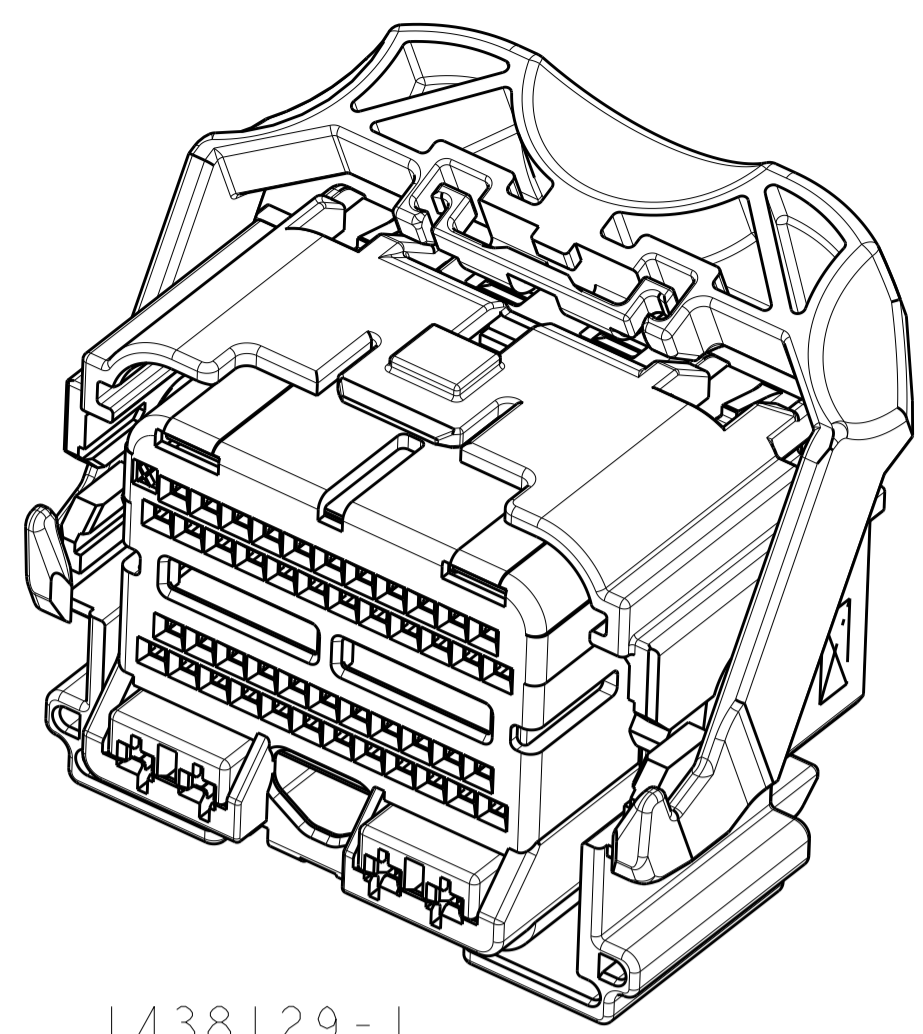
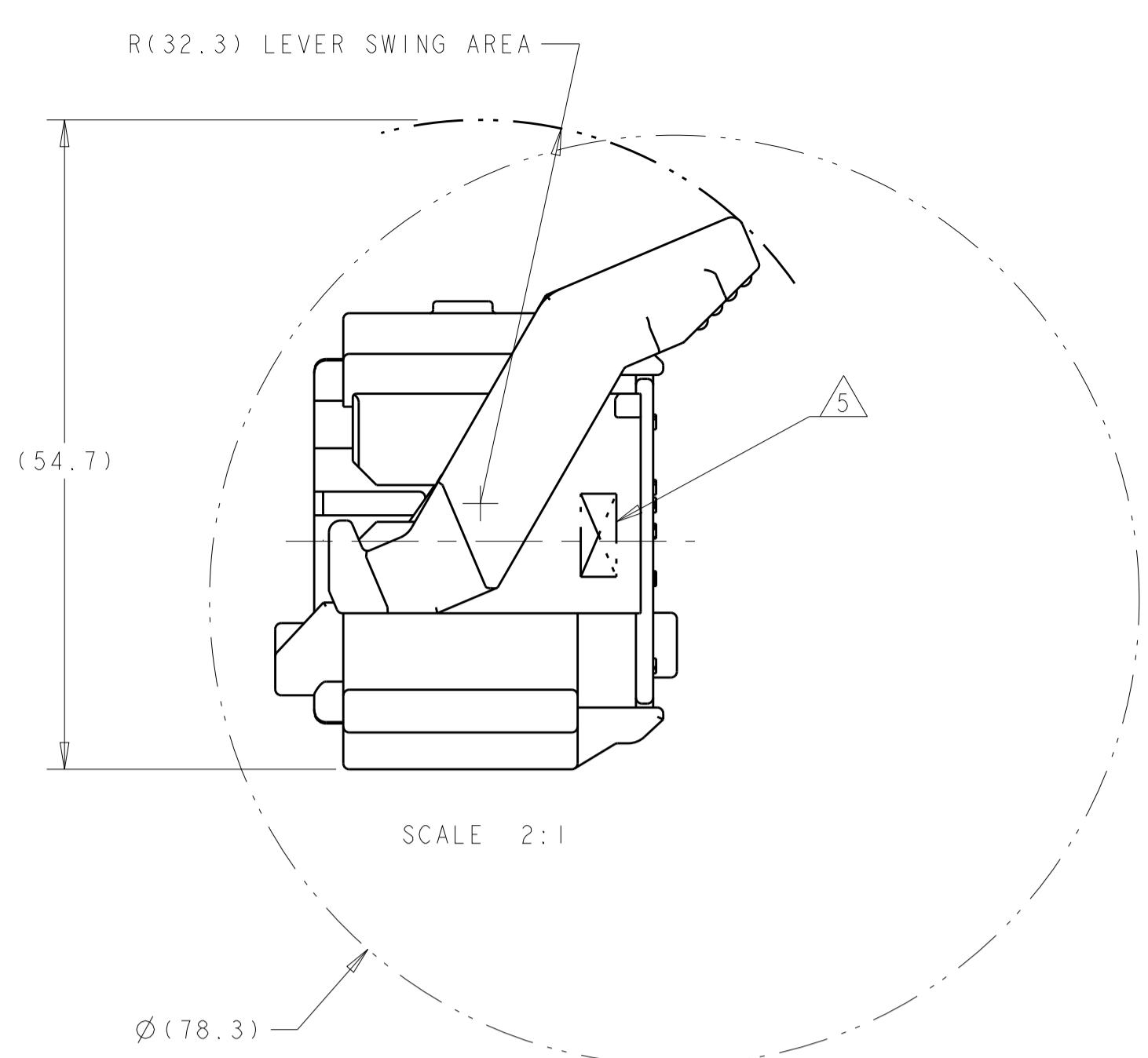
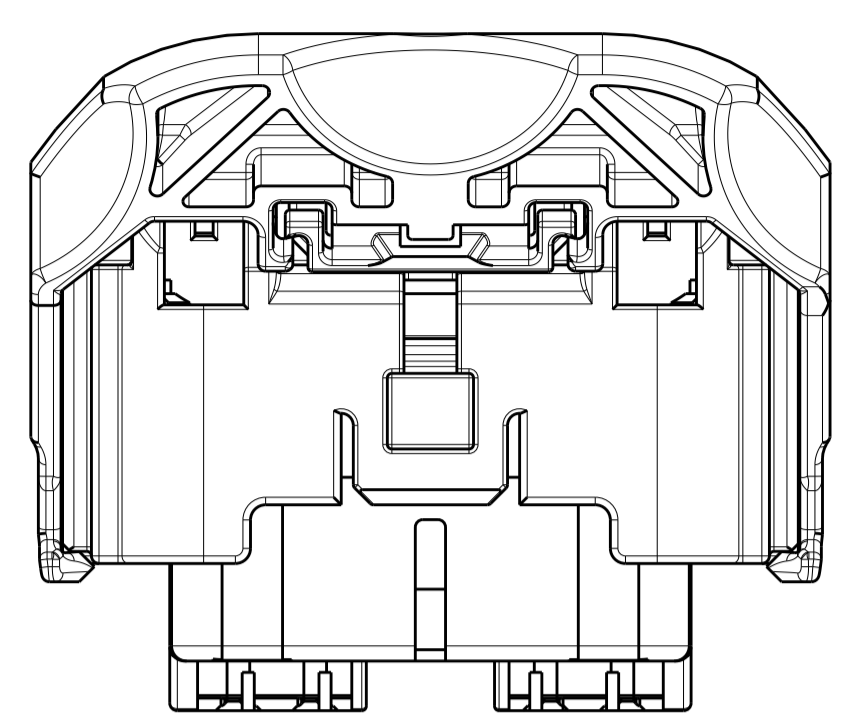


REVISIONS					
P.	LTN.	DESCRIPTION	DATE	DWN.	APVD.
F32		REVISED PER ECO-16-003418	08MAR2016	DLD	DCM
F33		REVISED PER ECO-16-018427	25JAN2017	DLD	DCM
F34		REVISED PER ECO-17-007768	30MAY2017	DLD	DCM
F35		REVISED PER ECO-17-014872	24OCT2017	JMS	CM



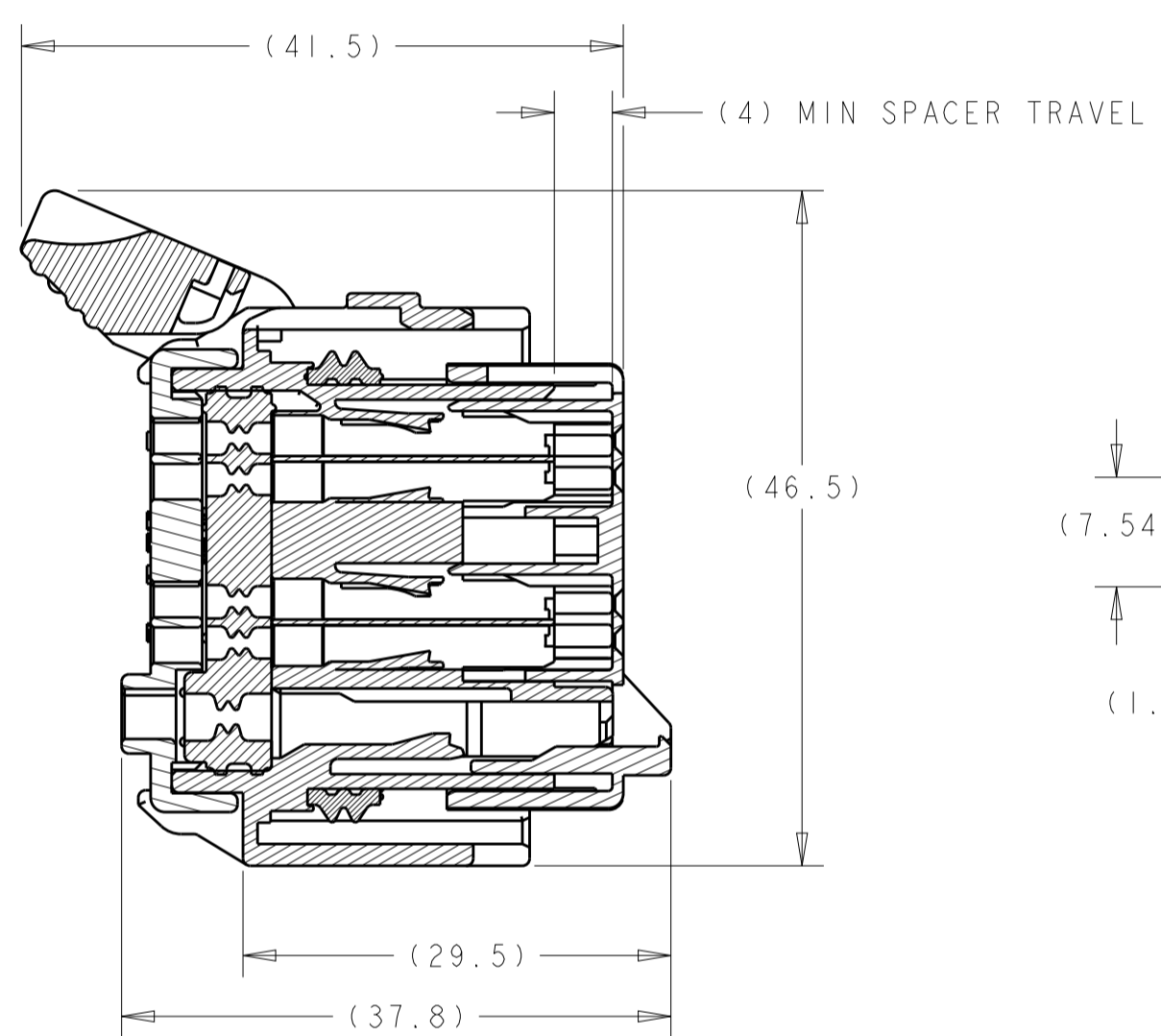
1438129-1
SHOWN WITH SPACER
IN SEATED POSITION



