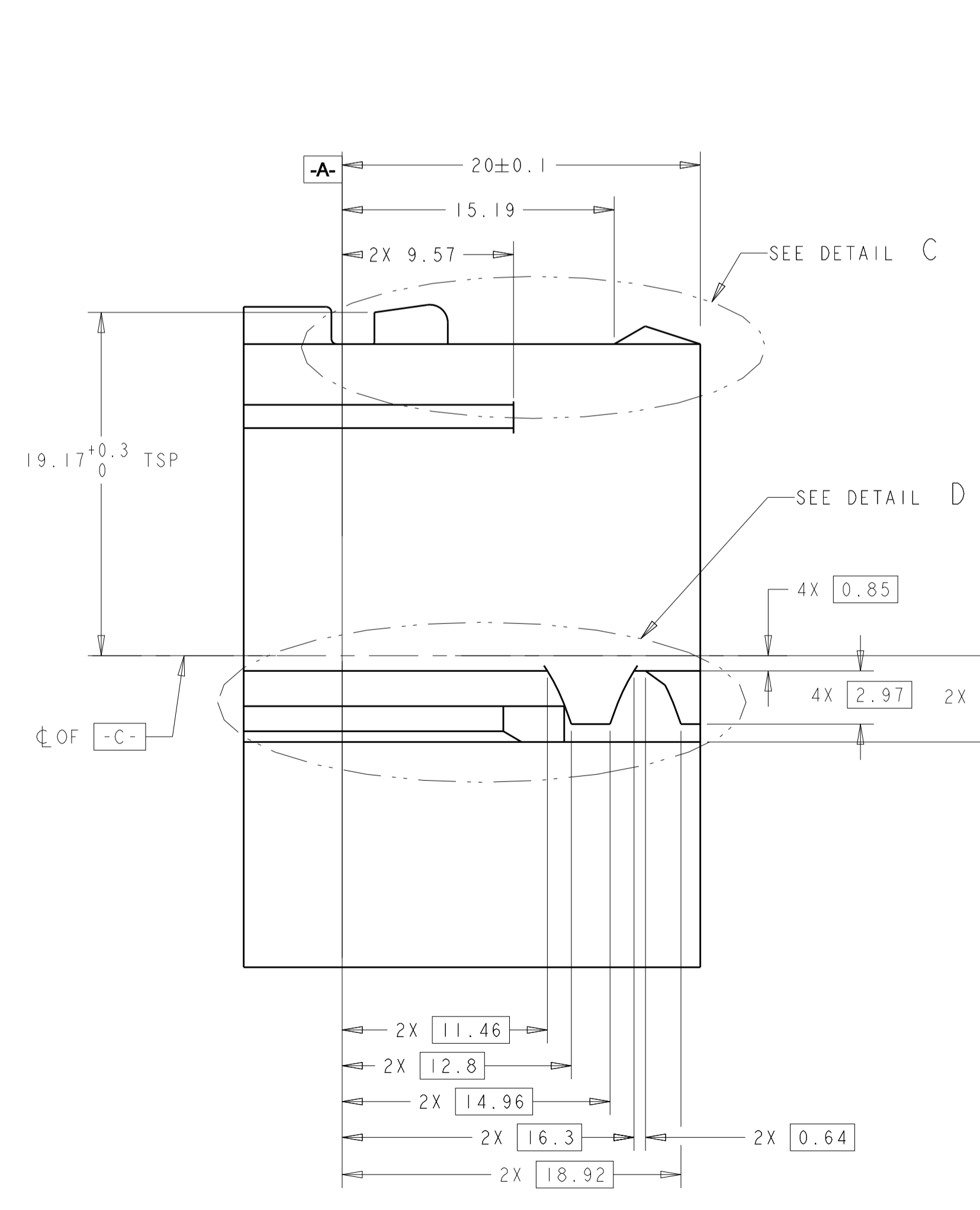
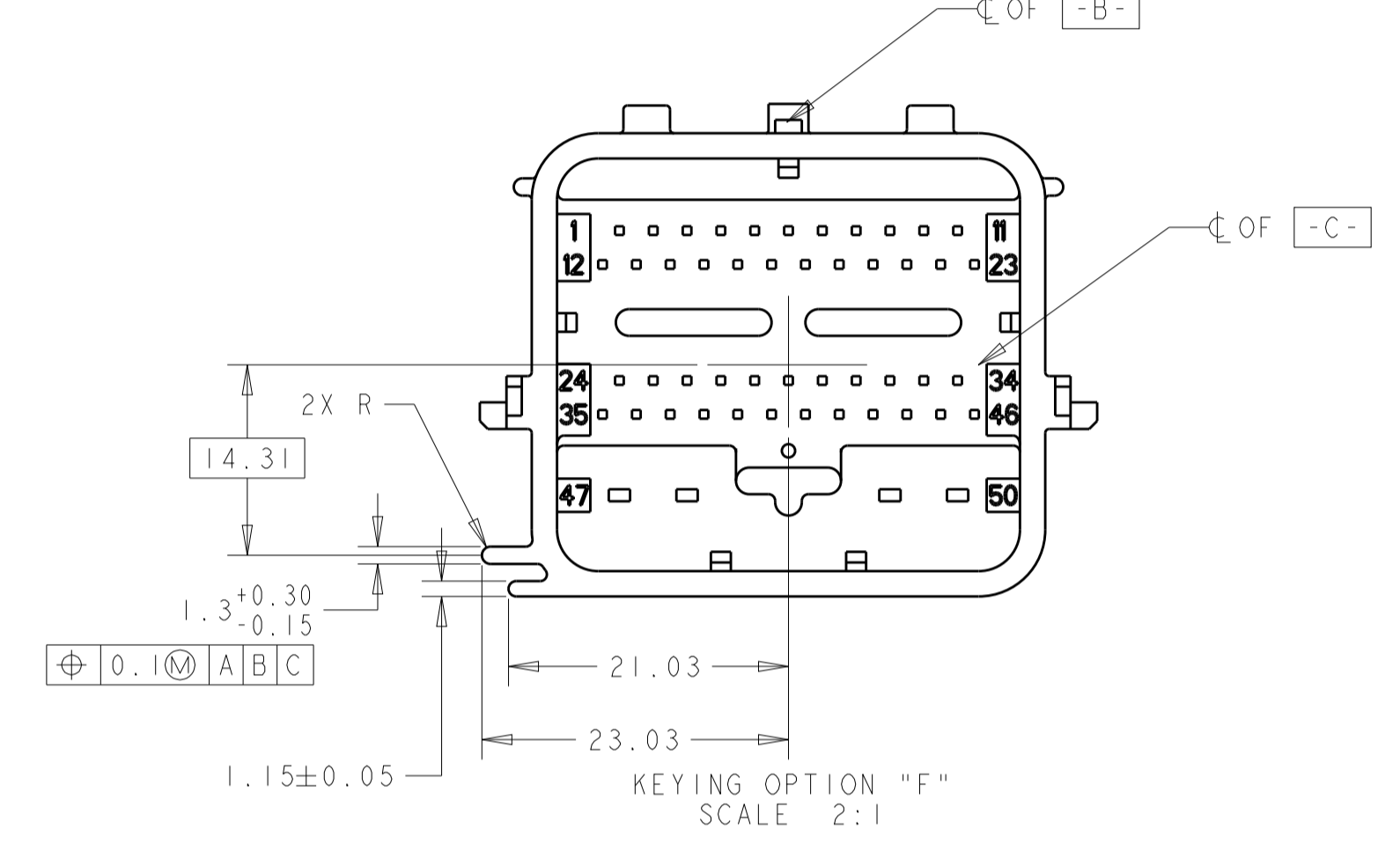
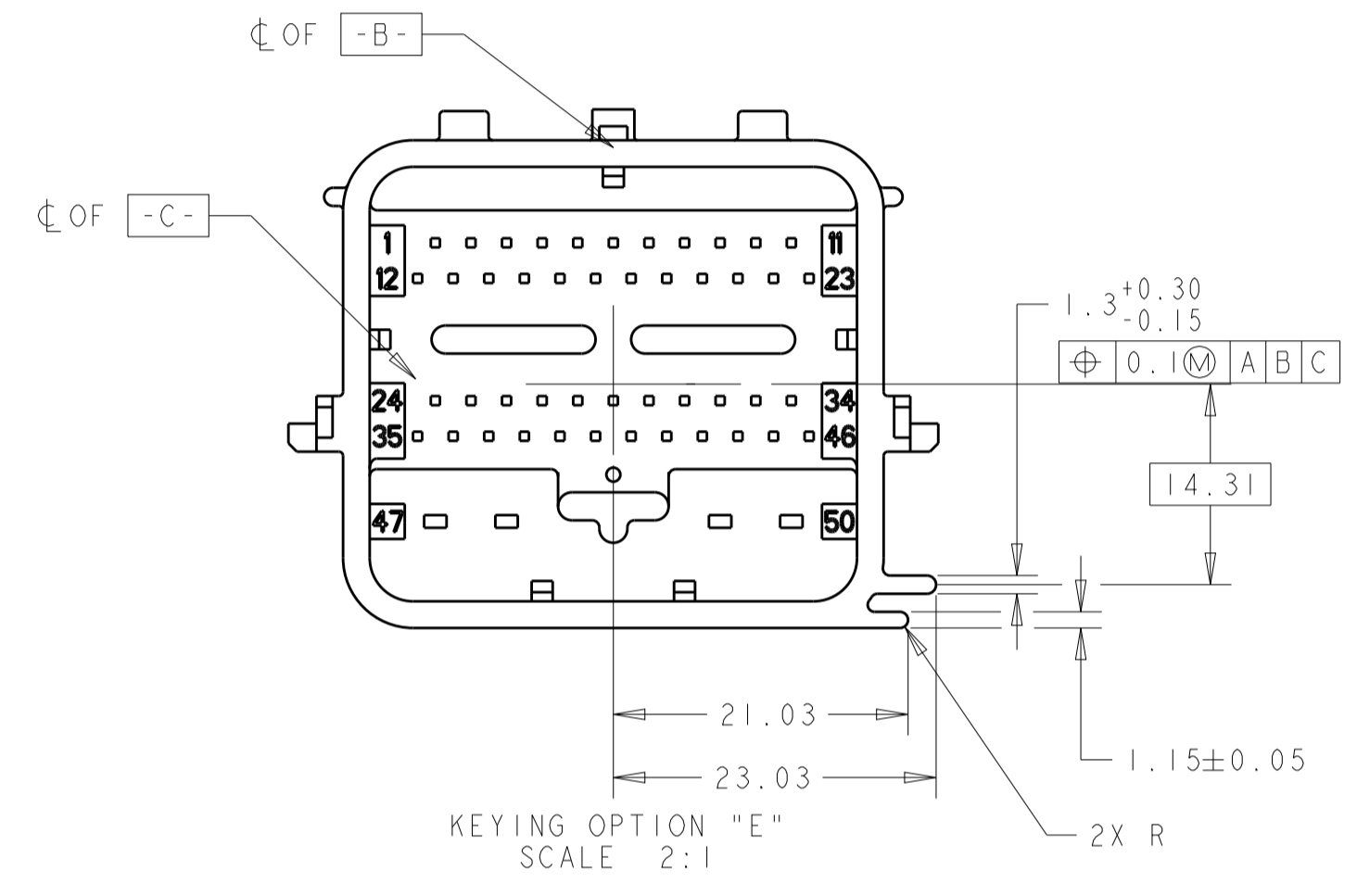
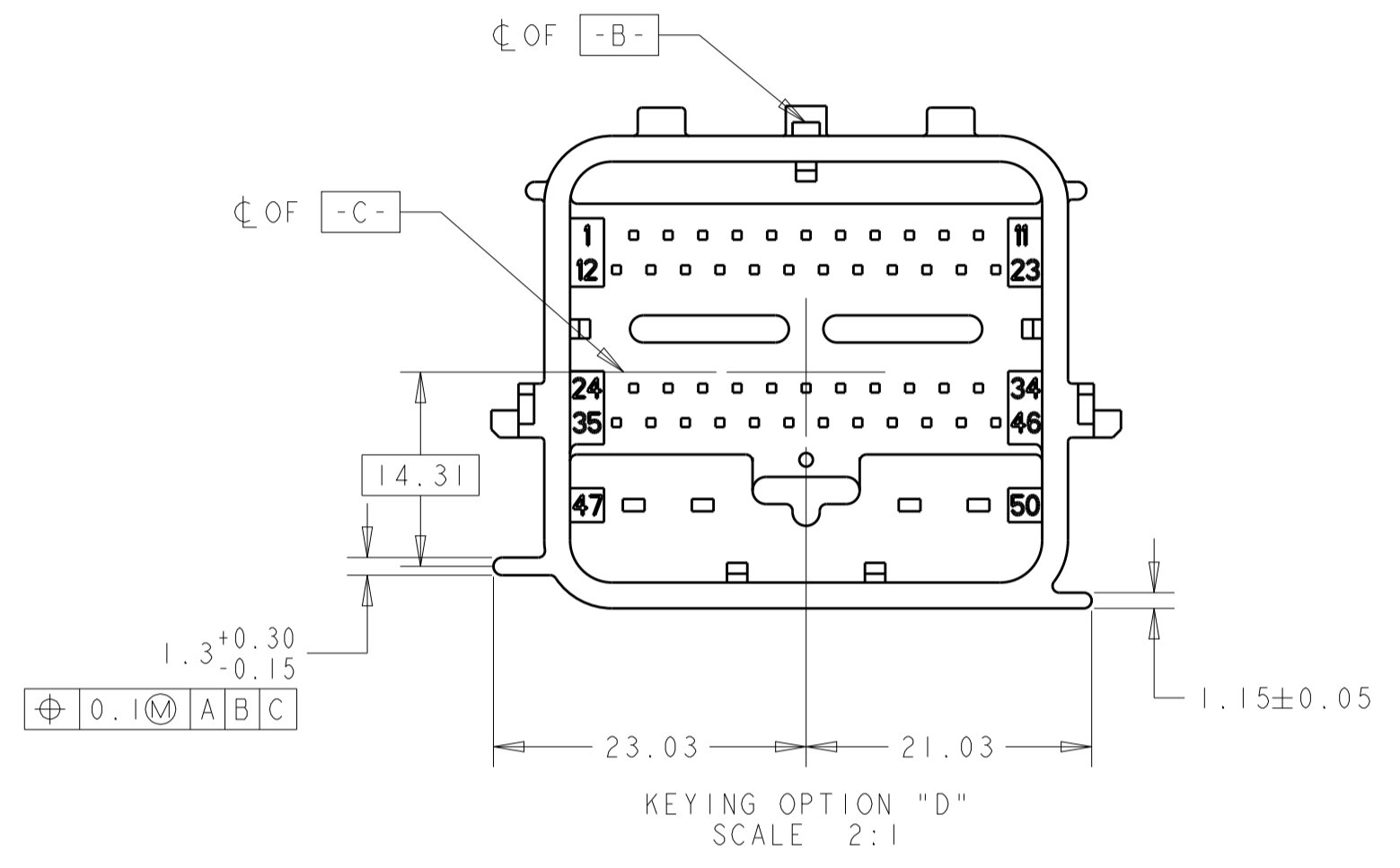
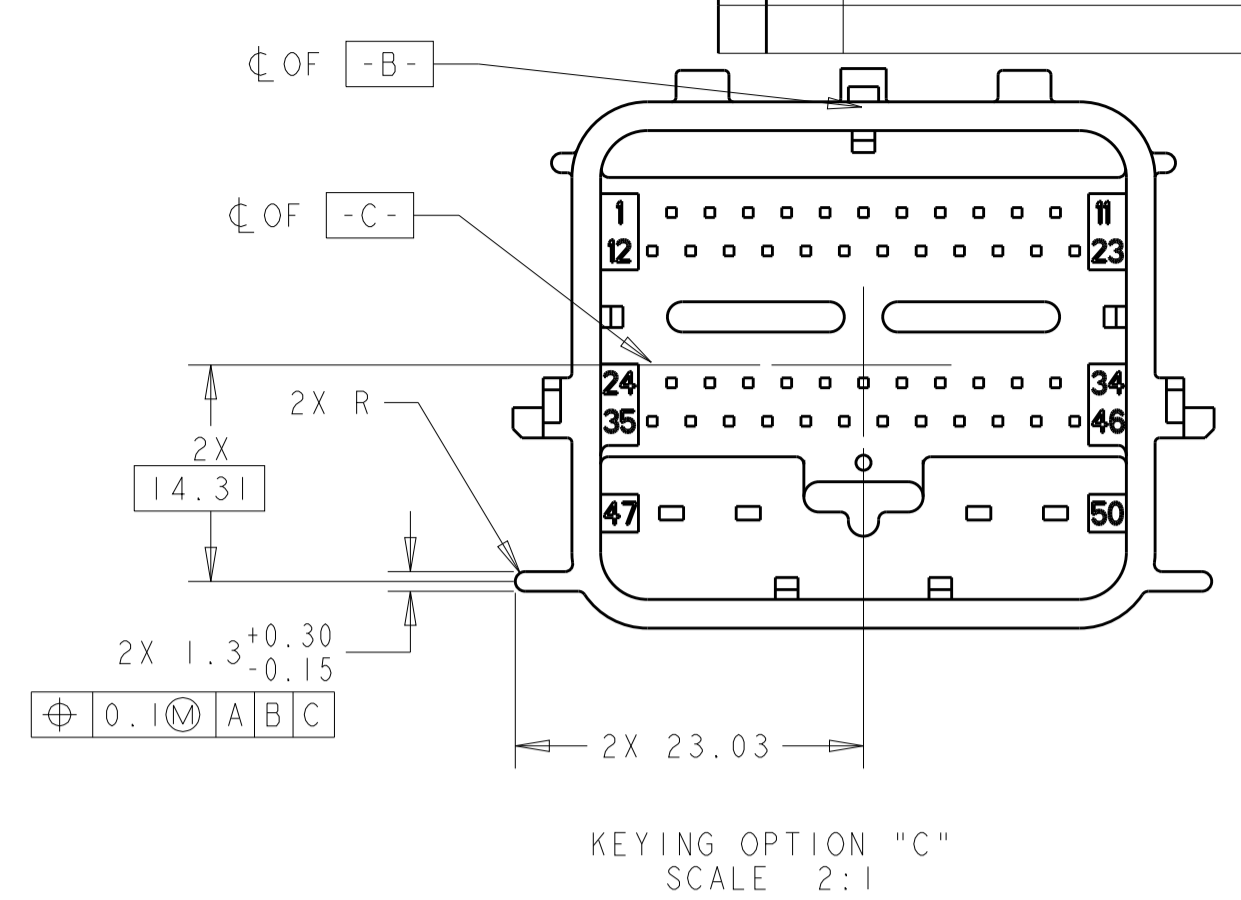
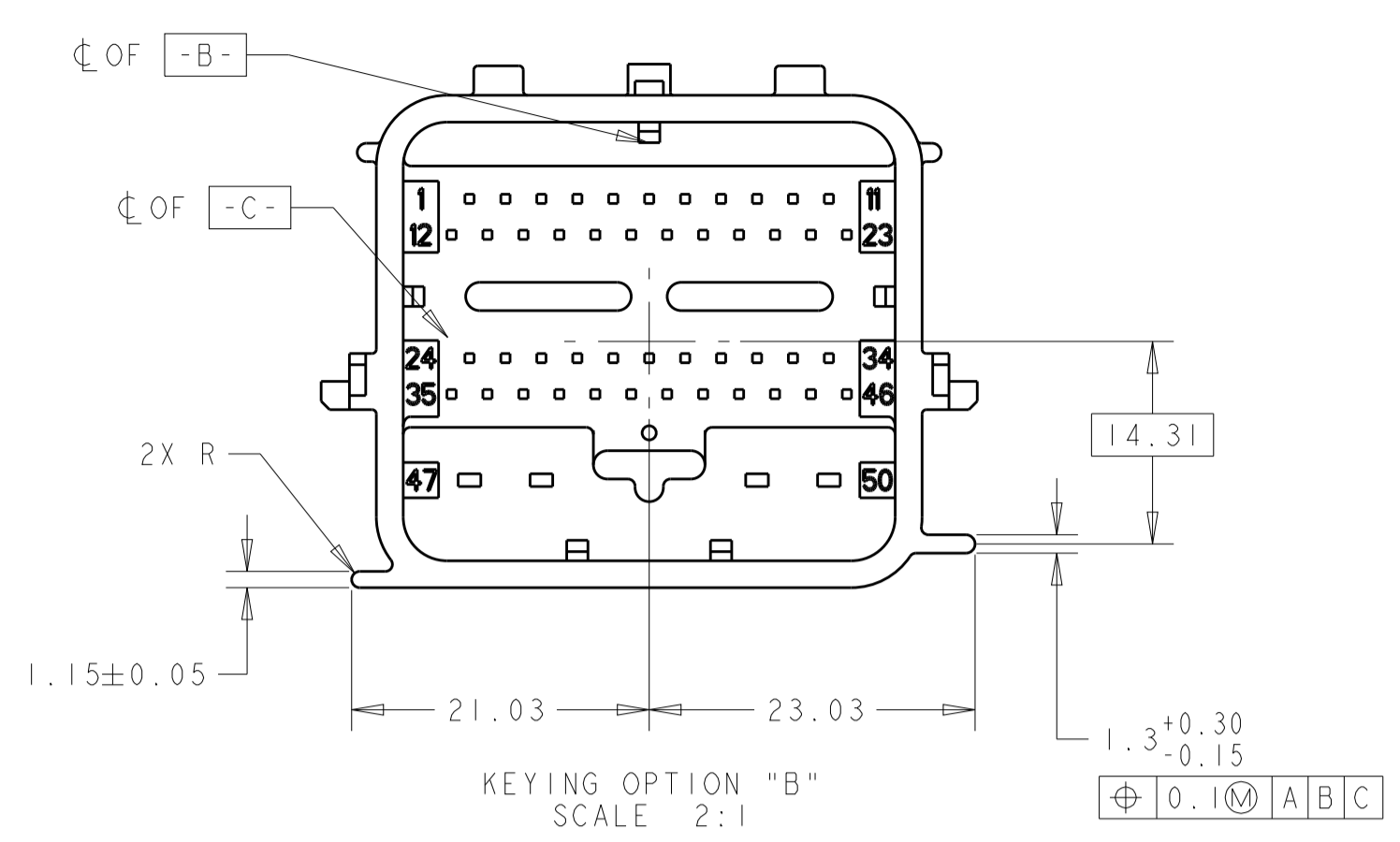
