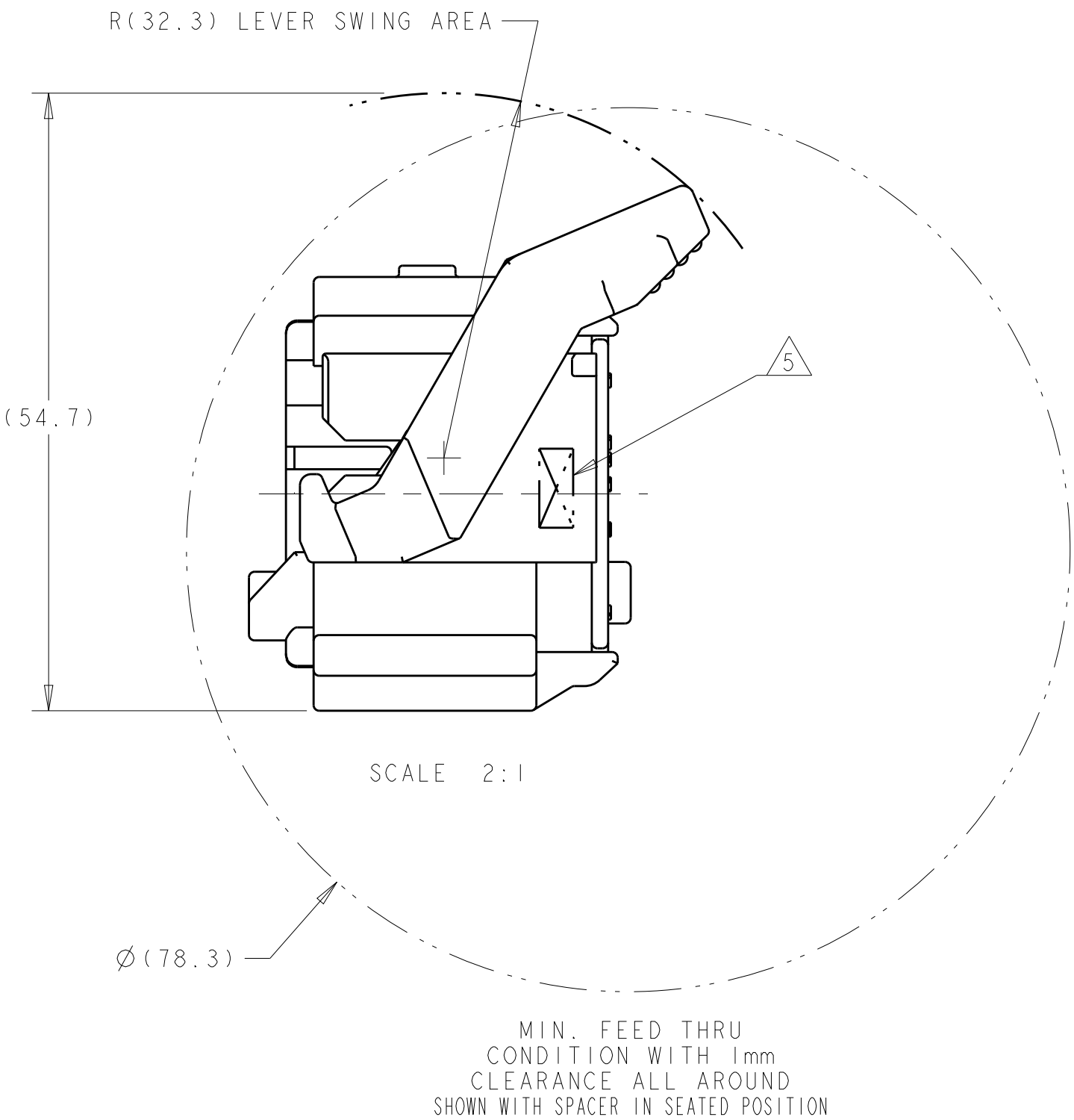




1438129-1
SHOWN WITH SPACER
IN SEATED POSITION

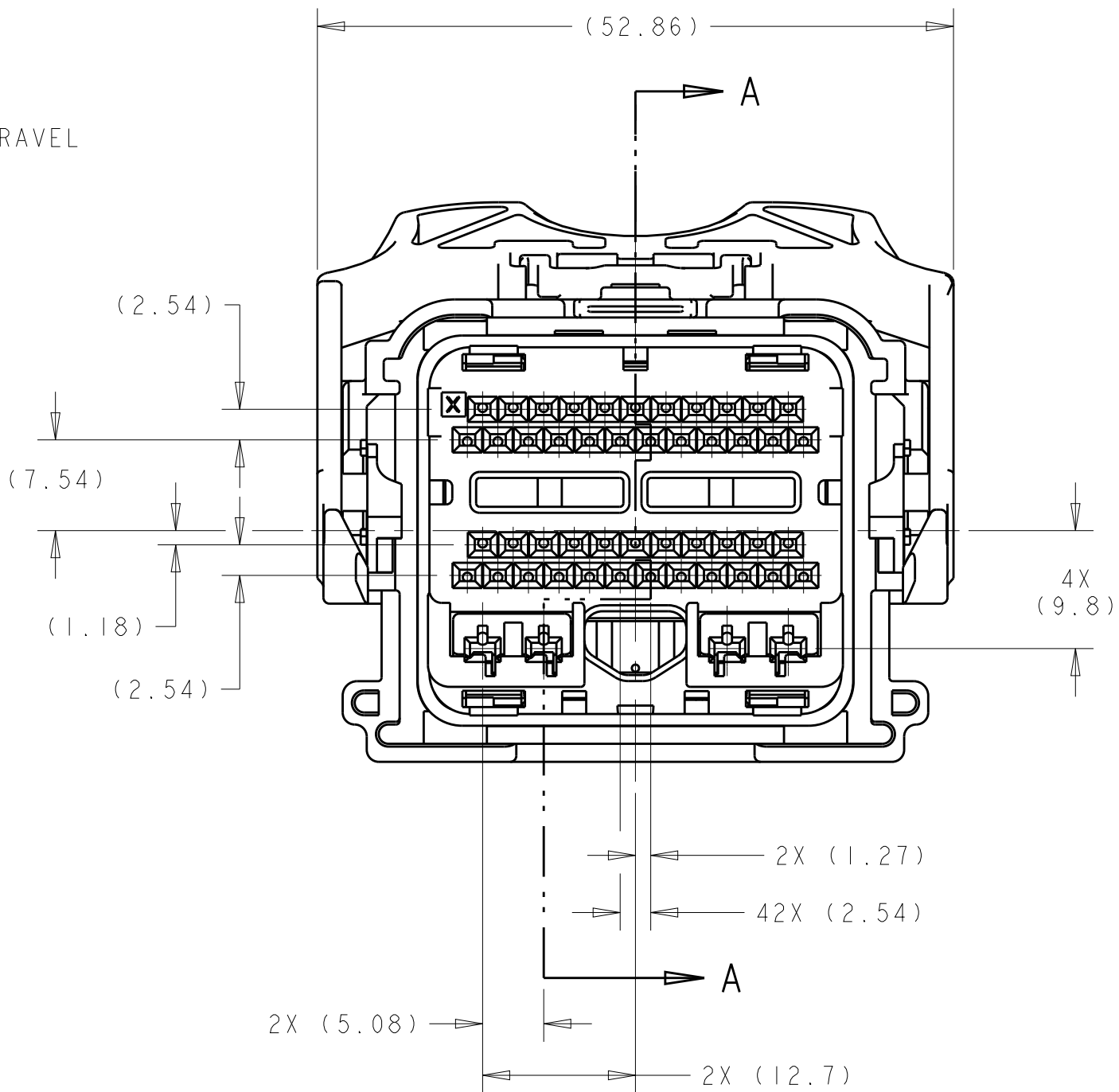


REVISIONS					
P.	LTR	DESCRIPTION	DATE	DWN	APVD
F32		REVISED PER ECO-16-003418	08MAR2016	DLD	DCM
F33		REVISED PER ECO-16-018427	25JAN2017	DLD	DCM
F34		REVISED PER ECO-17-007768	30MAY2017	DLD	DCM
F35		REVISED PER ECO-17-014872	24OCT2017	JMS	CM

- 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)



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:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 50-WAY HARNESS ASSEMBLY, PCM		
mm						
		APVD T. VALASEK 15APR2005				
		PRODUCT SPEC				
		APPLICATION SPEC				
		FINISH				
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO		
-		-		A1 00779 C=1438129		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		
-		-		-		

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



1438129-1
KEYING OPTION "A"



1438129-2
KEYING OPTION "B"



