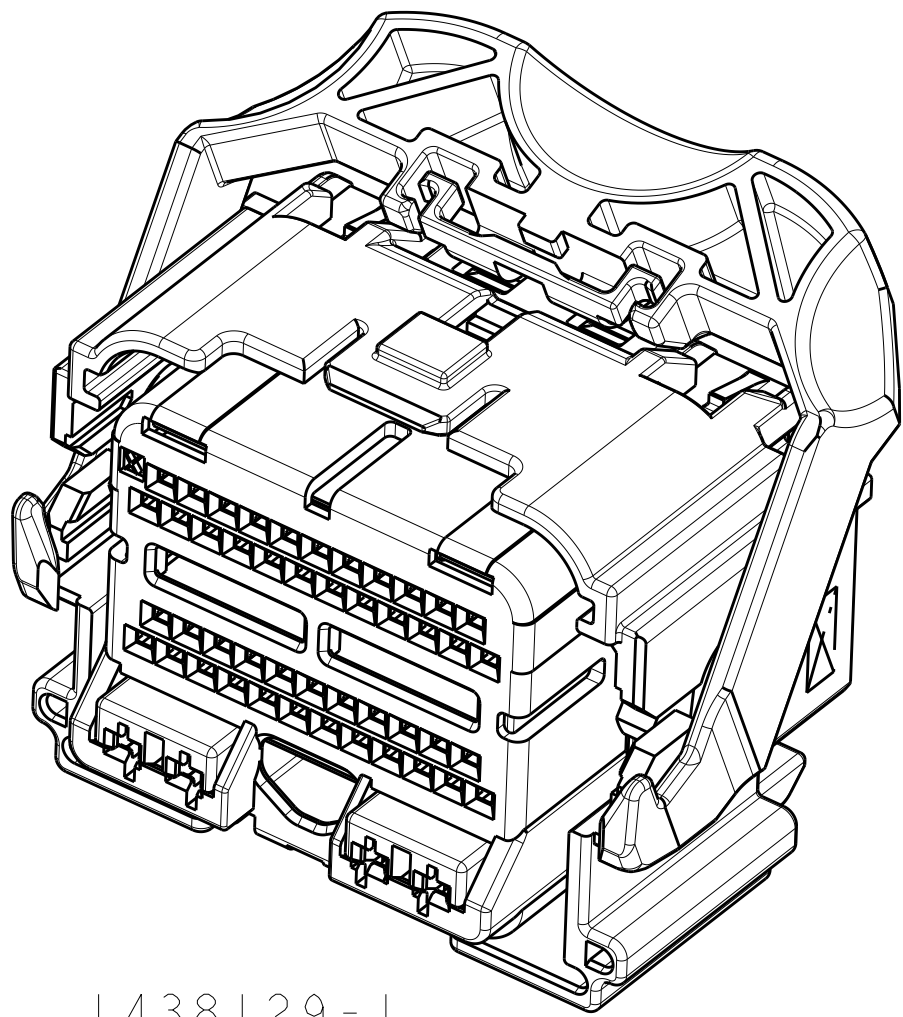
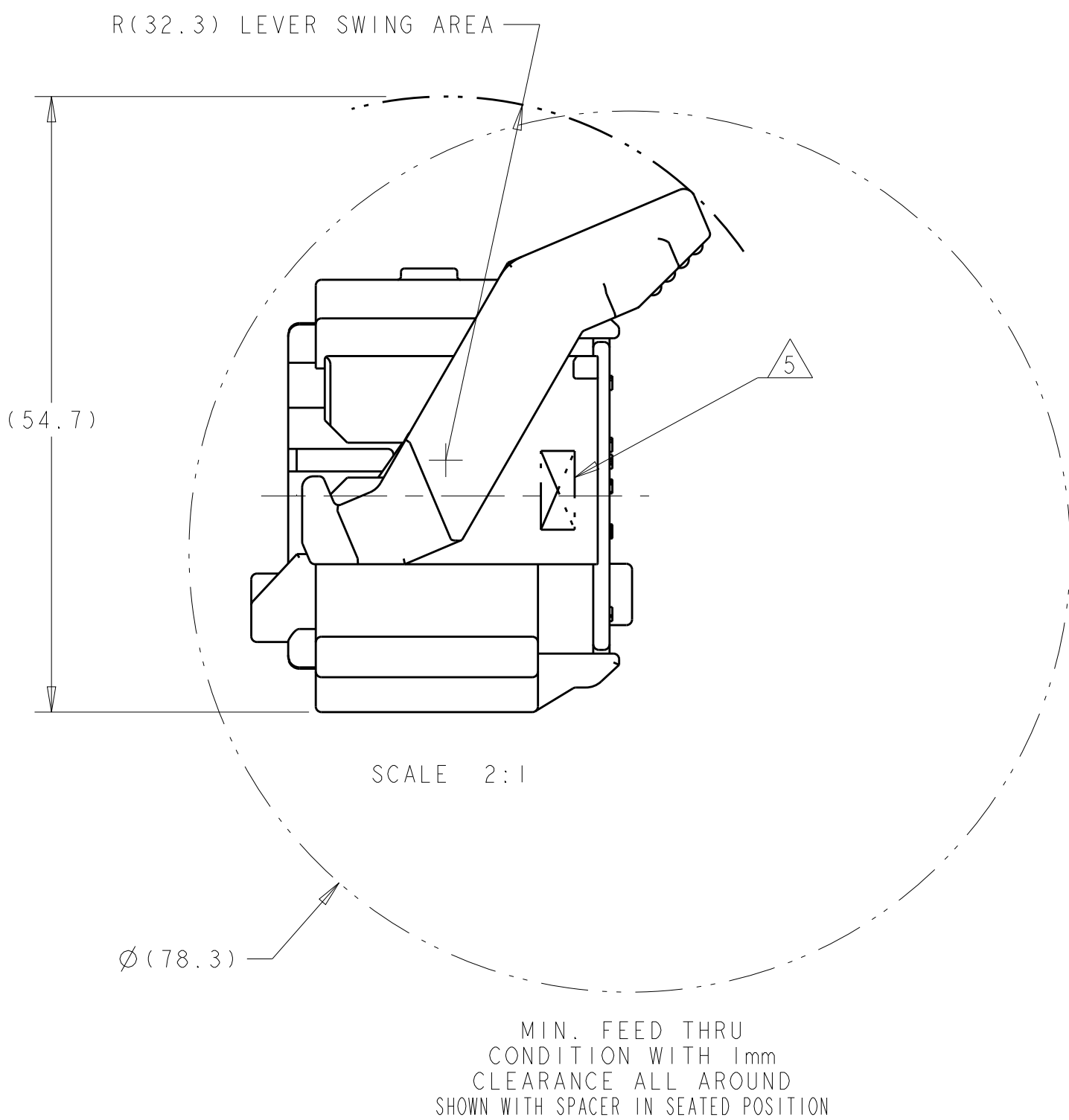
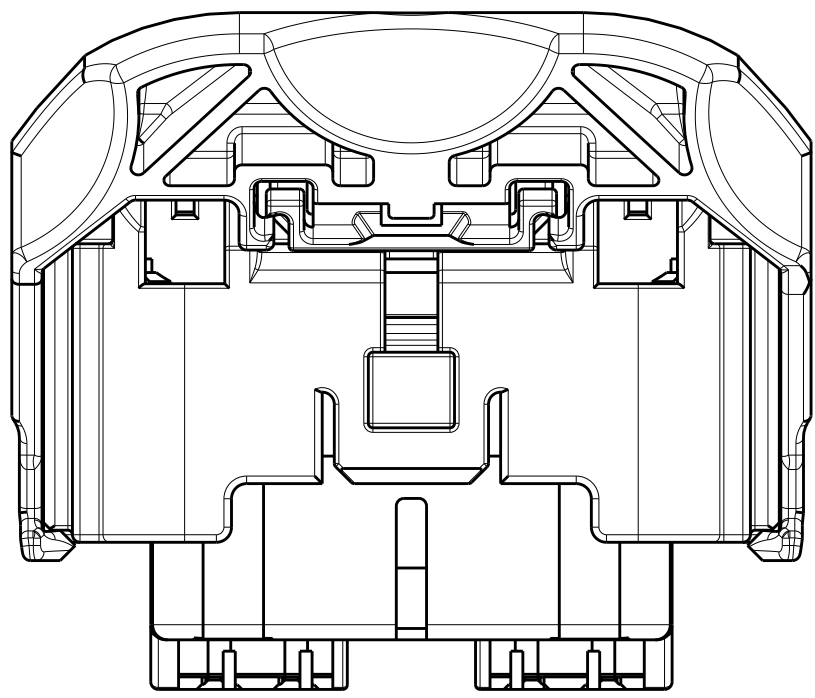