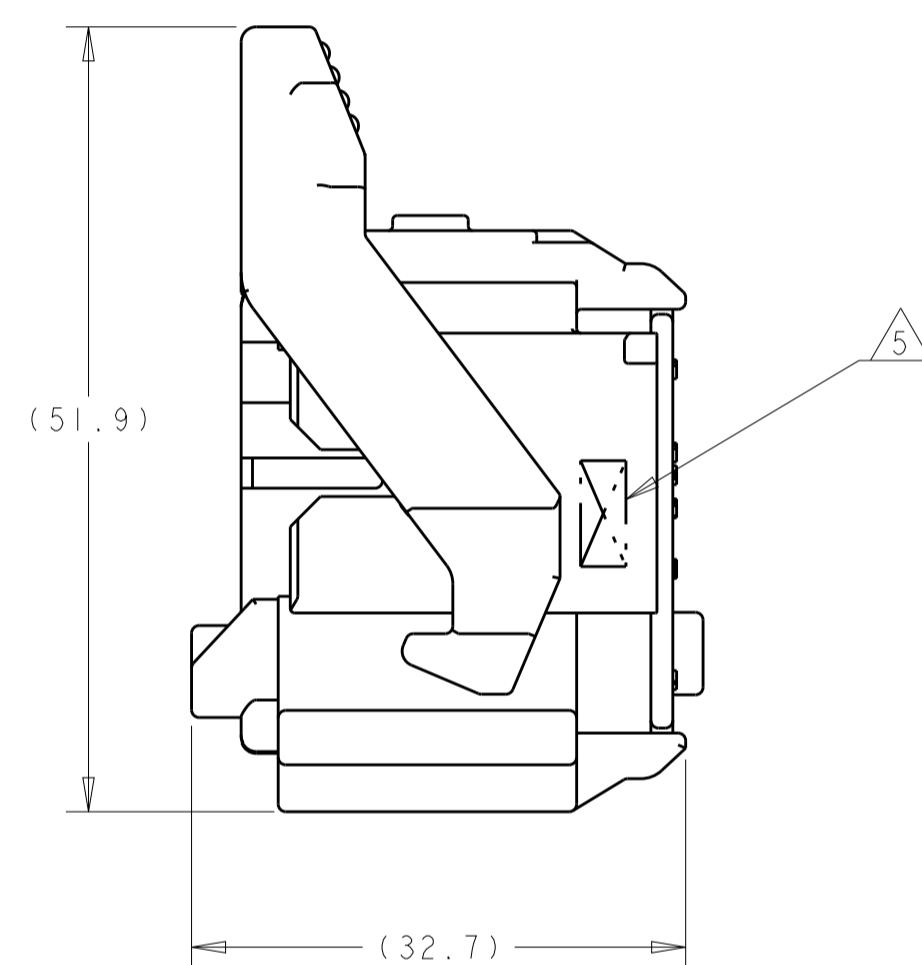
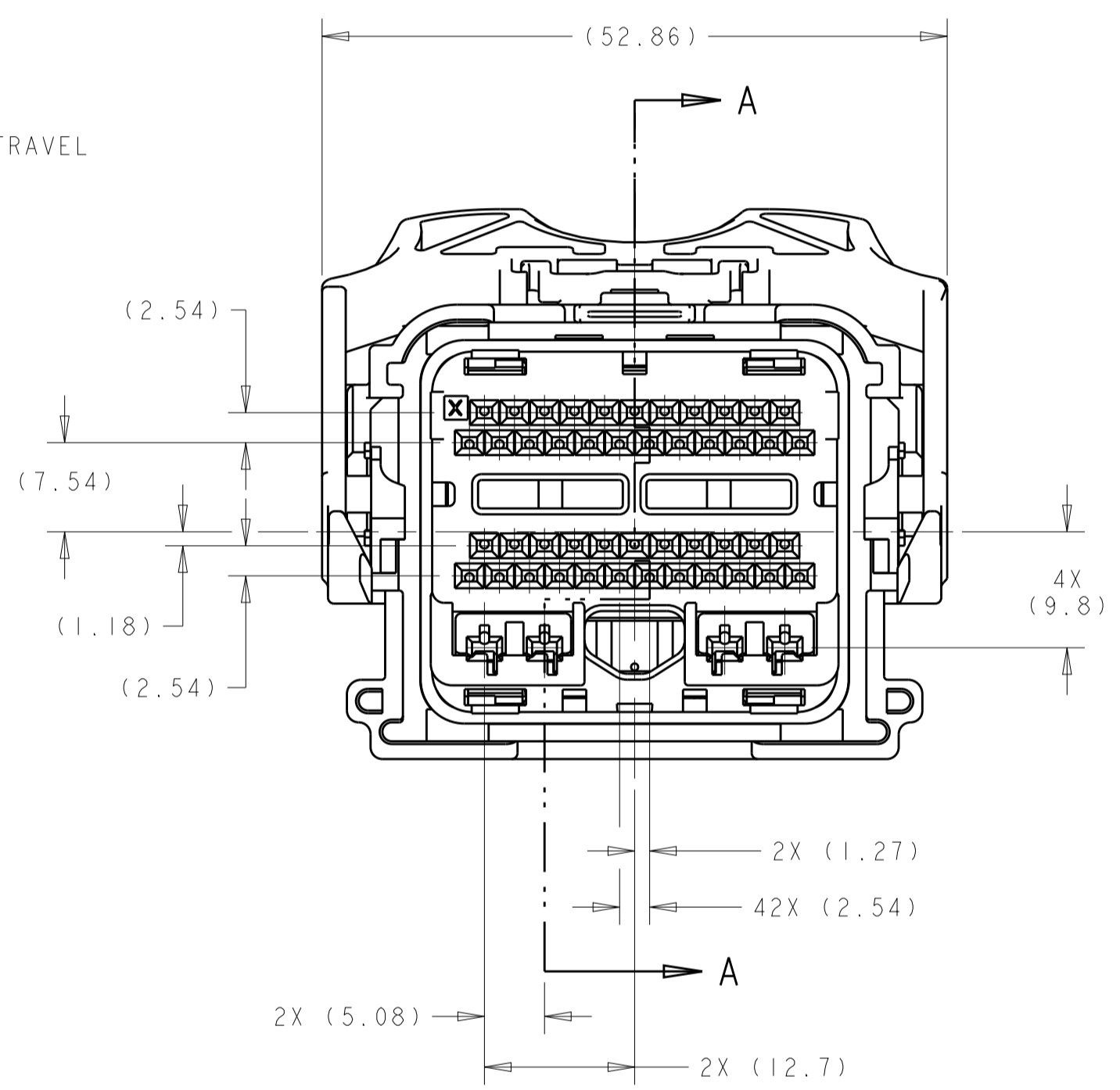
SCALE 2:1

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

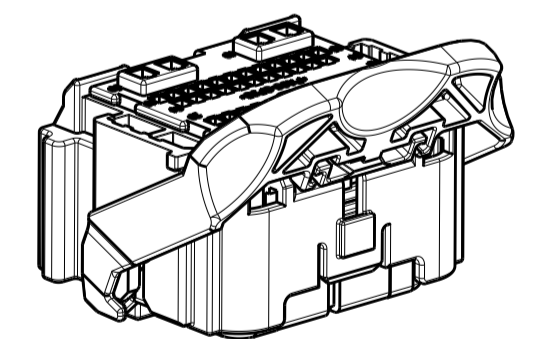
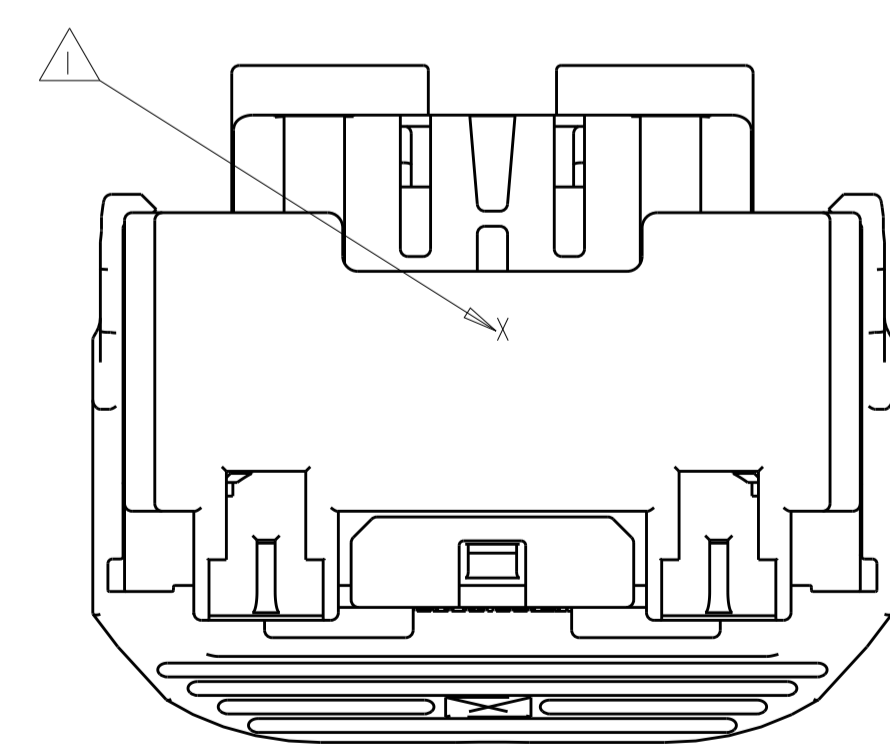
- PRINT PART NUMBER (5S4T-14A464-L*-***, 5S4T-14A464-M*-***, 5S4T-14A464-N*-***) AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE IN THE LOCATION AT ASSEMBLY. SEE SHEET 3 THRU 7 (-*) PART NUMBERS.
 - APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS:
33012-0002 TIN 0.50-1.50mm²
 - CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
 - REFERENCE TO CONNECTIVITY INSTRUCTION SHEET 408-8893.
- 5 COMPANY LOGO.