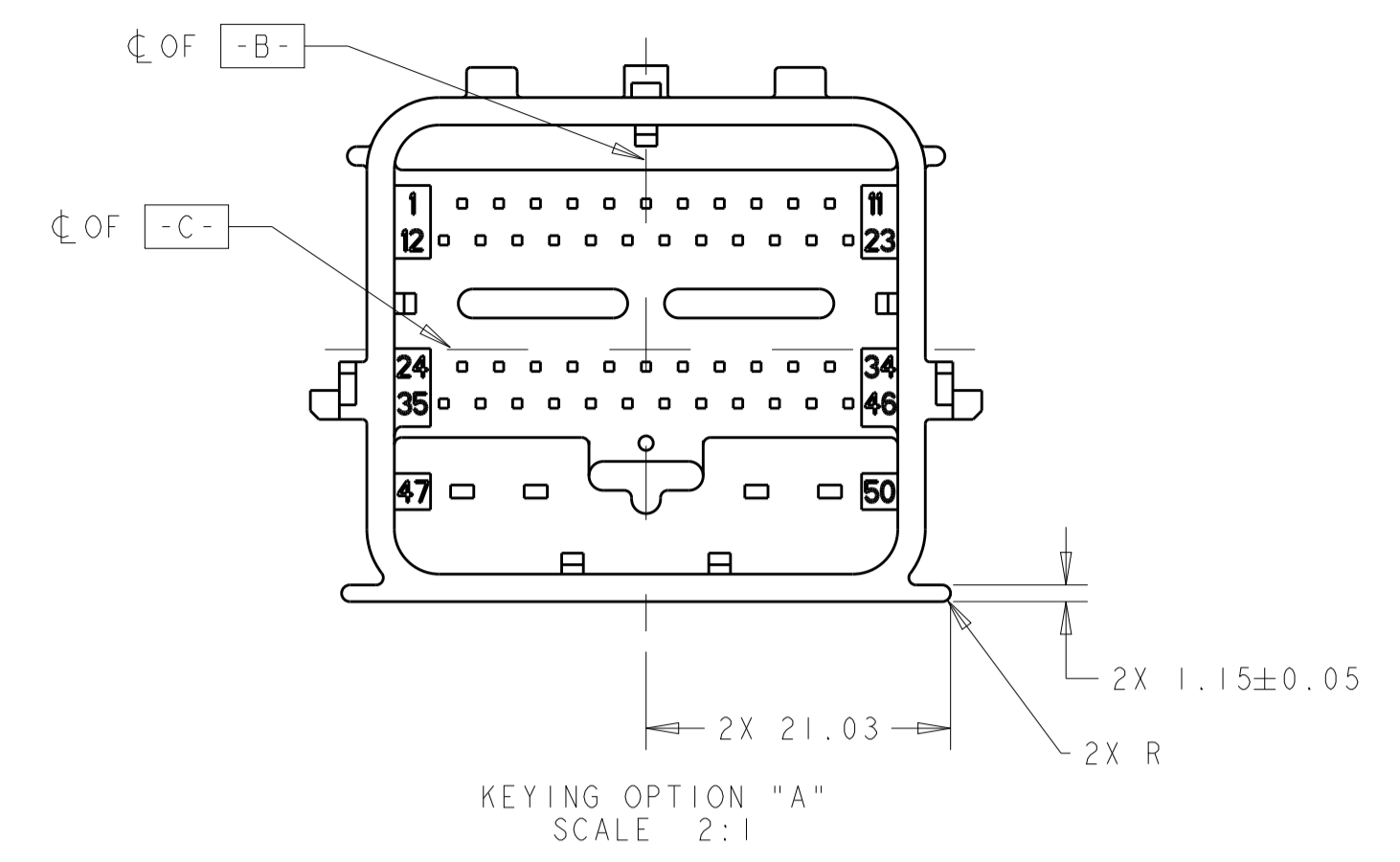


SECTION A-A

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: R. VESTAL 15APR2005	TE Connectivity										
DIMENSIONS: mm		CHK: T. VALASEK 15APR2005											
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: T. VALASEK 15APR2005	NAME: 50-WAY HARNESS ASSEMBLY, PCM										
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±0.3</td></tr> <tr><td>2 PLC</td><td>±0.10</td></tr> <tr><td>3 PLC</td><td>±</td></tr> <tr><td>4 PLC</td><td>±</td></tr> </table>		0 PLC	±	1 PLC	±0.3	2 PLC	±0.10	3 PLC	±	4 PLC	±	PRODUCT SPEC:	SIZE: CAGE CODE: DRAWING NO: A100779C=1438129
0 PLC	±												
1 PLC	±0.3												
2 PLC	±0.10												
3 PLC	±												
4 PLC	±												
MATERIAL: FINISH:		APPLICATION SPEC:	RESTRICTED TO: -										
CUSTOMER DRAWING		WEIGHT:	SCALE: 1:1 SHEET 9 OF 10 REV: F34										

HEADER INTERFACE KEYING OPTIONS

REVISIONS				
P.	LTN.	DESCRIPTION	DATE	OWN. APVD.
-	-	SEE SHEET 1	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN. R. VESTAL 15APR2005	TE Connectivity
DIMENSIONS: mm		CHK. T. VALASEK 15APR2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD. T. VALASEK 15APR2005	NAME 50-WAY HARNESS ASSEMBLY, PCM
0 PLC ±	1 PLC ±0.3	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO. RESTRICTED TO
2 PLC ±0.10	3 PLC ±	APPLICATION SPEC	A100779C=1438129
4 PLC ±	ANGLES ±	WEIGHT	SHEET 10 OF 10
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE 1:1

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