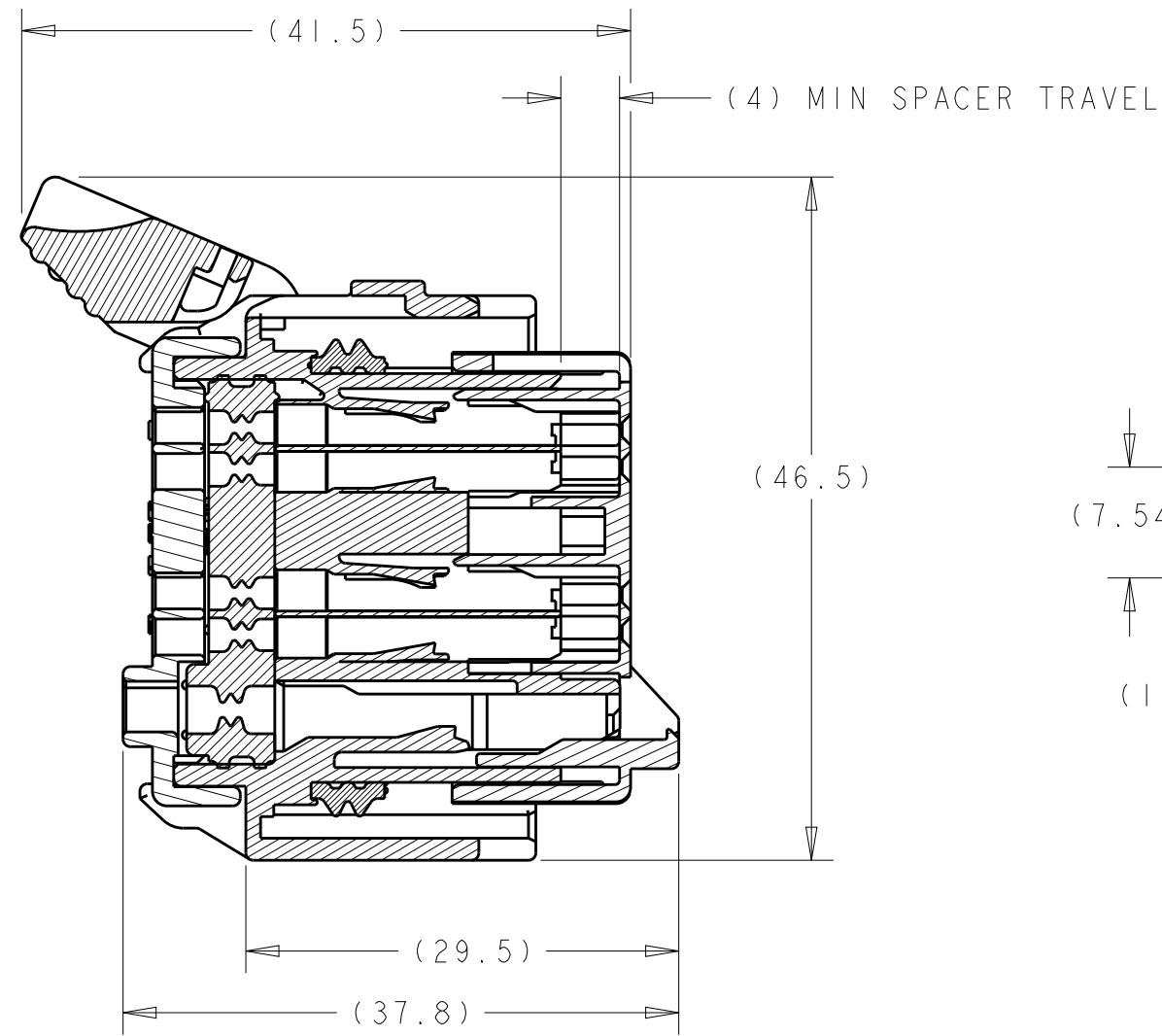


1438129-1
SHOWN WITH SPACER
IN SEATED POSITION

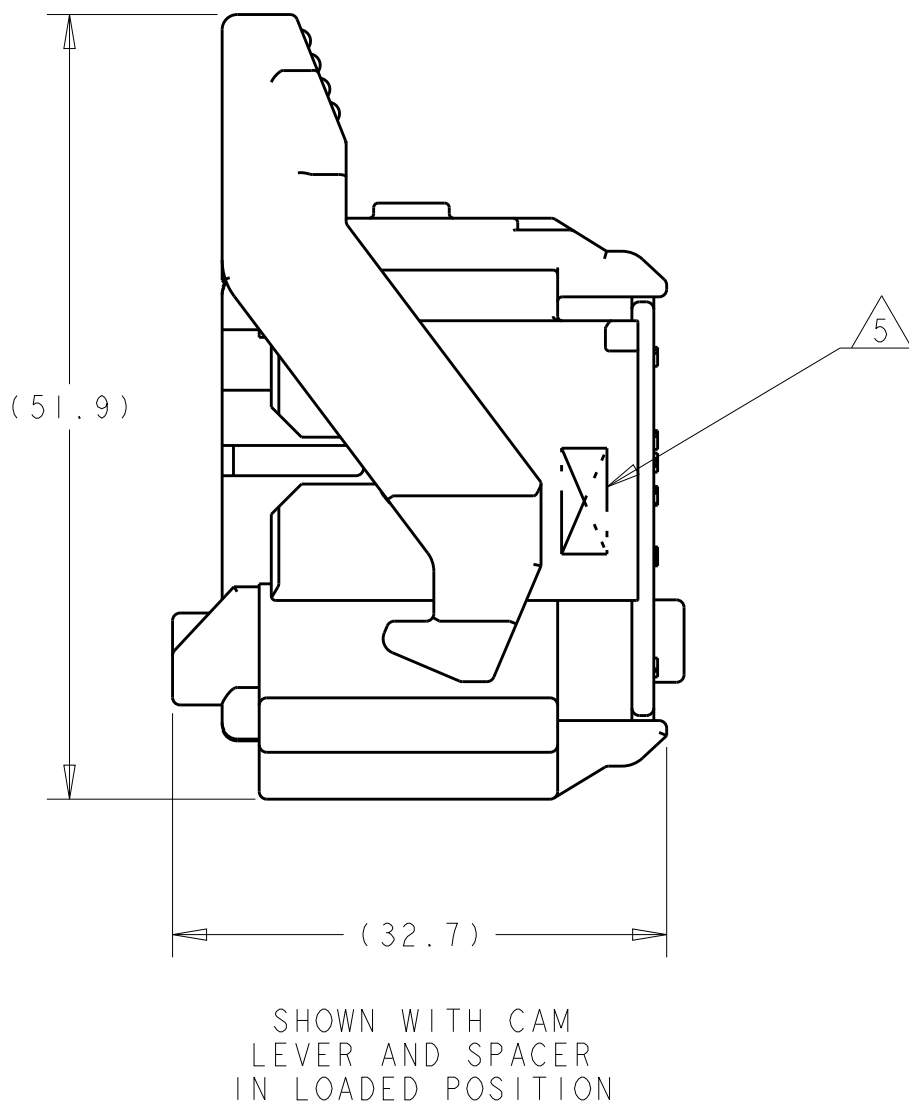
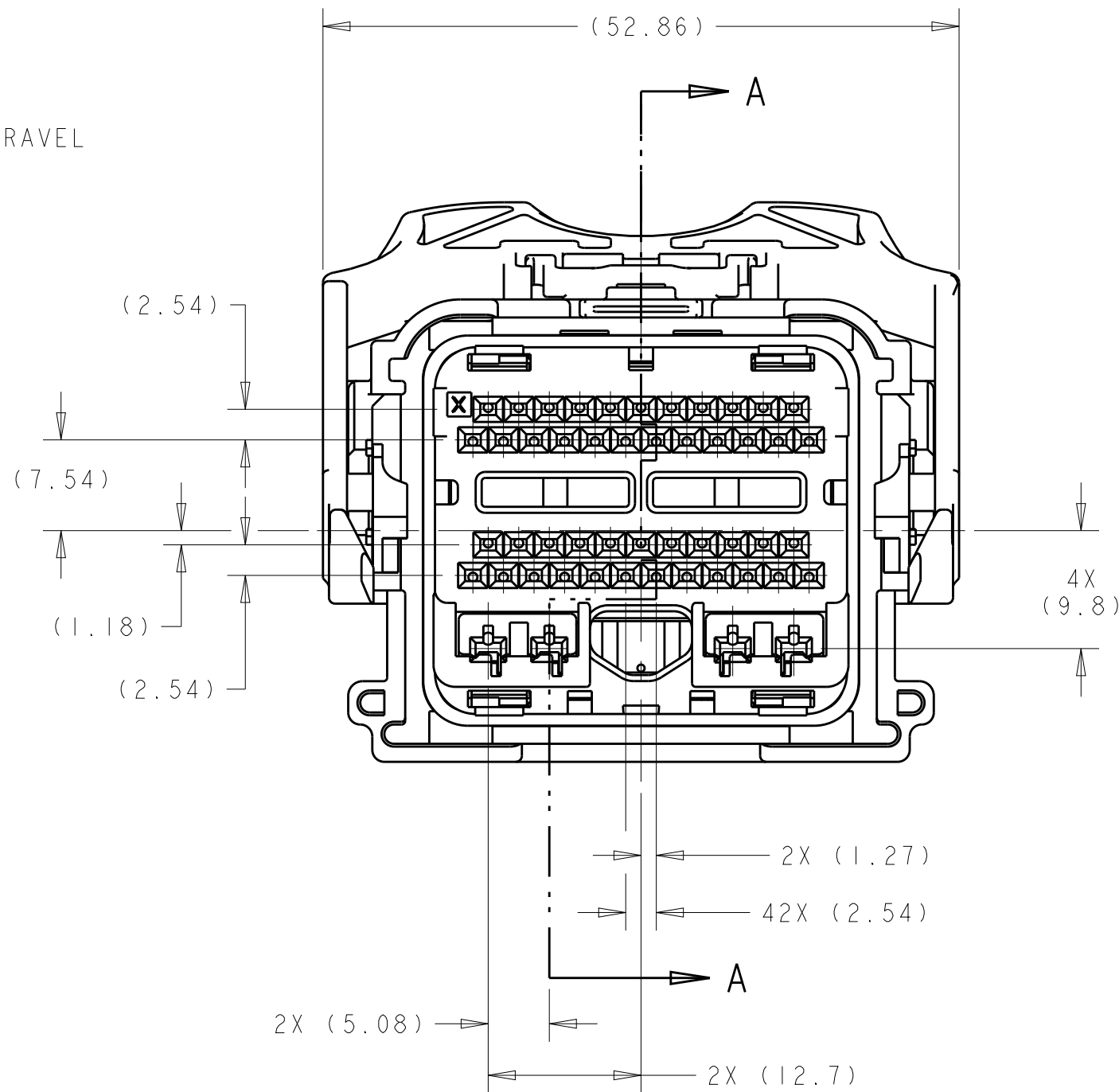


REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	APVD.
F32		REVISED PER ECO-16-003418	08MAR2016	DLD	DCM
F33		REVISED PER ECO-16-018427	25JAN2017	DLD	DCM
F34		REVISED PER ECO-17-007768	30MAY2017	DLD	DCM
F35		REVISED PER ECO-17-014872	24OCT2017	JMS	CM

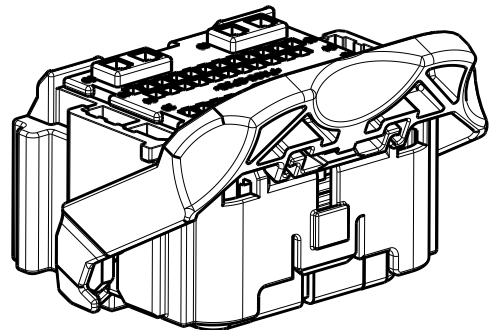
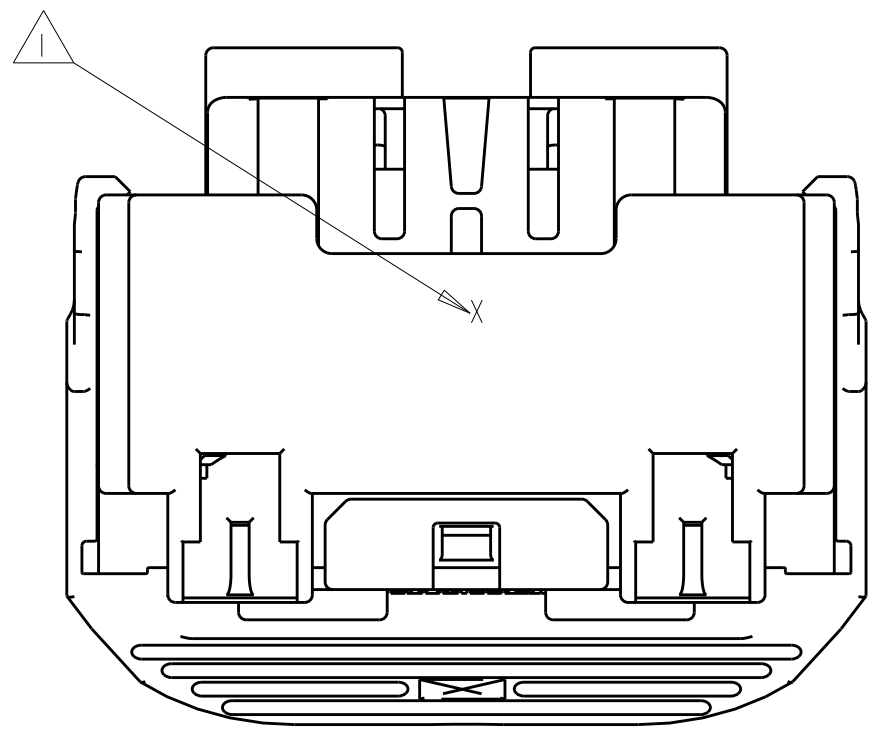
- 1 PRINT PART NUMBER (5S4T-14A464-L*-***, 5S4T-14A464-M*-***, 5S4T-14A464-N*-***) AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE IN THE LOCATION AT ASSEMBLY. SEE SHEET 3 THRU 7 (-*) PART NUMBERS.
2. APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS:
33012-0002 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.



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



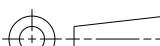
SHOWN WITH CAM
LEVER AND SPACER
IN LOADED POSITION



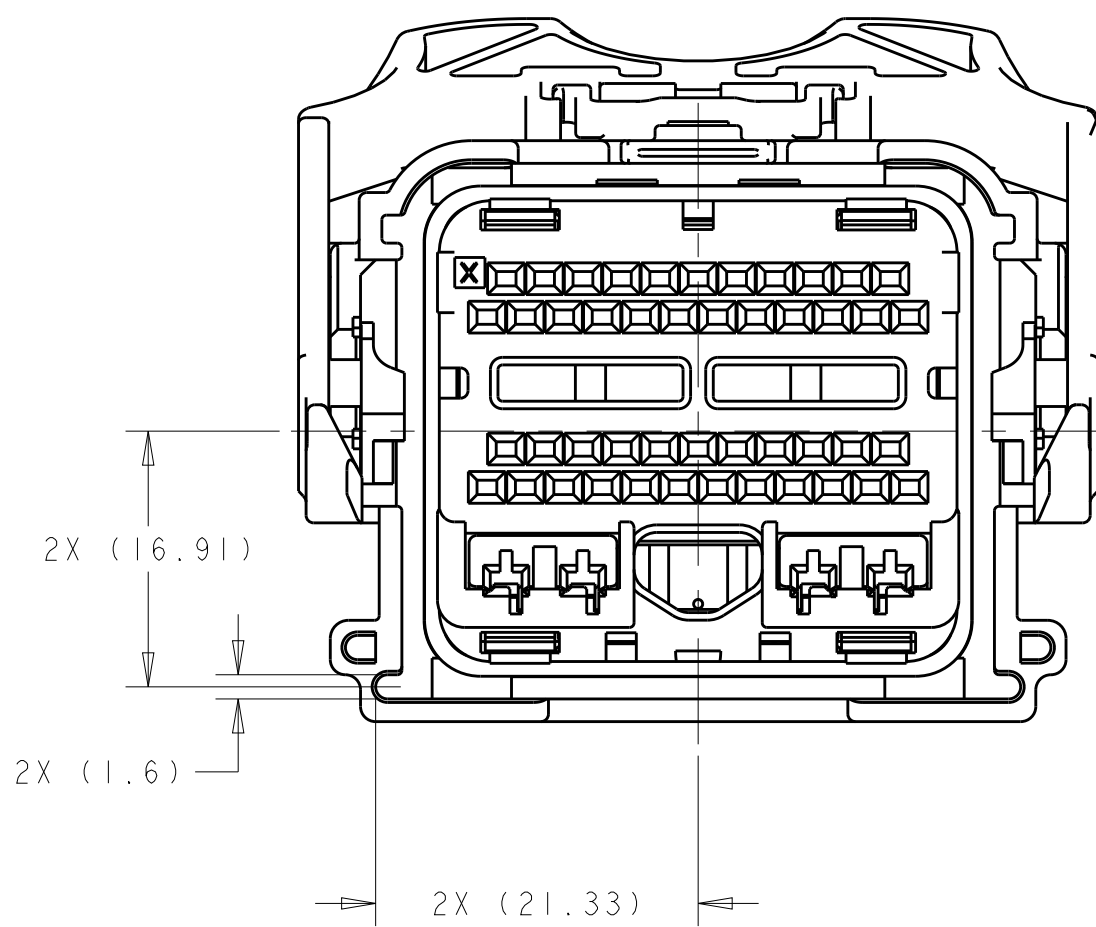
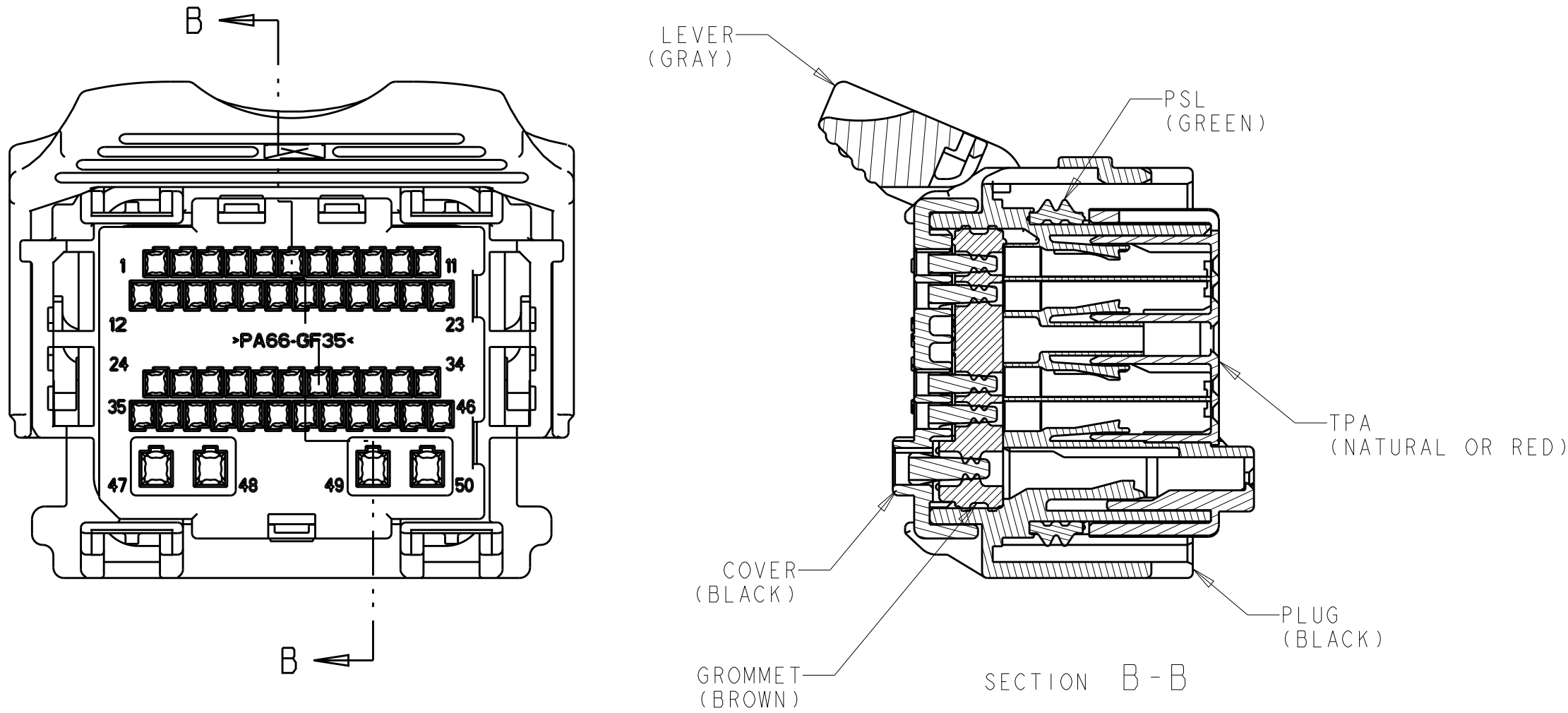
SCALE 1:1