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



SHOWN WITH CAM
LEVER AND SPACER
IN LOADED POSITION



SCALE 1:1

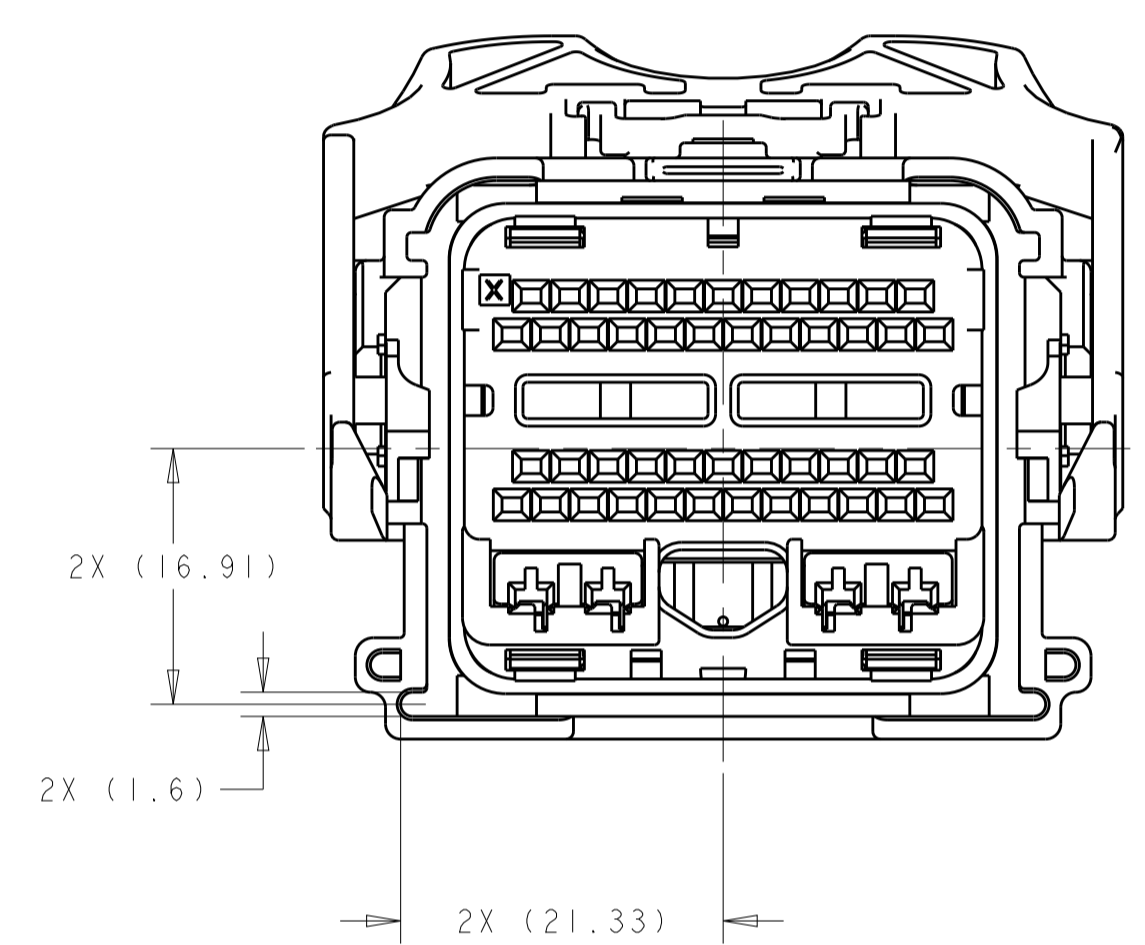
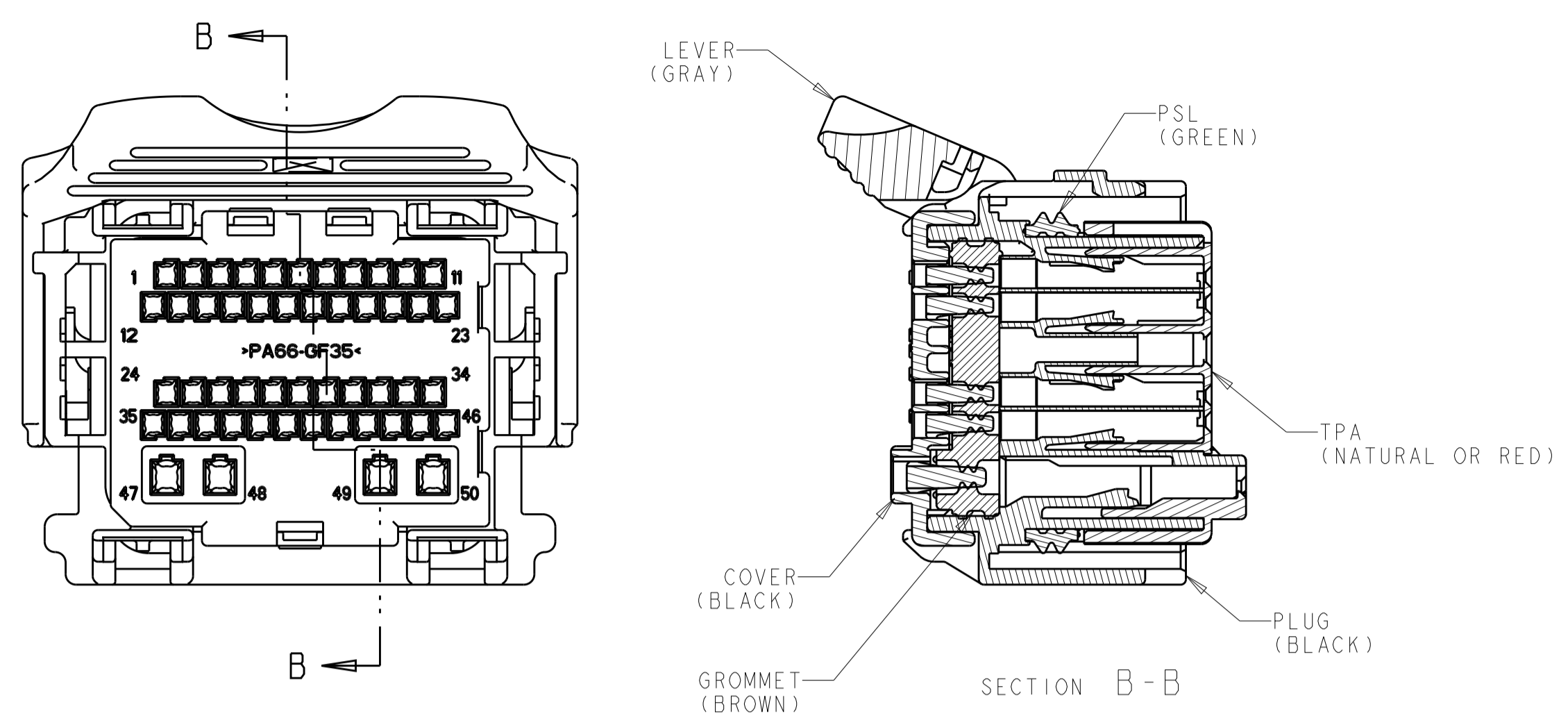
APPLICABLE COMPONENTS (FOR REFERENCE ONLY)						
DESCRIPTION	NOMINAL TERMINAL SIZE	COLOR/PLATING	FORD COMPONENT PART NUMBER	SUPPLIER PART NUMBER	MATERIAL/SPECIFICATION NUMBER	SAE WIRE SIZE
TERMINAL - FEMALE (Ag)	0.64 (CAT. 0)	SILVER	7S4T-14474-AA	I393366-2	COPPER ALLOY/SILVER PLATE	20AWG
						18AWG
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

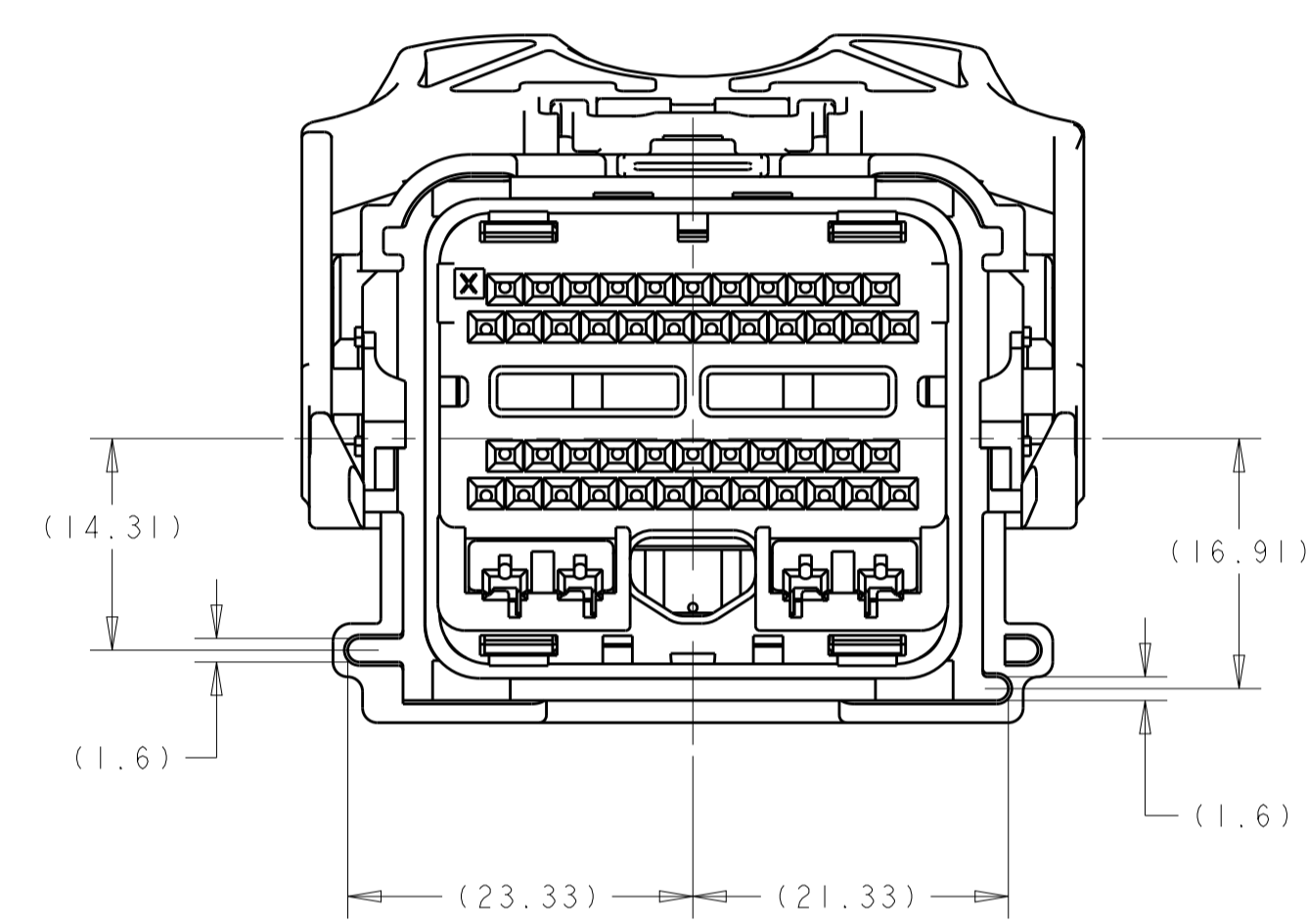
SEE TABLES
SHEETS 3 THRU 7
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. VESTAL 15APR2005	
DIMENSIONS: mm		CHK: T. VALASEK 15APR2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: T. VALASEK 15APR2005	NAME: 50-WAY HARNESS ASSEMBLY, PCM
0 PLC ±0.3 1 PLC ±0.10 2 PLC ±0.10 3 PLC ±0.10 4 PLC ±0.10 ANGLES ±1°		PRODUCT SPEC: -	APPLICATION SPEC: -
MATERIAL: -		WEIGHT: -	RESTRICTED TO: -
FINISH: -		CUSTOMER DRAWING: -	SCALE: 1:1 SHEET 1 OF 10 REV: F35

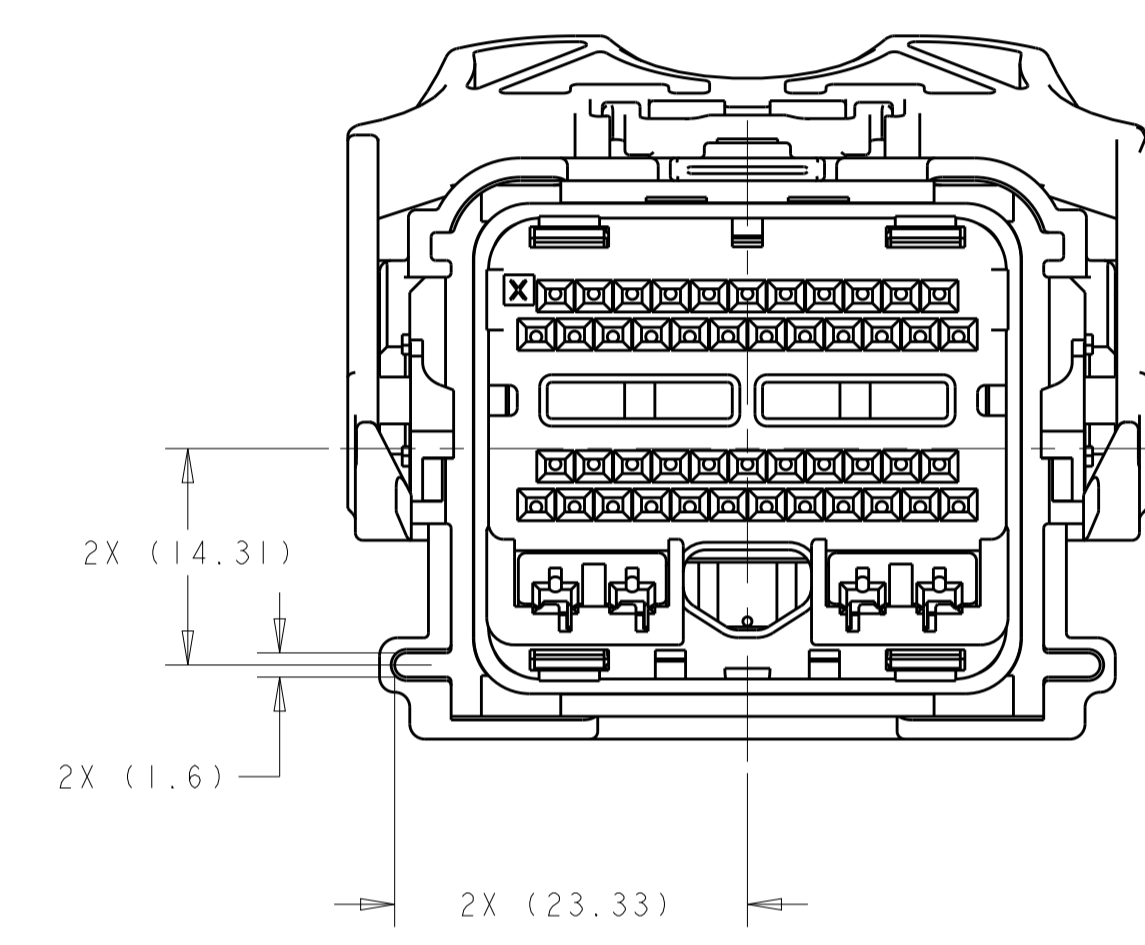
REVISIONS				
P.	LTH	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