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	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

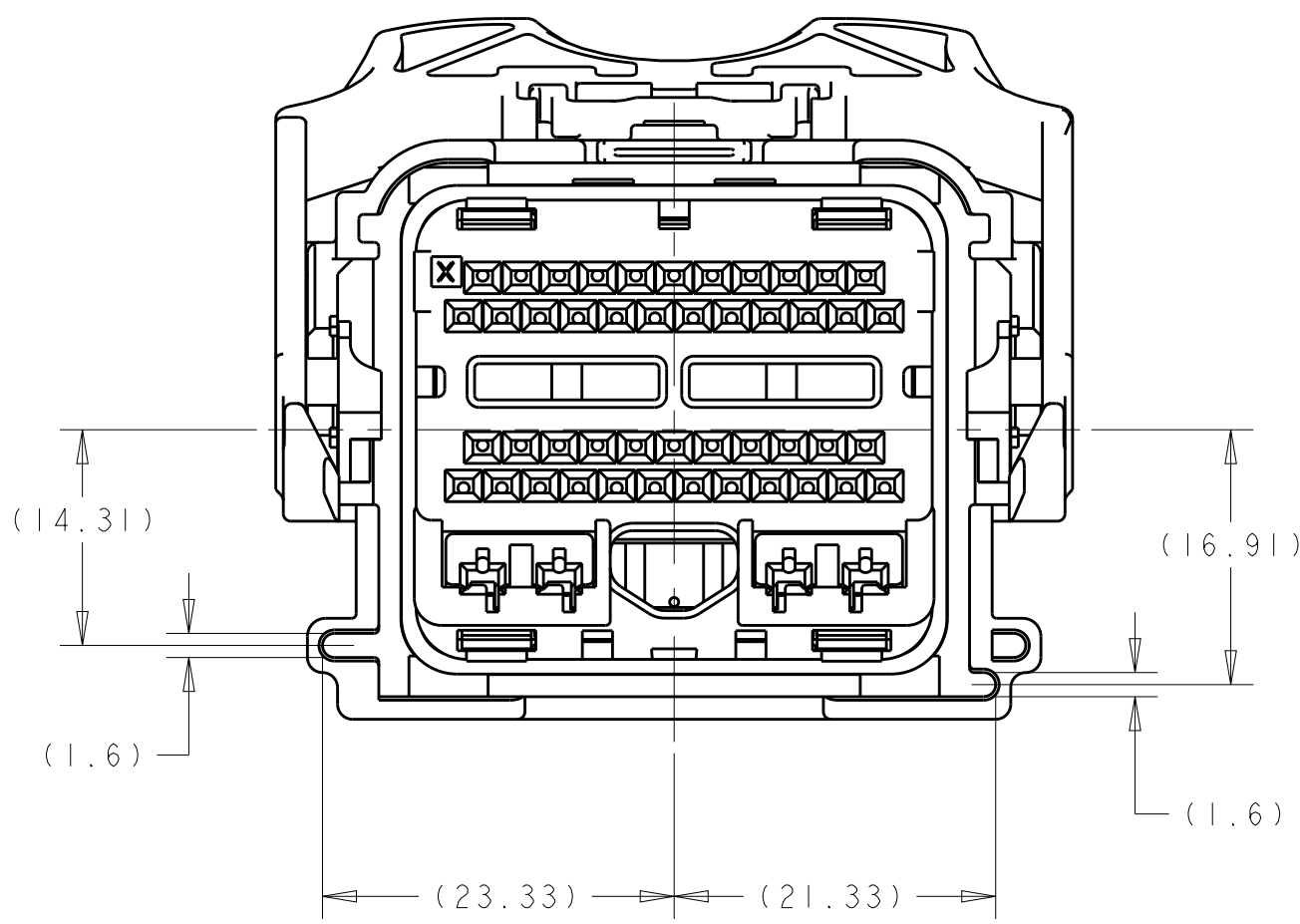
ANY DESIGN CHANGES ON THIS ASSEMBLY MAY
ALSO BE REQUIRED ON ASSEMBLY DRAWING 1438691

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN R. VESTAL 15APR2005		SEE TABLES SHEETS 3 THRU 7 PART NUMBER		
			CHK T. VALASEK 15APR2005				
DIMENSIONS: mm			APVD T. VALASEK 15APR2005		NAME 50-WAY HARNESS ASSEMBLY, PCM		
			PRODUCT SPEC				
			APPLICATION SPEC		SIZE A 100779		
			WEIGHT				
MATERIAL			FINISH		DRAWING NO C=1438129		
-			-		RESTRICTED TO -		
-			-		SCALE 1:1		
-			-		SHEET 1 OF 10		
-			-		REF 35		
-			-		CUSTOMER DRAWING		

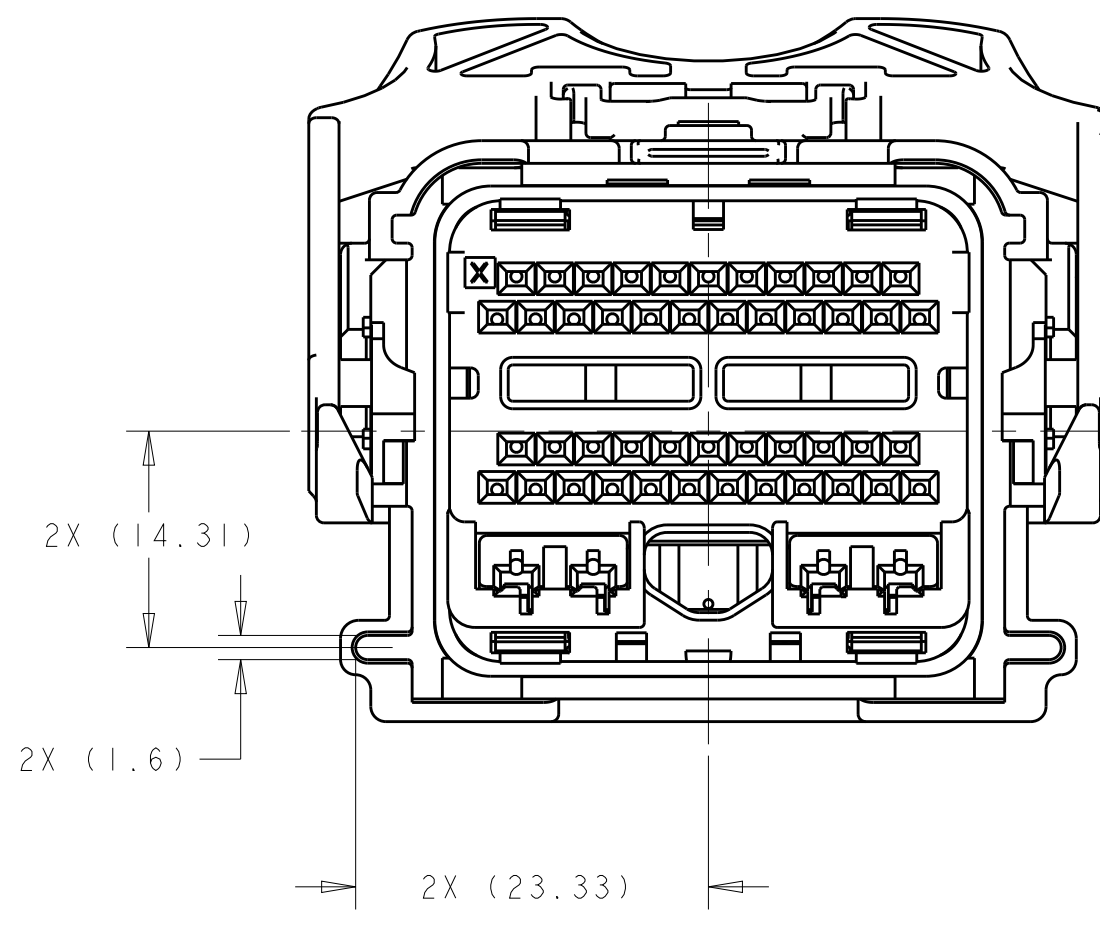
REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	APVD.
-	-	SEE SHEET 1	-	-	-



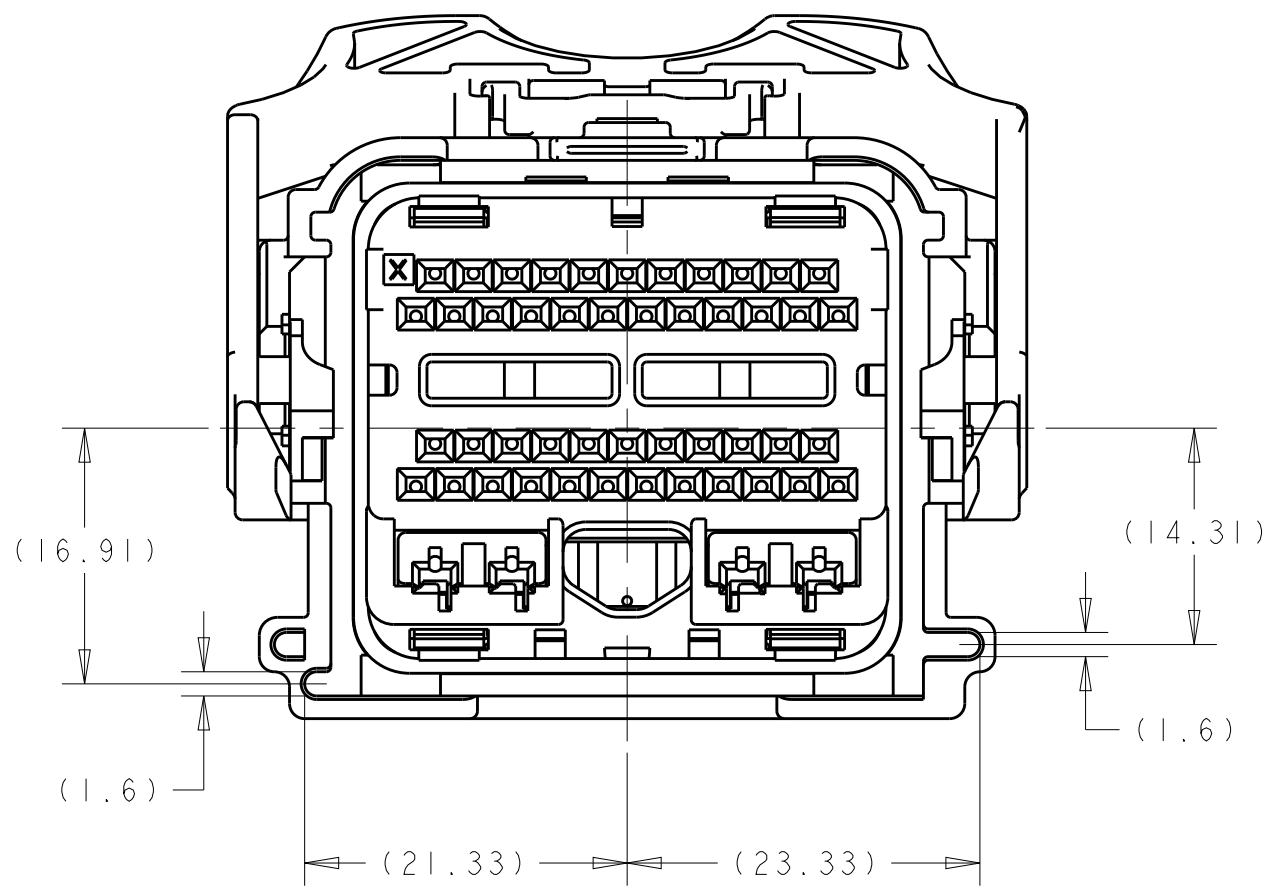
1438129-1
KEYING OPTION "A"



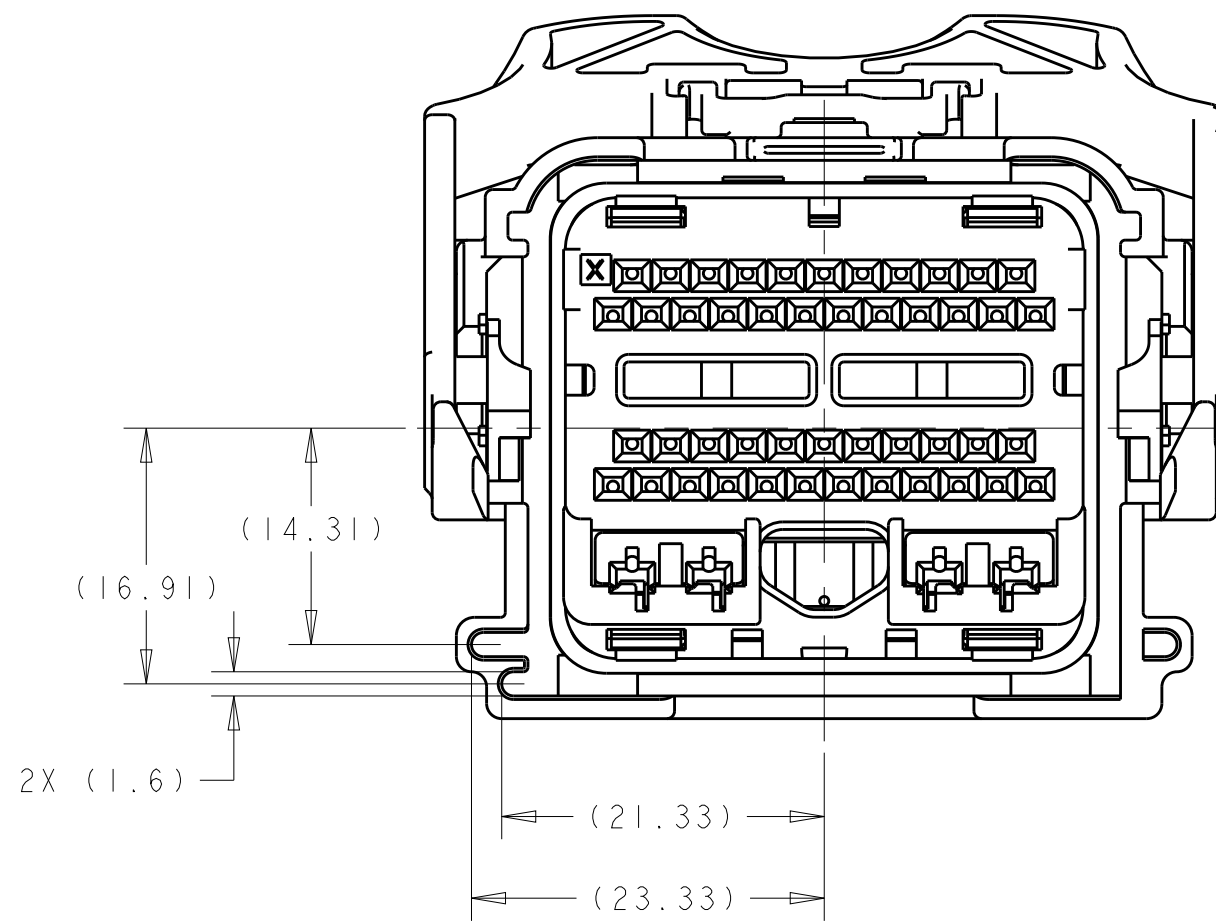
1438129-2
KEYING OPTION "B"