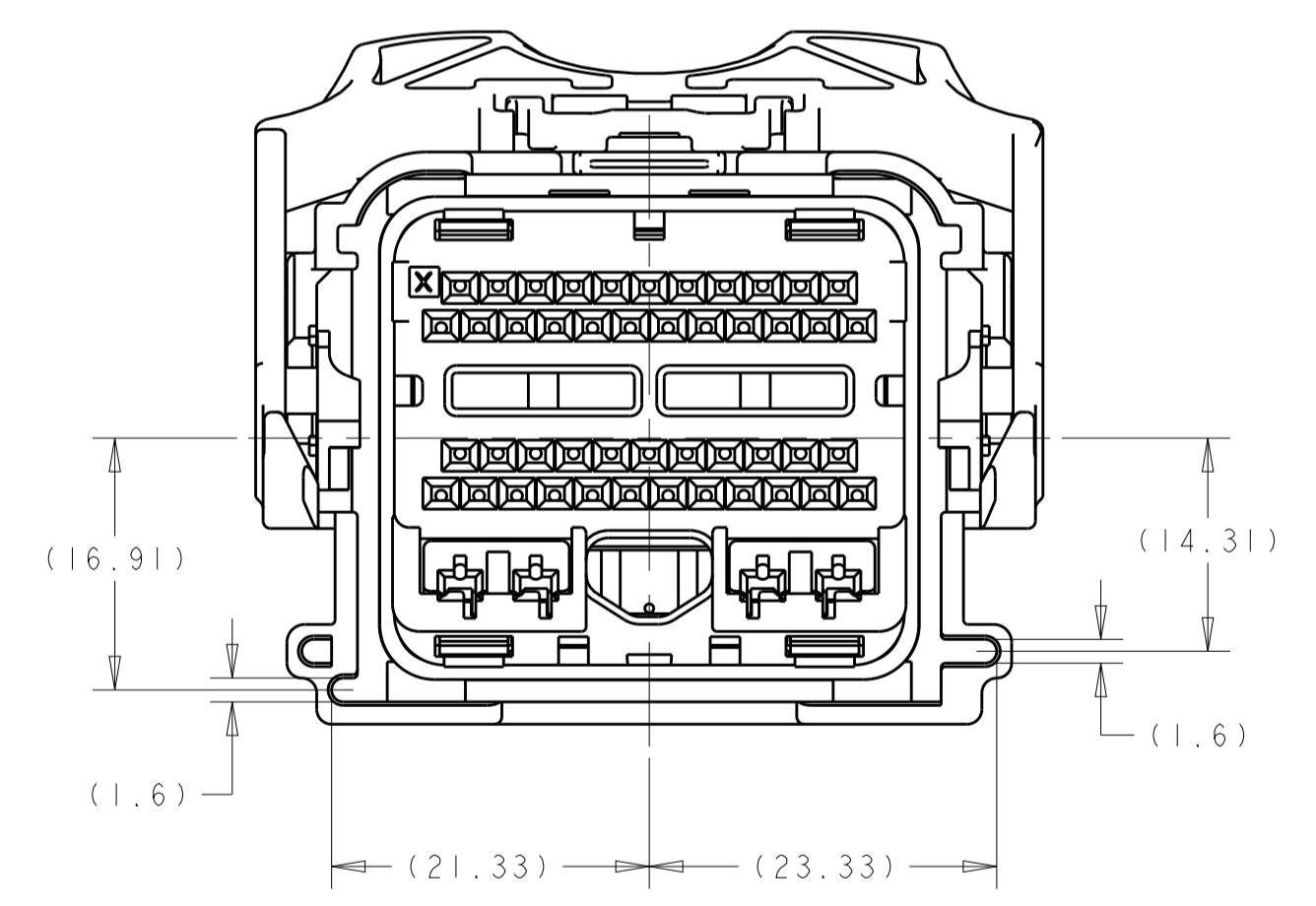
1438129-1
KEYING OPTION "A"



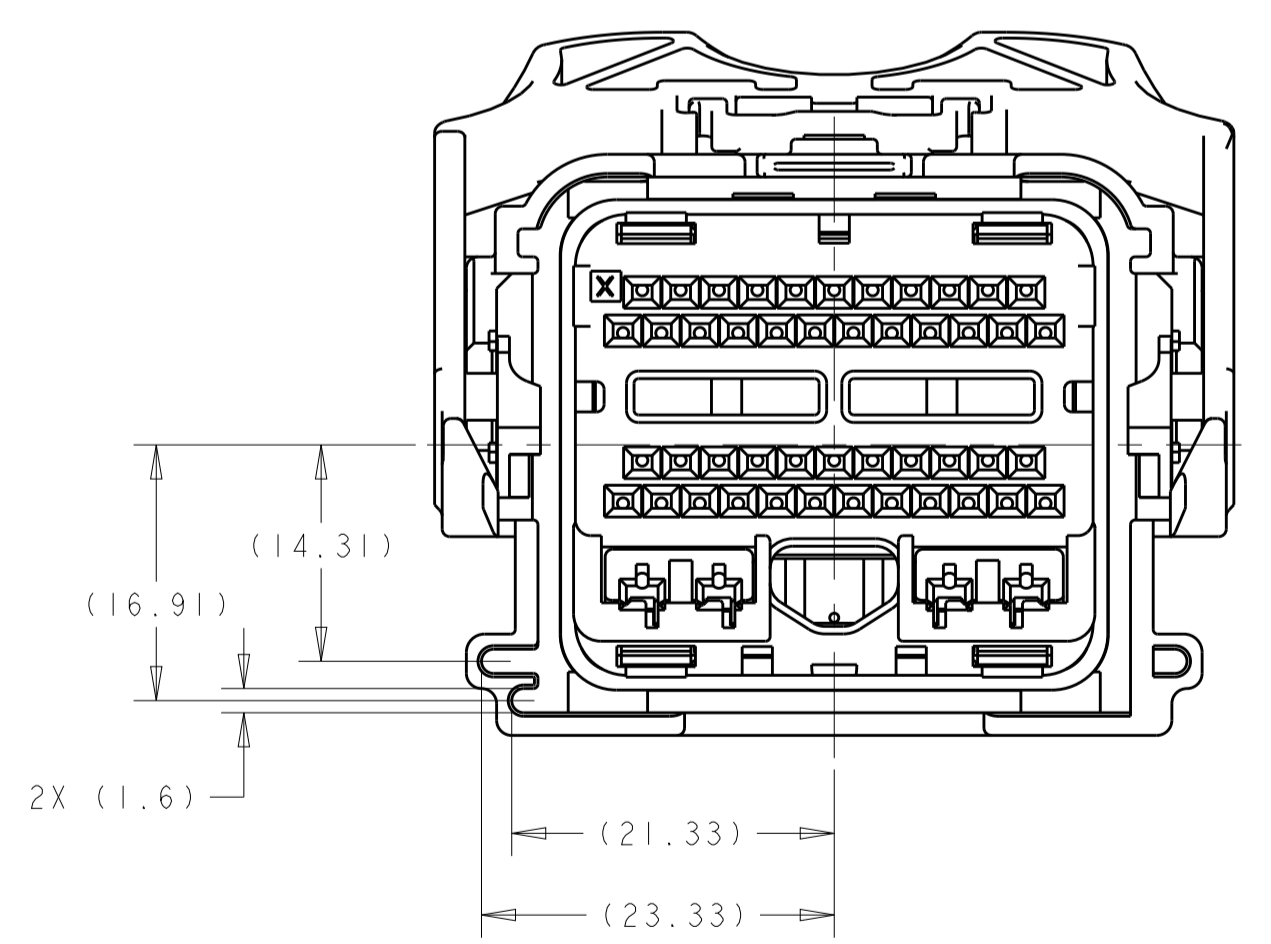
1438129-2
KEYING OPTION "B"



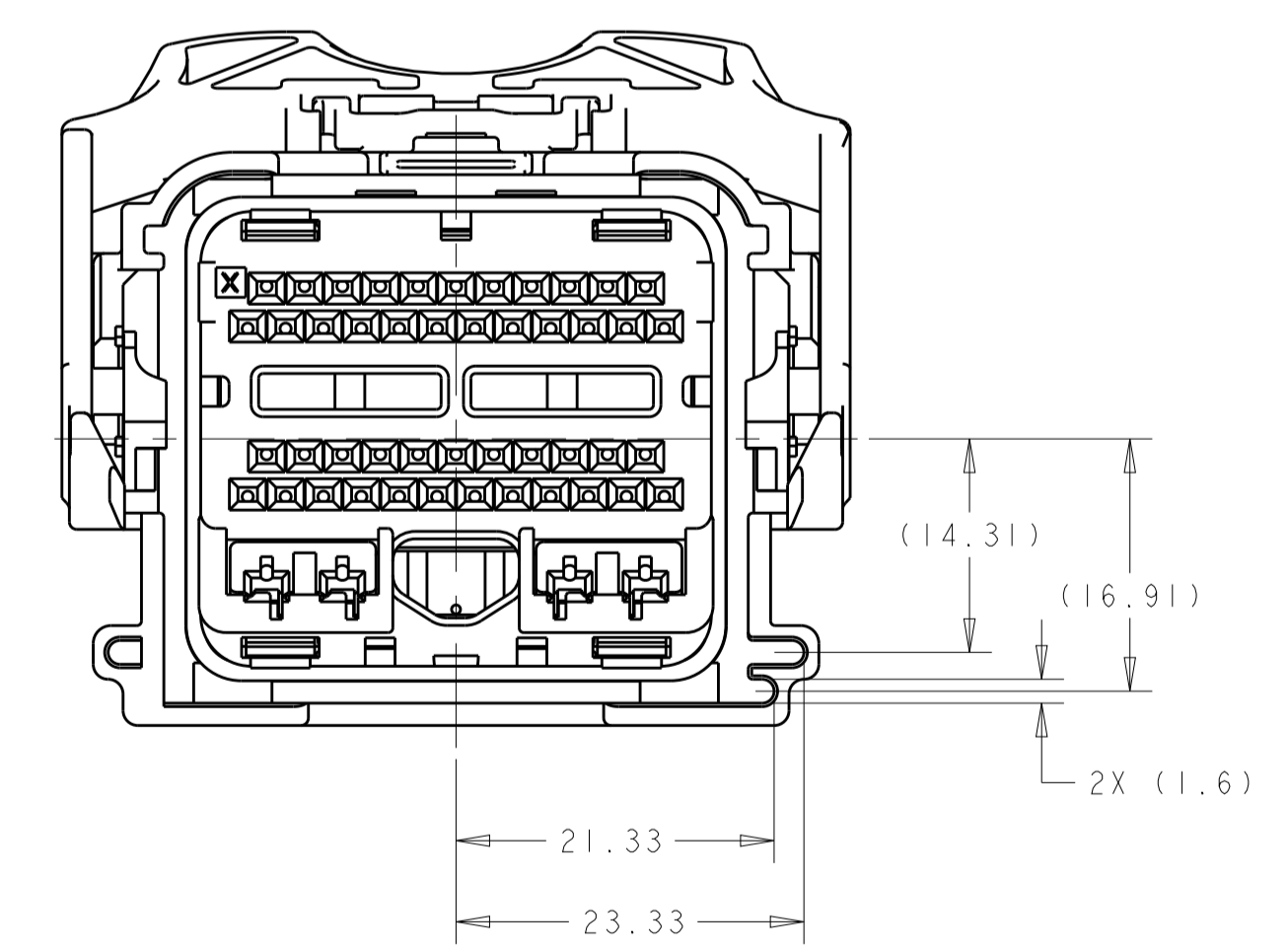
1438129-3
KEYING OPTION "C"



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:		CHK T. VALASEK 15APR2005	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD T. VALASEK 15APR2005	NAME 50-WAY HARNESS ASSEMBLY, PCM
	0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	PRODUCT SPEC	SIZE A100779C=1438129
MATERIAL		APPLICATION SPEC	RESTRICTED TO
		WEIGHT	SCALE 2:1 SHEET 2 OF 10 REV F35
		CUSTOMER DRAWING	

REVISIONS table with columns: P, LTR, DESCRIPTION, DATE, DWN, APVD.

KEYING OPTION B

Main data table with columns for pin numbers (46, 43, 42, ..., 50) and corresponding pin-out locations. Includes a grid of numbers representing pin positions.

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

Technical specifications and metadata table including: DIMENSIONS, TOLERANCES UNLESS OTHERWISE SPECIFIED, MATERIAL, FINISH, PRODUCT SPEC, APPLICATION SPEC, WEIGHT, CUSTOMER DRAWING, and drawing ID 100779.

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

KEYING OPTION C

	39	38	37	36	29	28	23	20	19	10	9	8	7	5	7-1924783-4	5S4T-14A464-NA-134																																		
CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS	39	38	37	36	29	28	23	20	19	10	9	8	7	7-1924783-2	5S4T-14A464-NA-133																																			
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS	39	38	37	36	28	26	25	23	20	11	10	8	6	5	7-1924783-0	5S4T-14A464-NA-132																																		
TERMINAL HOLE POSITION	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

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

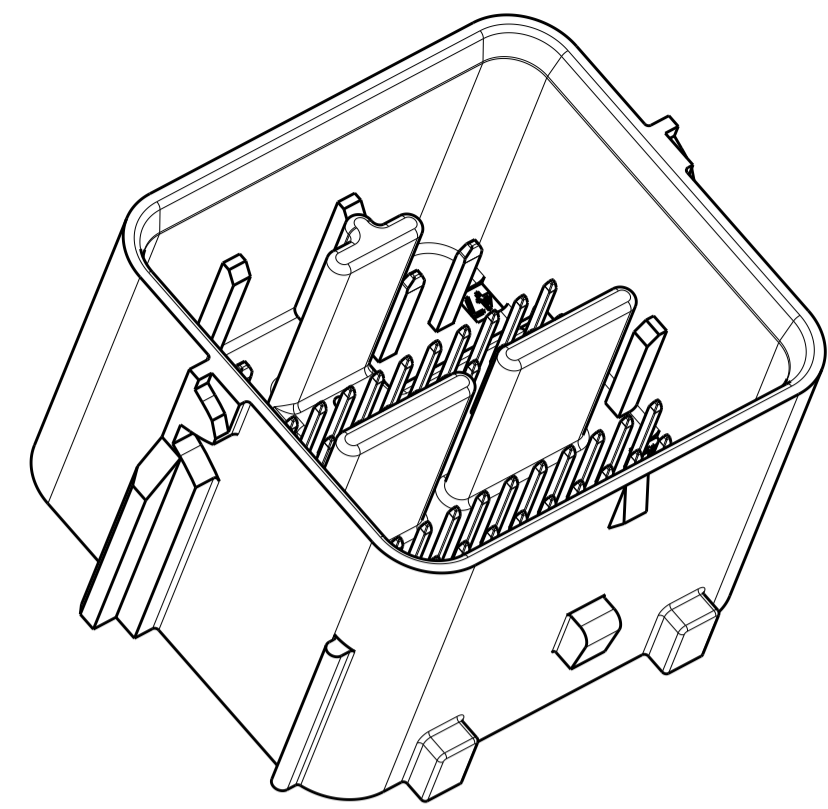
ASSEMBLY PART NUMBER

FORD PART NUMBER

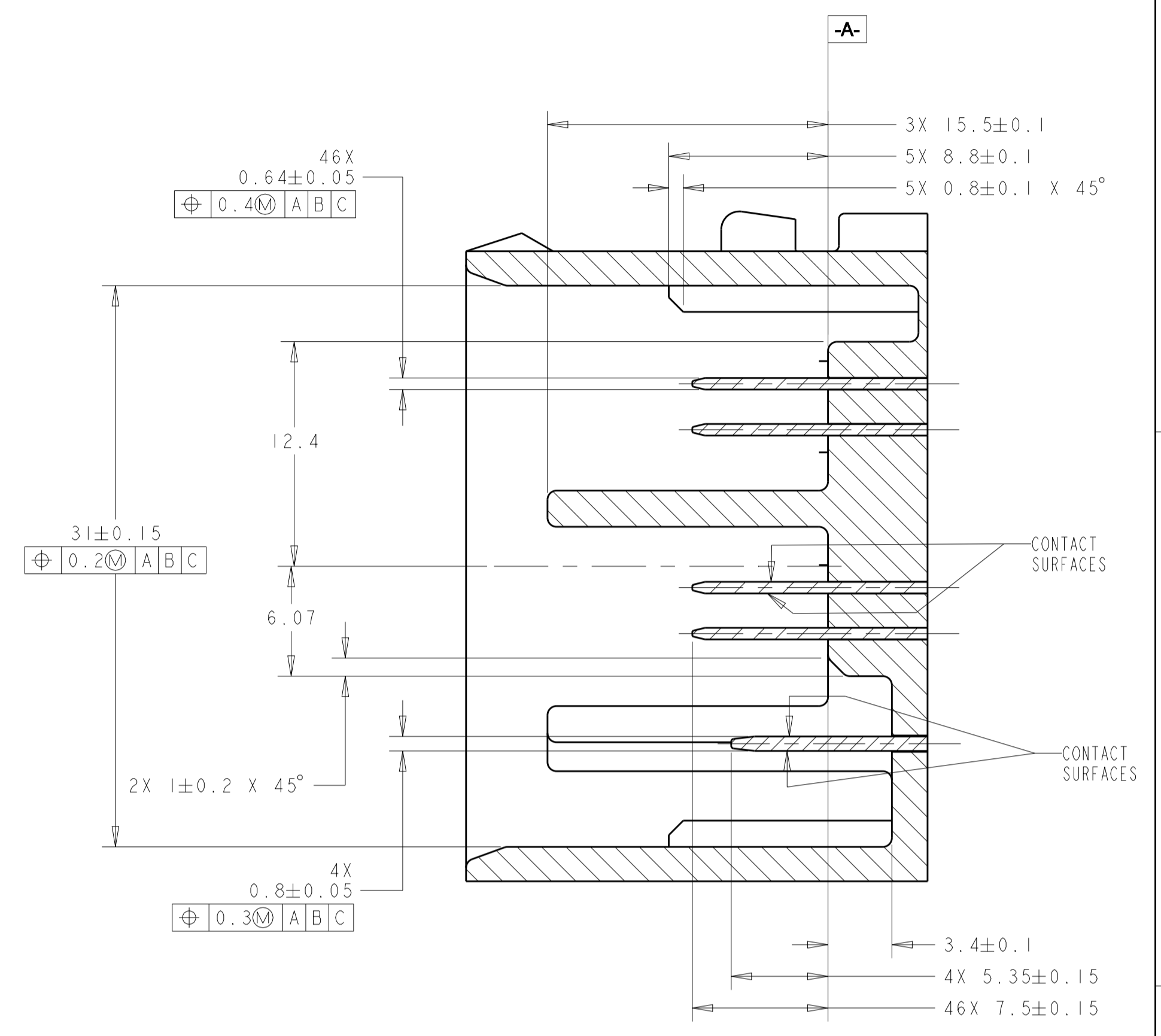
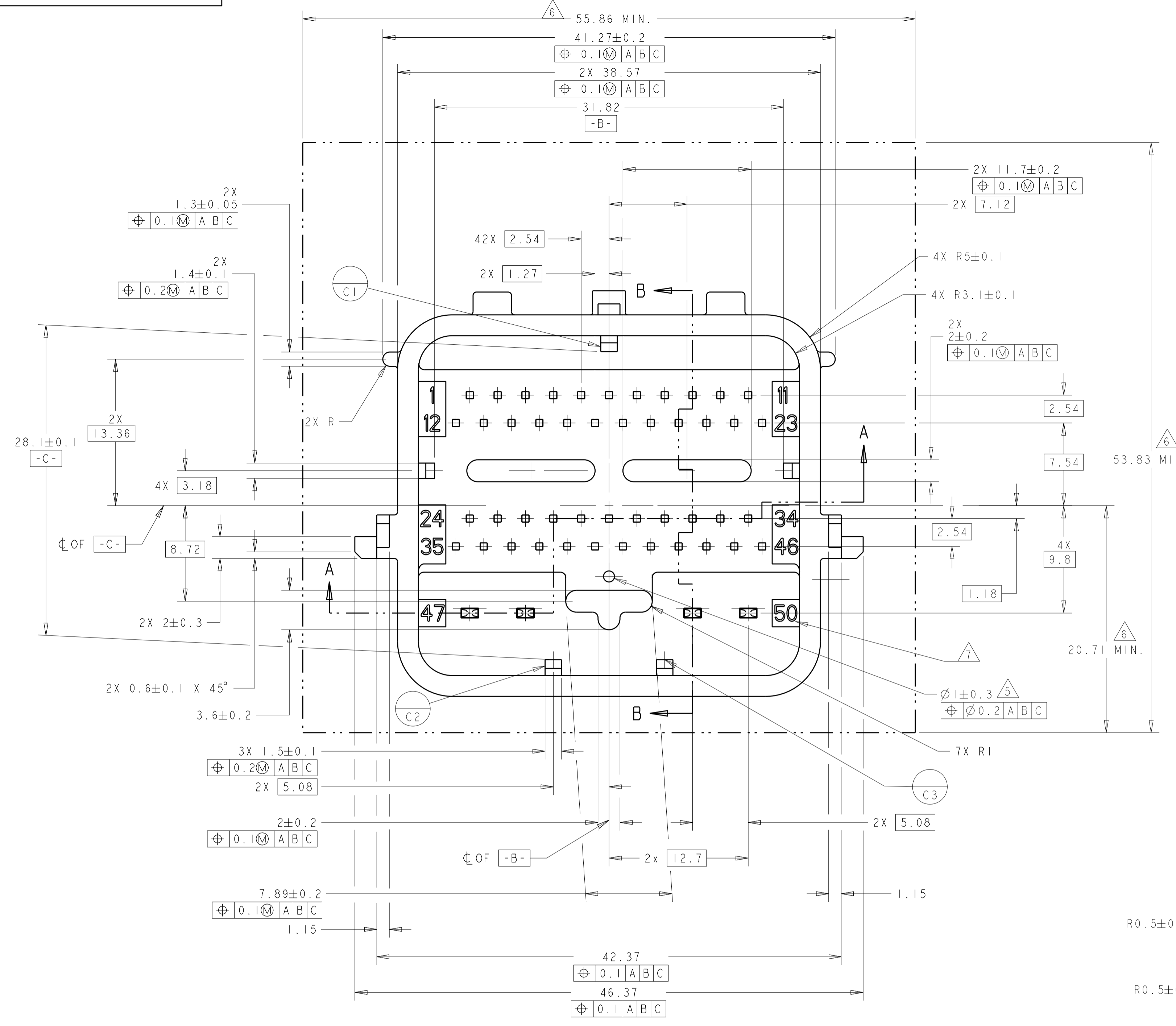
THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN R. VESTAL	15APR2005	TE Connectivity
CHK T. VALASEK	15APR2005	
APVD T. VALASEK	15APR2005	
PRODUCT SPEC		
NAME 50-WAY HARNESS ASSEMBLY, PCM		RESTRICTED TO
APPLICATION SPEC		
SIZE CAGE CODE DRAWING NO A100779 C=1438129		
WEIGHT		SCALE 1:1
CUSTOMER DRAWING		SHEET 8 OF 10 REV F35

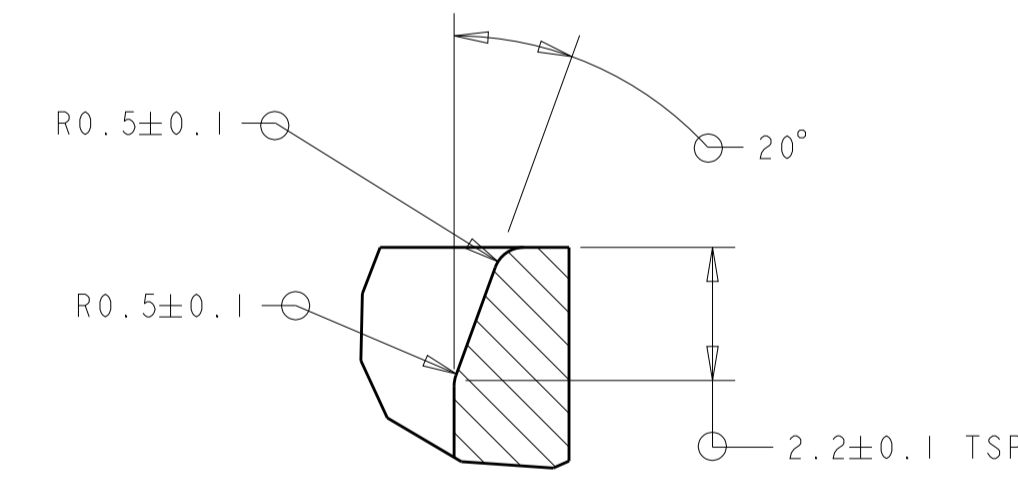
REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APPV.
-	-	SEE SHEET 1	-	-