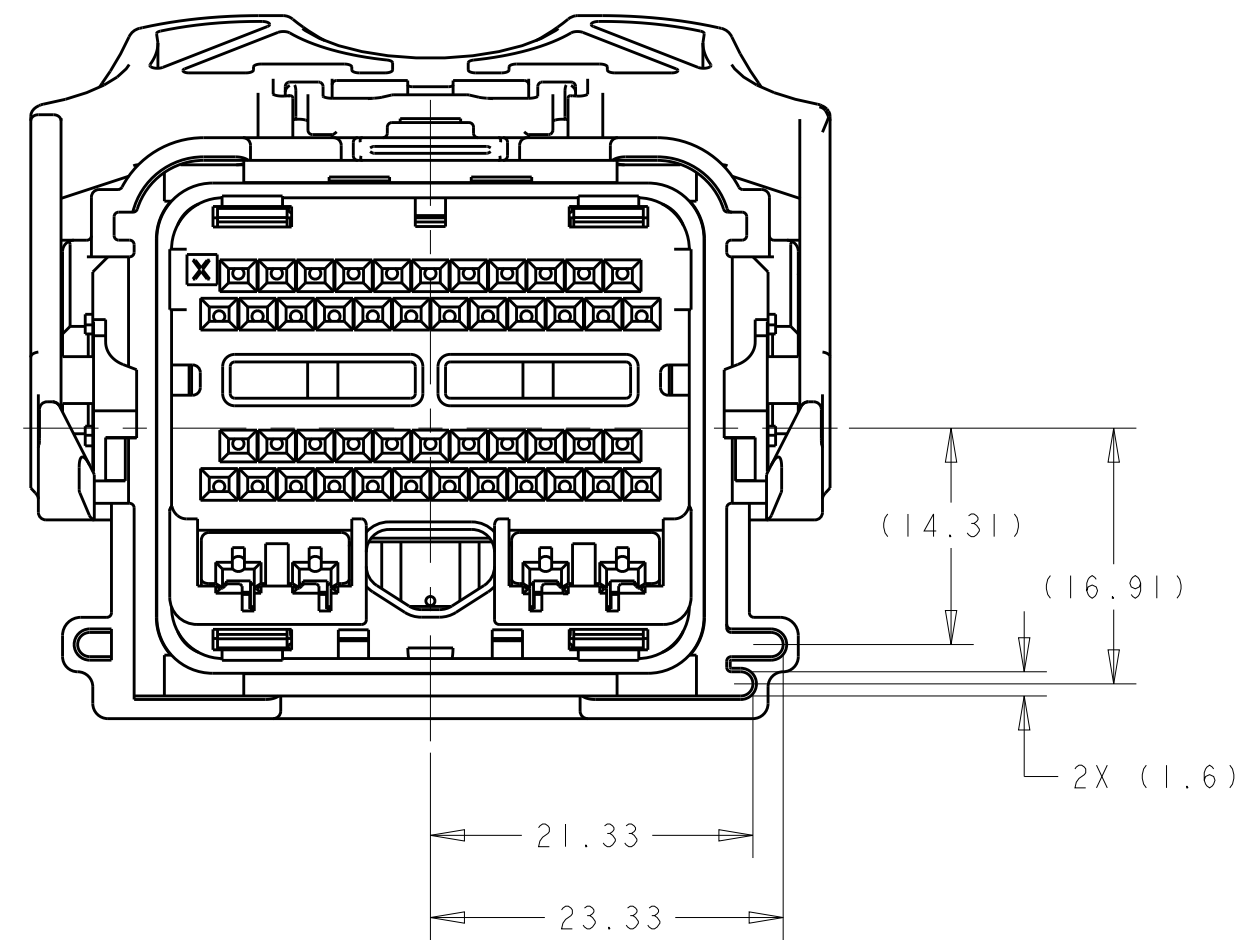
1438129-3
KEYING OPTION "C"



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	
DIMENSIONS:		CHK T. VALASEK 15APR2005		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD T. VALASEK 15APR2005	NAME 50-WAY HARNESS ASSEMBLY, PCM	
	0 PLC ±.3 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±. 4 PLC ±. ANGLES ±1° FINISH	PRODUCT SPEC APPLICATION SPEC	SIZE A100779	
MATERIAL	-	WEIGHT	C=1438129	
-	-	CUSTOMER DRAWING	SCALE 2:1 SHEET 2 OF 10 REV F35	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. VESTAL 15APR2005		 TE Connectivity	
		CMV VALASEK 15APR2005			
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME 50-WAY HARNESS ASSEMBLY, PCM	
mm					
		0 PLC ±		PRODUCT SPEC - APPLICATION SPEC -	
		1 PLC ±0.3			
		2 PLC ±0.10			
		4 PLC ±			
		4 PLC ±			
ANGLES		° ±		SIZE CASE CODE DRAWING NO A1 00779 C 1438129	
FINISH				RESTRICTED TO	
MATERIAL				WEIGHT -	
				CUSTOMER DRAWING SCALE 1:1 SHEET 3 OF 10 REF 35	