SCALE 2:1

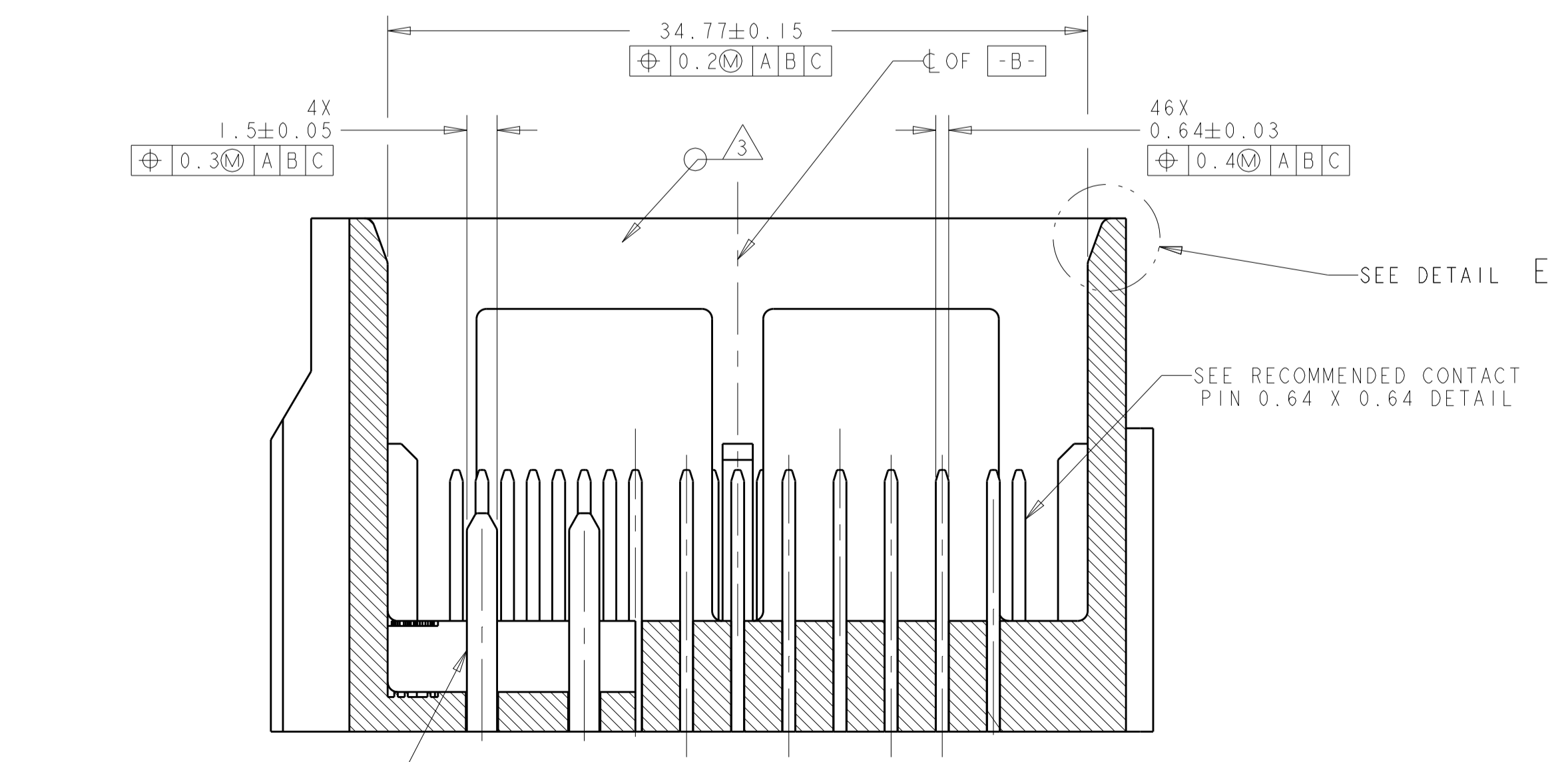


SECTION B-B



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

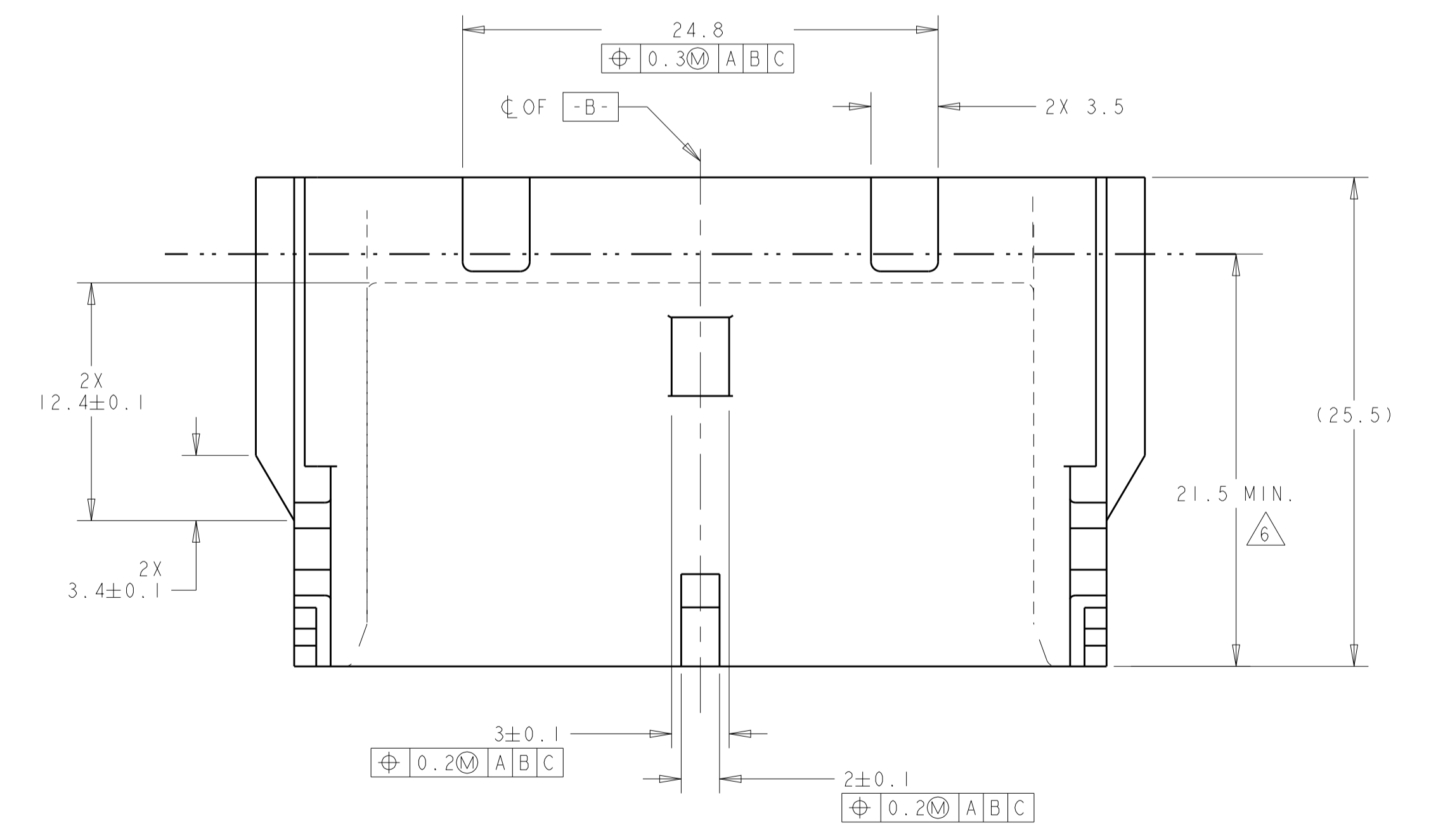
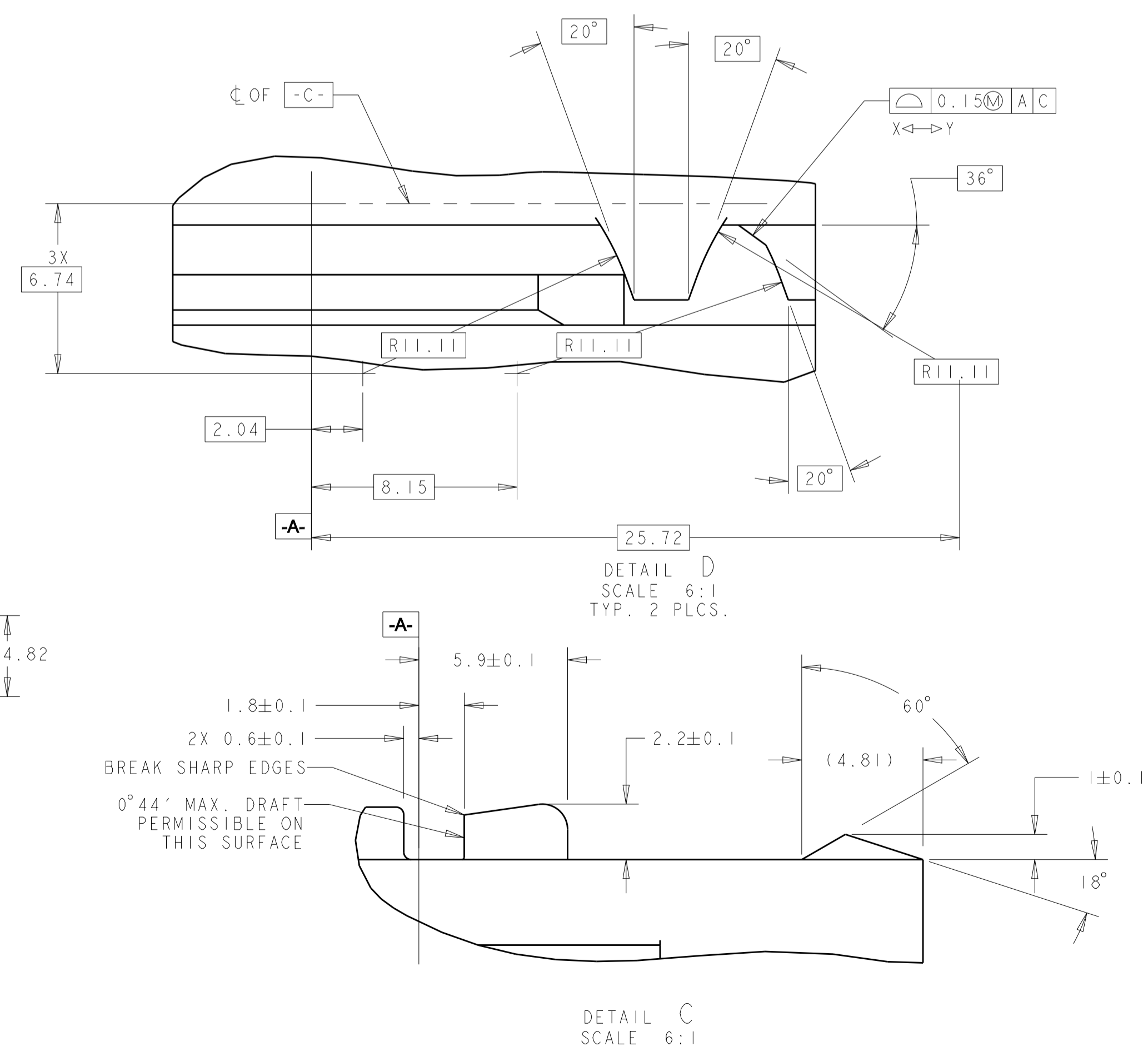
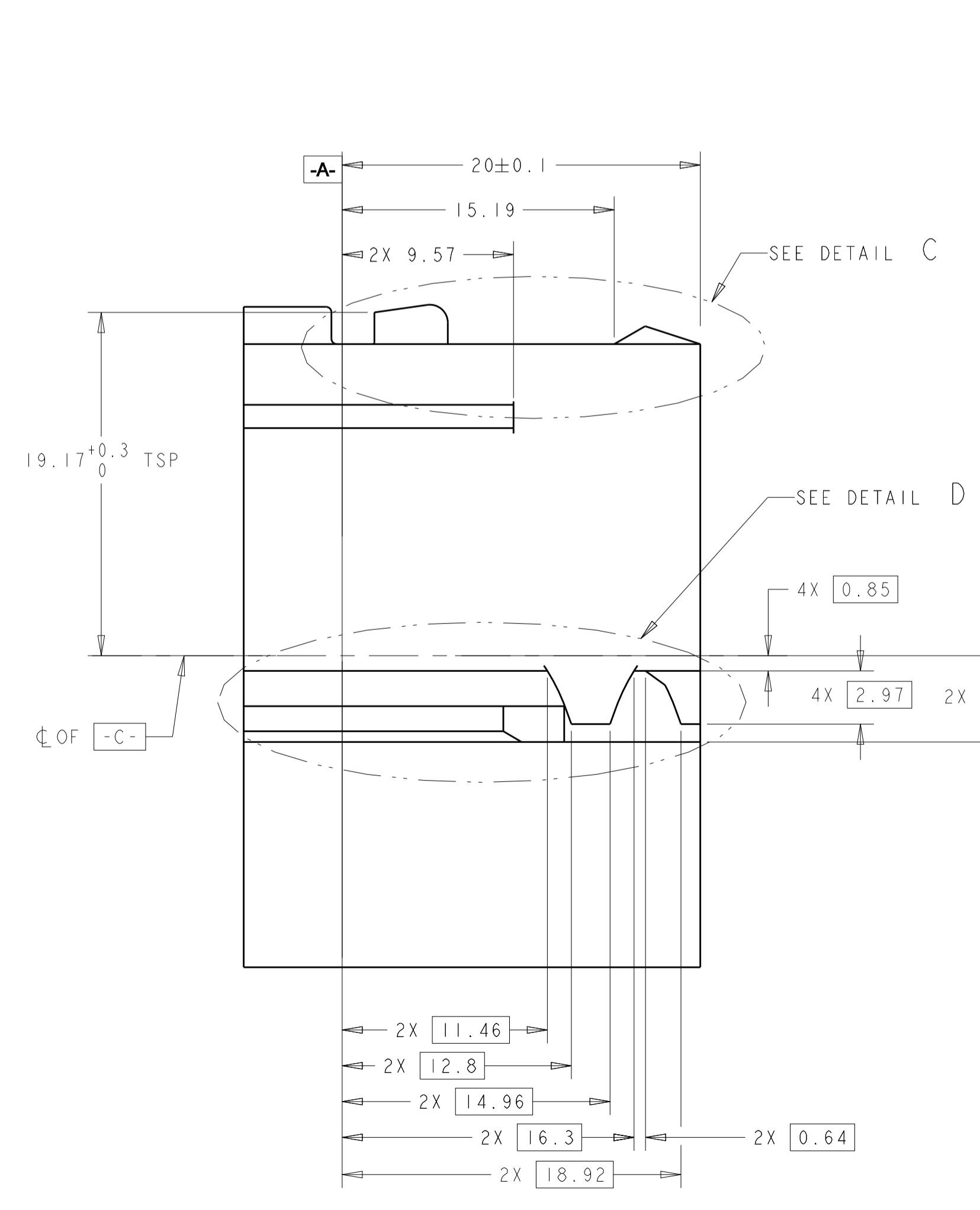
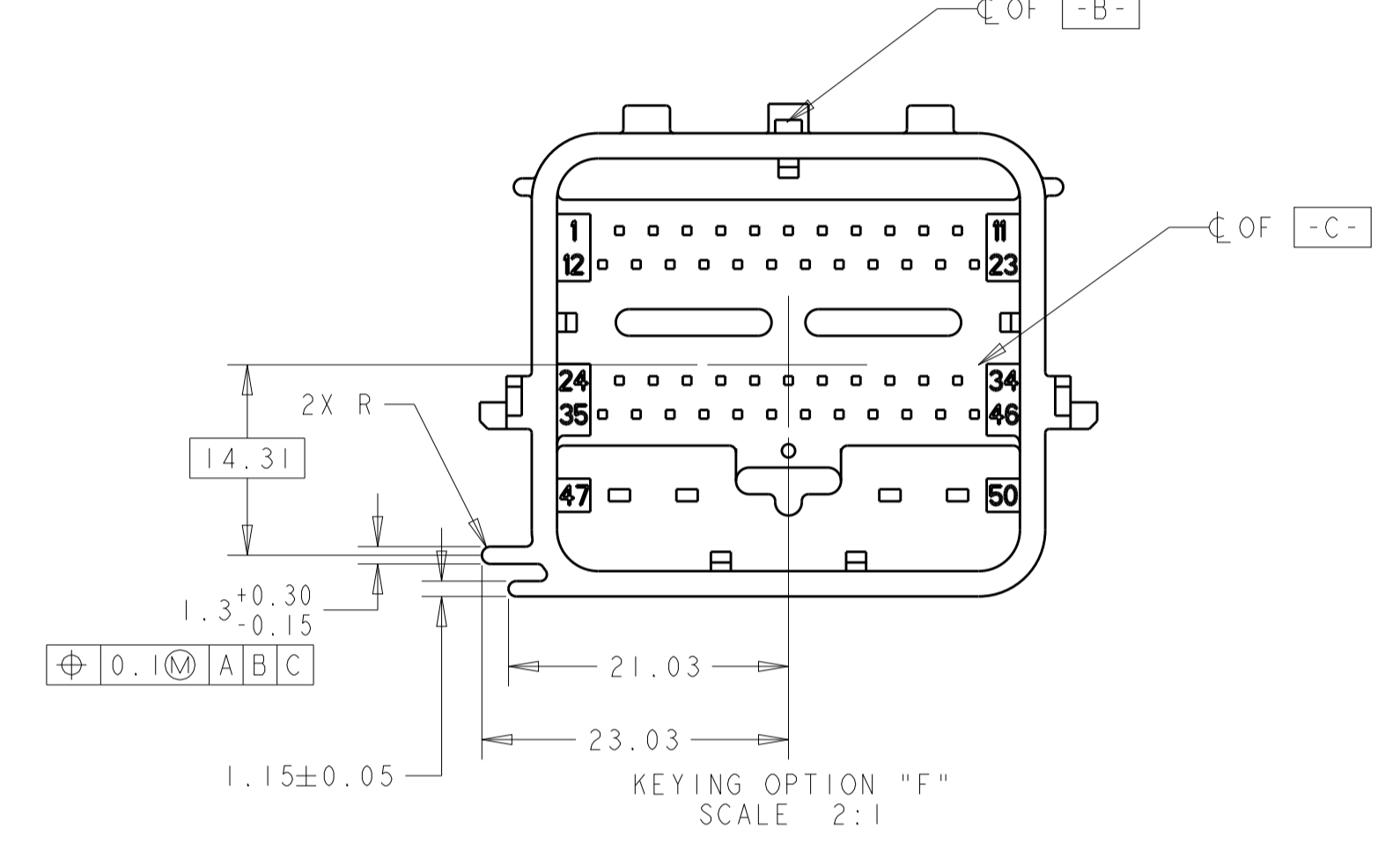
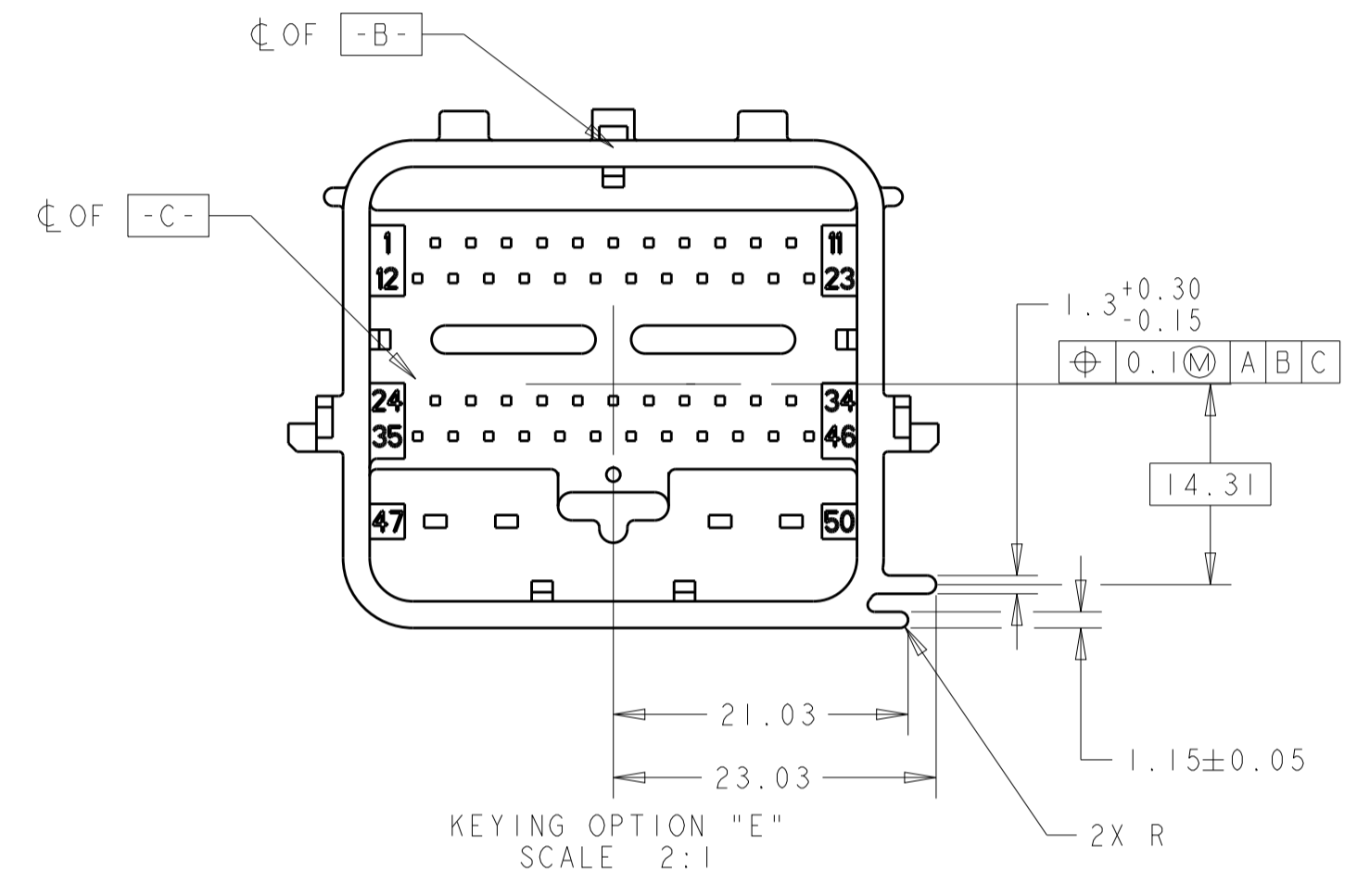
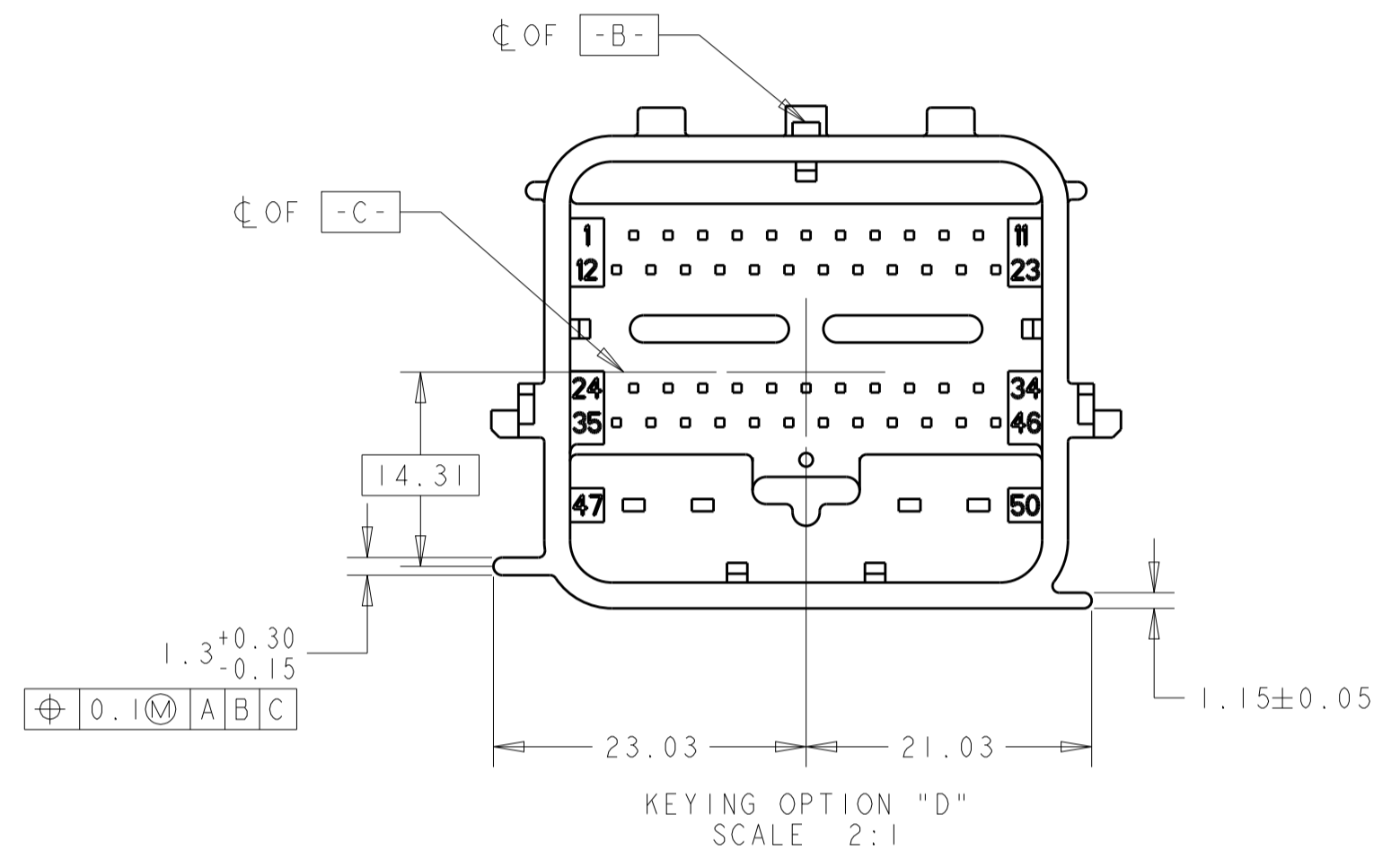
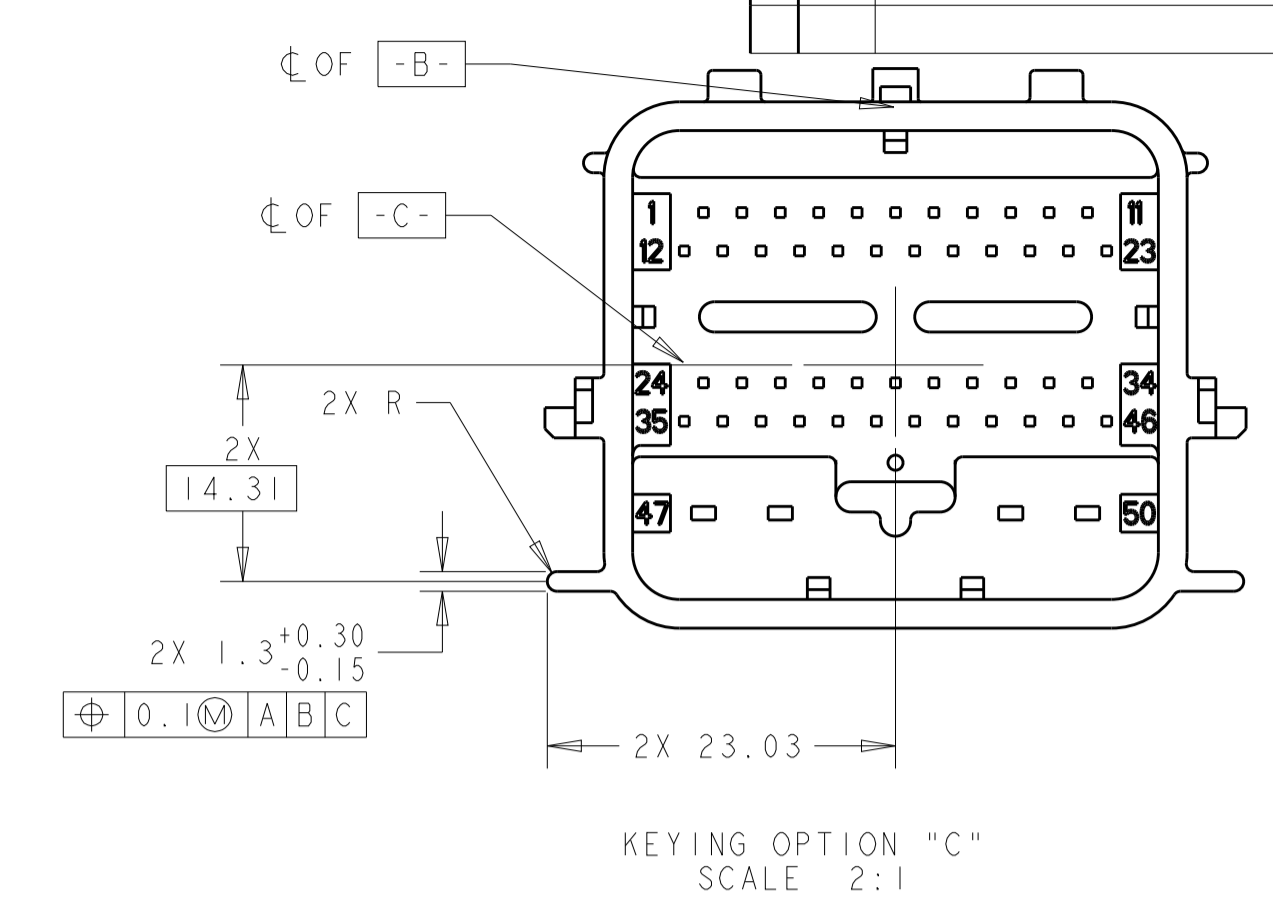
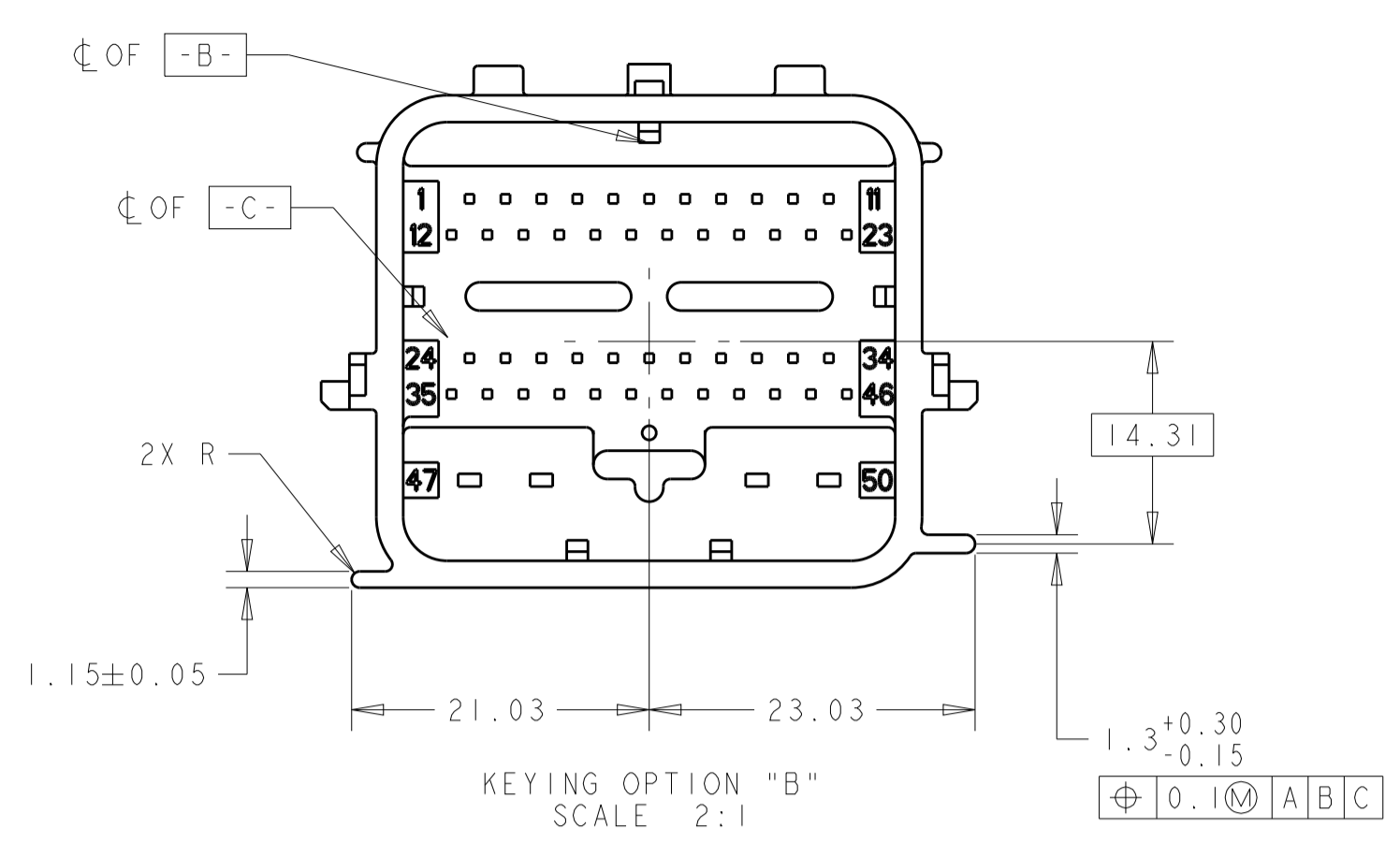
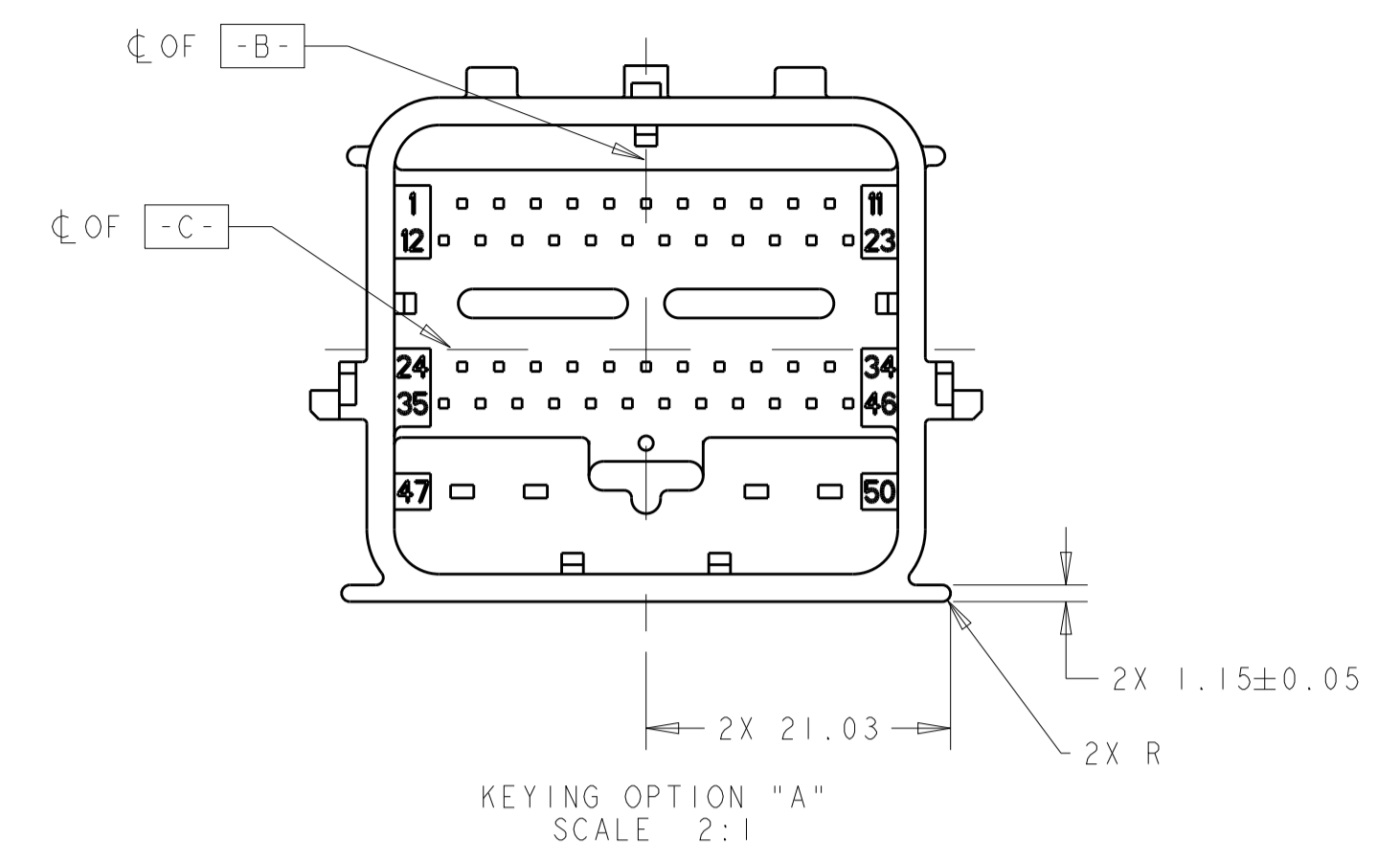
SEE RECOMMENDED CONTACT PIN 0.8 X 1.5 DETAIL

SEE RECOMMENDED CONTACT PIN 0.64 X 0.64 DETAIL

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 ±0.3	1 PLC ±0.3	PRODUCT SPEC	SIZE: CAGE CODE: DRAWING NO.
2 PLC ±0.10	3 PLC ±0.10	APPLICATION SPEC	RESTRICTED TO
4 PLC ±0.10	ANGLES ±1°	WEIGHT	A100779C=1438129
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE: 1:1 SHEET 9 OF 10 REV: F35

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 2 PLC ±0.10 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO. RESTRICTED TO
MATERIAL FINISH		WEIGHT	A100779C=1438129
CUSTOMER DRAWING		SCALE 1:1	SHEET 10 OF 10 REV F35

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