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

KEYING OPTION B

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
CHK
T. VALASEK

15APR2005

DIMENSIONS:
mm

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±0.3
±0.10
±
±1°
-

-
-

MATERIAL
-

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

DWN
CHK
T. VALASEK

15APR2005

TE Connectivity

NAME
50-WAY HARNESS ASSEMBLY, PCM

SIZE
A1

CAGE CODE
00779

DRAWING NO
1438129

RESTRICTED TO
-

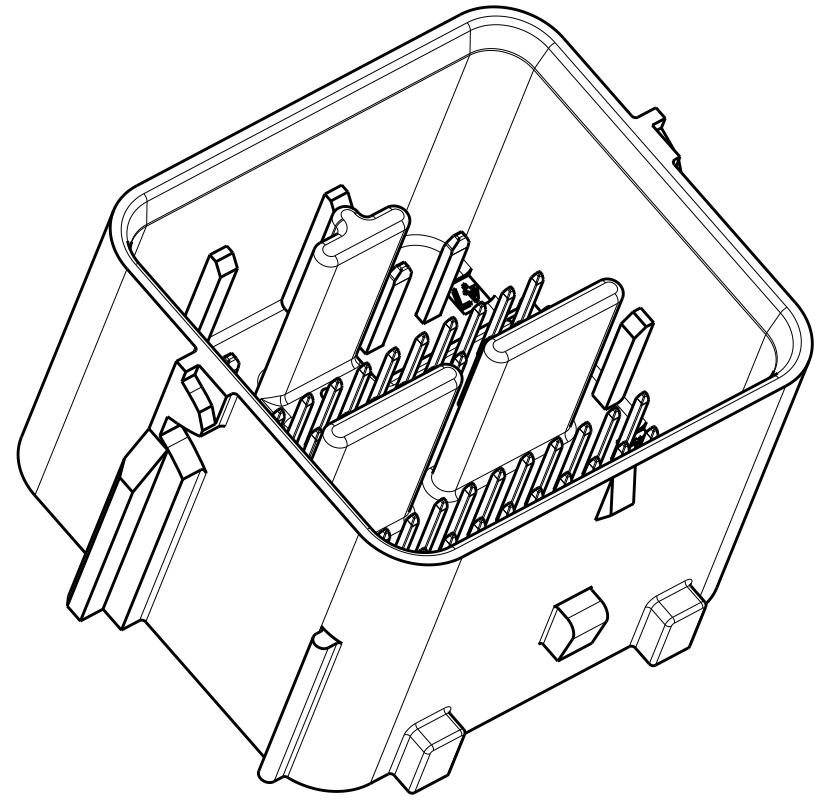
SCALE
1:1

SHEET
4

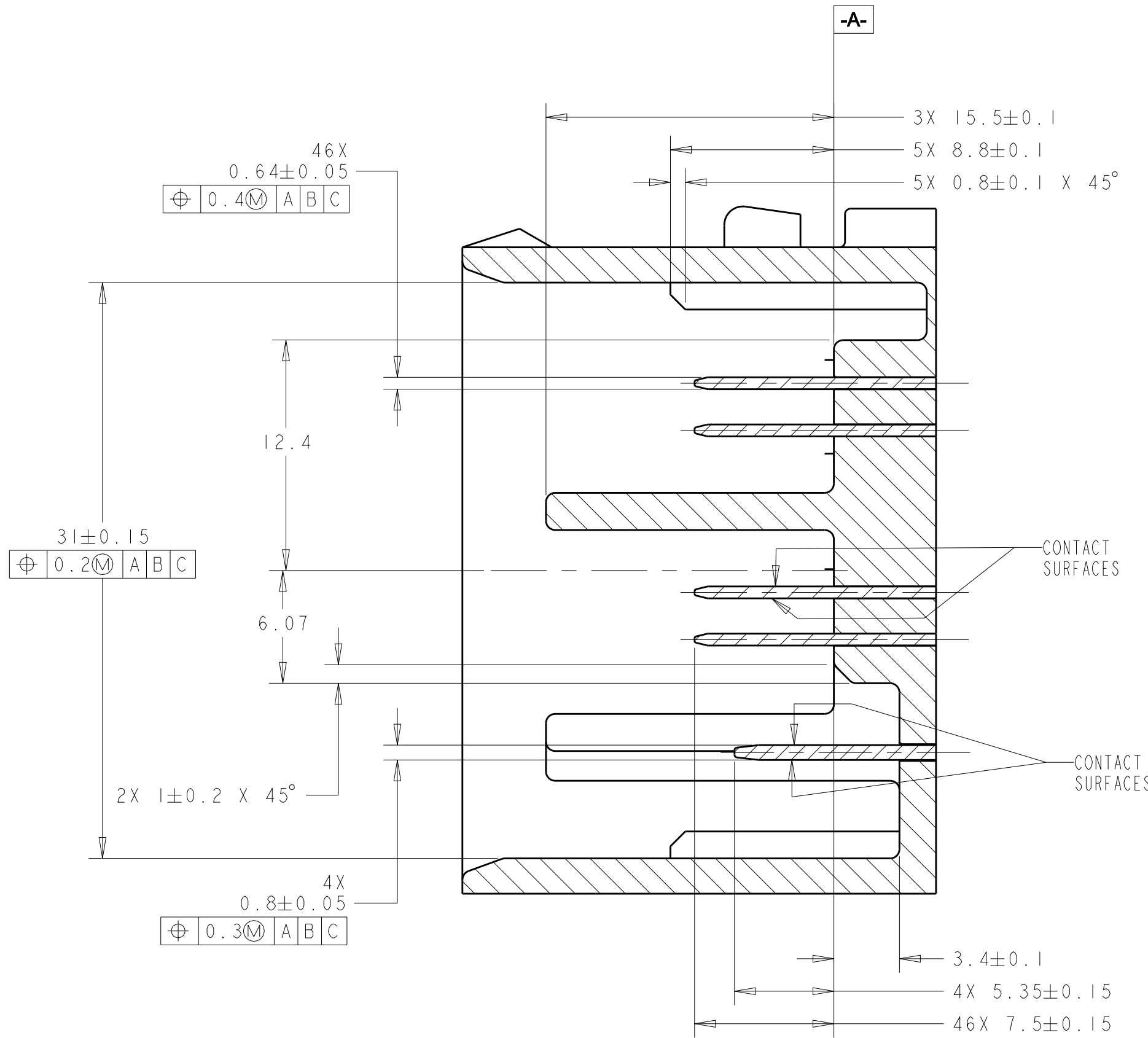
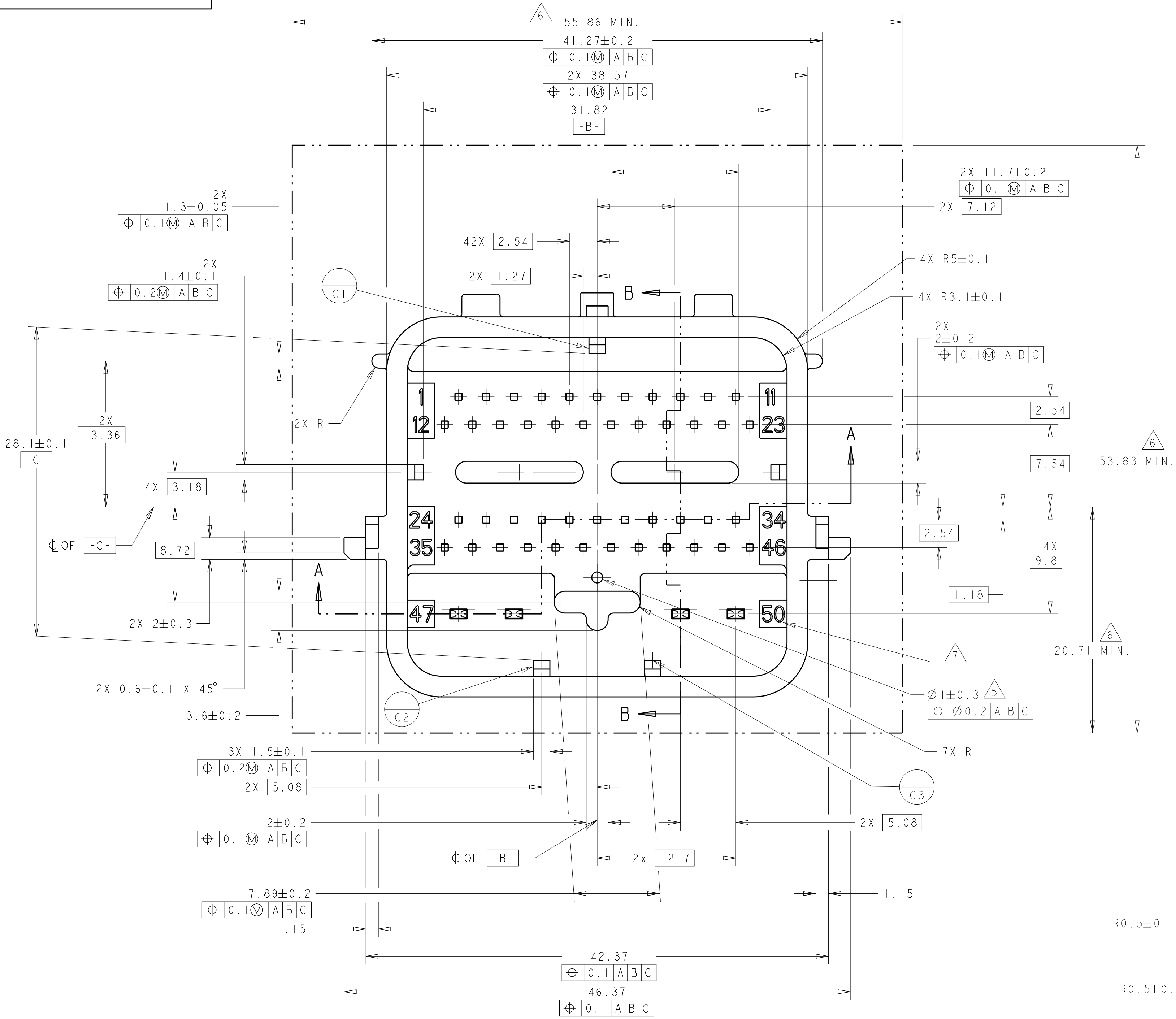
OF
10

REV
F35

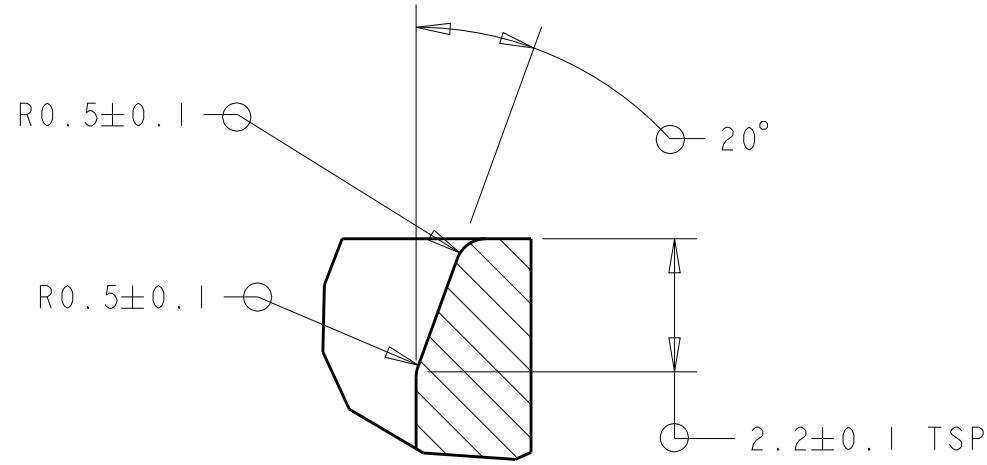
8	7	6	5	4	3	2	1
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SCALE 2:1



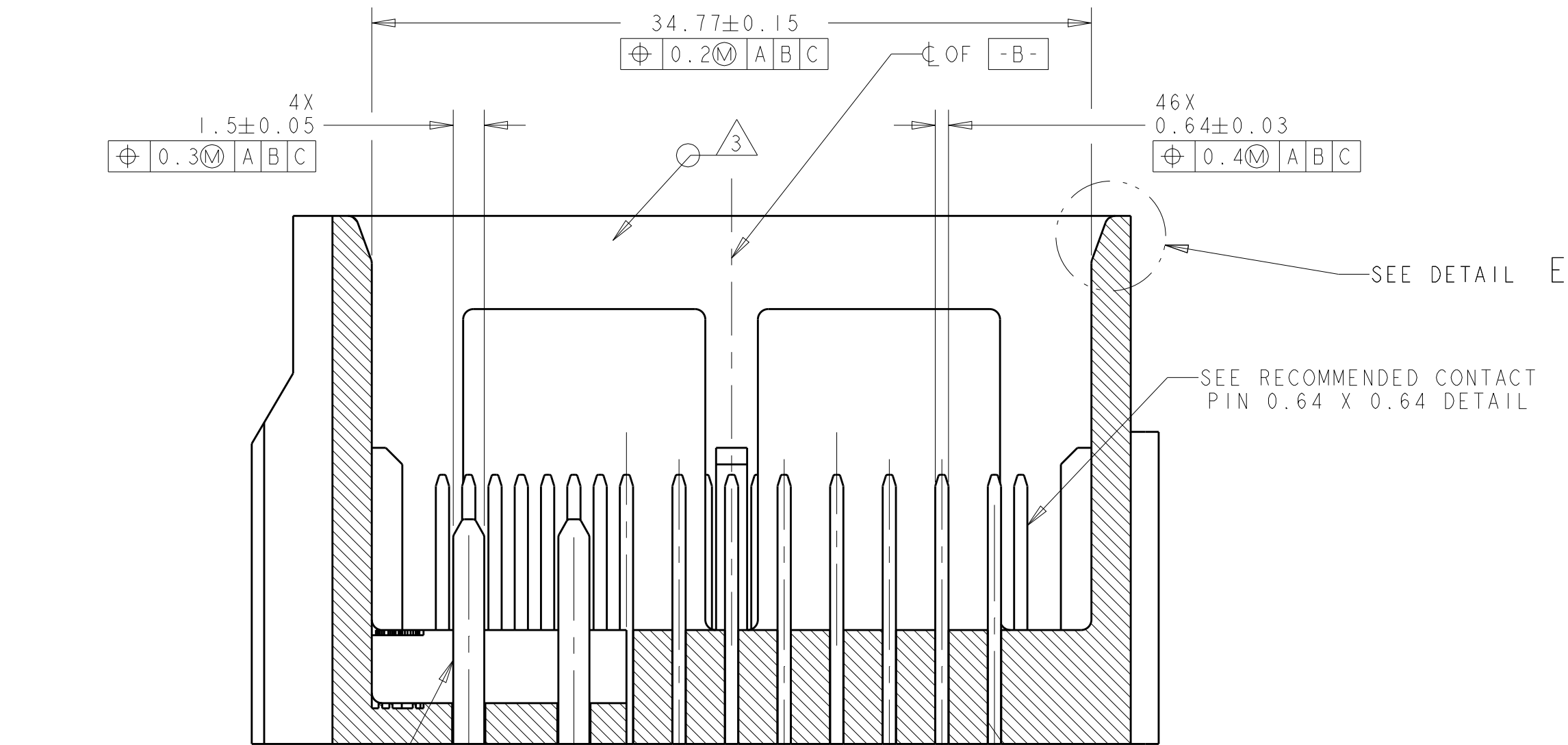
SECTION B-B



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.		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 ±.3	PRODUCT SPEC		SIZE	CAGE CODE DRAWING NO
	2 PLC ±0.10	APPLICATION SPEC		RESTRICTED TO	
MATERIAL	FINISH	WEIGHT		A100779	C=1438129
CUSTOMER DRAWING		SCALE	1:1	SHEET	9 OF 10

Technical drawing of the front view of a rectangular metal plate. The plate features a central rectangular cutout with rounded corners and a small circular hole at its center. The plate is perforated with a grid of small circular holes. Mounting holes are located at the corners and along the edges. Dimensions are indicated as follows:

- ϕ OF -B- (pointing to a top mounting hole)
- ϕ OF -C- (pointing to a side mounting hole)
- $2 \times 1.15 \pm 0.05$ (pointing to the thickness of the plate)
- 2×21.03 (pointing to the width of the plate)
- $2 \times R$ (pointing to the radius of the bottom corners)

Numbered callouts (1, 11, 23, 24, 34, 46, 47, 50) identify specific features on the plate:

- 1, 11, 23: Top edge holes
- 24, 34, 46: Middle edge holes
- 47, 50: Bottom edge holes

Technical drawing of the rear view of a 50-pin D-sub connector. The drawing shows the connector housing with 50 pins arranged in two rows of 25. The pins are numbered 1 through 50. The drawing includes dimensions for the overall width (2X 23.03), the distance between the pin rows (2X 1.3+0.30/-0.15), and the distance from the mounting flange to the first pin (2X R). The drawing also shows the mounting flange with two mounting holes. The drawing is labeled "REAR VIEW" and "50-PIN D-SUB CONNECTOR".

[illegible]

Technical drawing of the rear view of a 50-pin connector. The drawing shows a rectangular housing with 50 pins arranged in two rows of 25. Pin numbers 1 through 50 are labeled around the perimeter. Dimensions include a total width of 21.03, a pin pitch of 23.03, and a mounting hole diameter of 1.3 with a tolerance of +0.30/-0.15. A feature control symbol indicates a circular runout of 0.10 MM for the mounting holes. A note specifies "KEYING OPTION "E" SCALE 2:1" and "2X R" for the radius of the mounting holes.

[illegible]

Technical drawing of a mechanical part, likely a bracket or support, showing a cross-section. The drawing includes the following dimensions and callouts:

- Top Section:**
 - Overall width: 20 ± 0.1
 - Distance from left face to centerline: 15.19
 - Two holes: 2×9.57
 - Callout: SEE DETAIL C
- Left Section:**
 - Height from top face to centerline: $19.17^{+0.3}_0$ TSP
 - Callout: -C-
- Right Section:**
 - Callout: SEE DETAIL D
 - Four holes: 4×0.85
 - Four holes: 4×2.97
 - Two holes: 2×4.82
- Bottom Section:**
 - Two holes: 2×11.46
 - Two holes: 2×12.8
 - Two holes: 2×14.96
 - Two holes: 2×16.3
 - Two holes: 2×18.92
 - Two holes: 2×0.64

—SEE DETAIL C

— SEE DETAIL D

Technical drawing of a mechanical part, showing two views: a top view (DETAIL D) and a side view (DETAIL C).

DETAIL D (Top View):

- Overall width: 25.72
- Central slot width: 8.15
- Central slot depth: 2.04
- Curved end radius: R11.11
- Angles: 20°, 36°, 20°
- Surface finish: 0.15 A C
- Section line: -C-

DETAIL C (Side View):

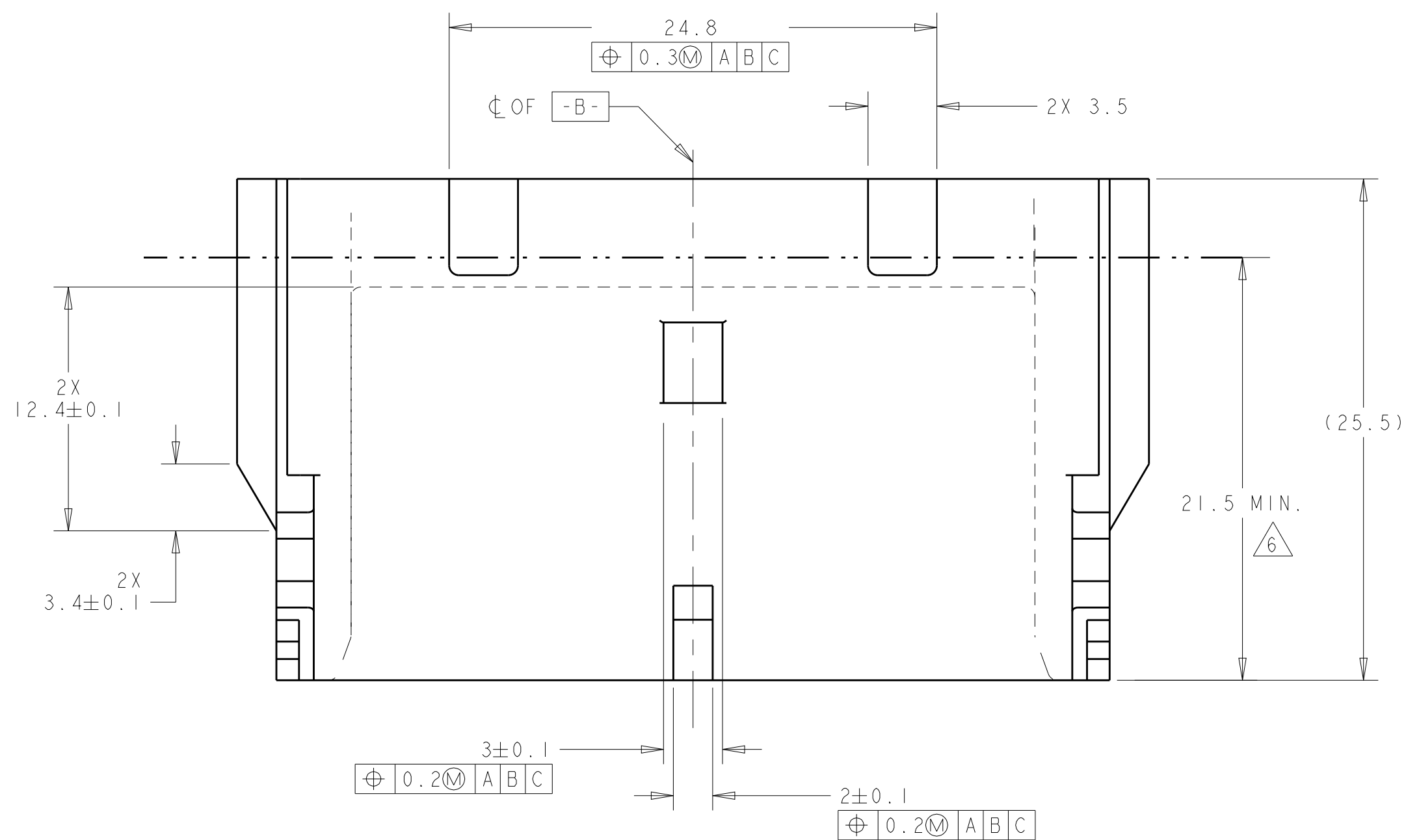
- Overall height: 6.74
- Central slot depth: 2.04
- Curved end radius: R11.11
- Angles: 60°, 18°
- Surface finish: 0.15 A C
- Section line: -A-

DETAIL D
SCALE 6:1
TYP. 2 PLCS.

DETAIL C
SCALE 6:1

DETAIL D
SCALE 6:1
TYP. 2 PLCS.

DETAIL C
SCALE 6:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DESIGNED BY: J. VESTAL 15APR2005 CHK CHECKED BY: T. VALASER 15APR2005 APP'D APPROVED BY: T. VALASER 15APR2005		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.0 1 PLC ±.03 2 PLC ±0.10 3 PLC ±.05 4 PLC ±.05 5 PLC ±.05 ANGLES ±1°		NAME 50-WAY HARNESS ASSEMBLY, PCM -	
		PRODUCT SPEC APPLICATION SPEC		SIZE CAGE CODE DRAWING NO A100779C1438129	
MATERIAL -		FINISH -		RESTRICTED TO -	
WEIGHT -		CUSTOMER DRAWING -		SCALE 1:1 SHEET 10 OF 10 REF 35	

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