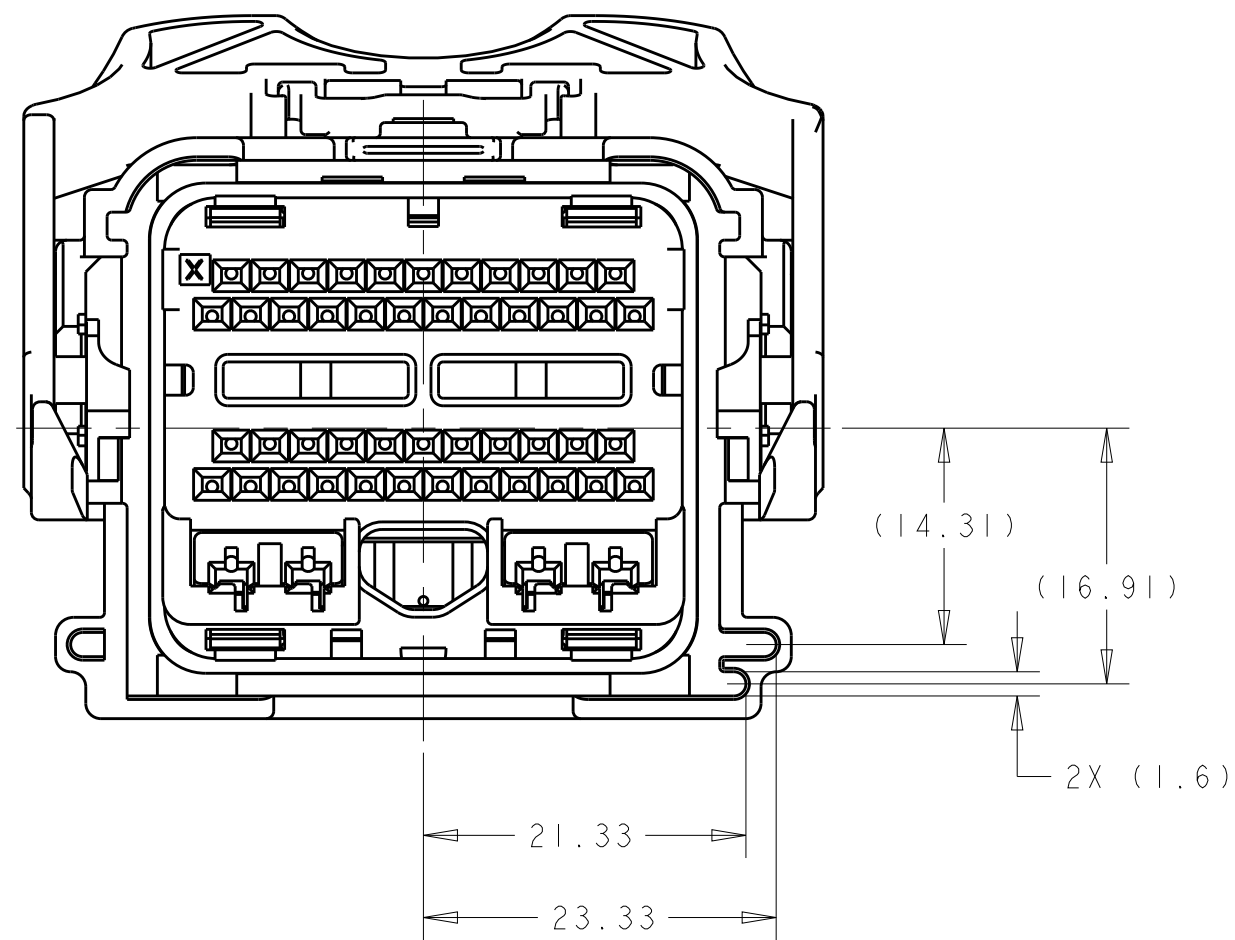
1438129-3
KEYING OPTION "C"



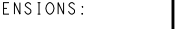
1438129-4
KEYING OPTION "D"



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 -	DRAWING NO C=1438129	
-	-	CUSTOMER DRAWING	RESTRICTED TO -	
		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	
mm				50-WAY HARNESS ASSEMBLY, PCM	
		0 PLC ±		PRODUCT SPEC - APPLICATION SPEC - SIZE CASE CODE DRAWING NO A1 00779 C 1438129 RESTRICTED TO -	
		1 PLC ±0.3			
		2 PLC ±0.10			
		4 PLC ±			
		4 PLC ±			
ANGLES ±1°		WEIGHT			
FINISH				SCALE 1:1 SHEET 3 OF 10 REF 35	
MATERIAL		CUSTOMER DRAWING			

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
±
±
°

MATERIAL
-
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±
±0.3
±0.10
±
±
°

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

NAME
50-WAY HARNESS ASSEMBLY, PCM

SIZE
A1

CAGE CODE
100779

DRAWING NO
1438129

RESTRICTED TO
-

SCALE
1:1

SHEET
4

OF
10

REV
F35

TE

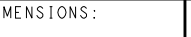
TE Connectivity

THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION	20
© COPYRIGHT 20	BY -	ALL RIGHTS RESERVED.

REVISIONS					
#	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET I	-	-	-

KEYING OPTION B

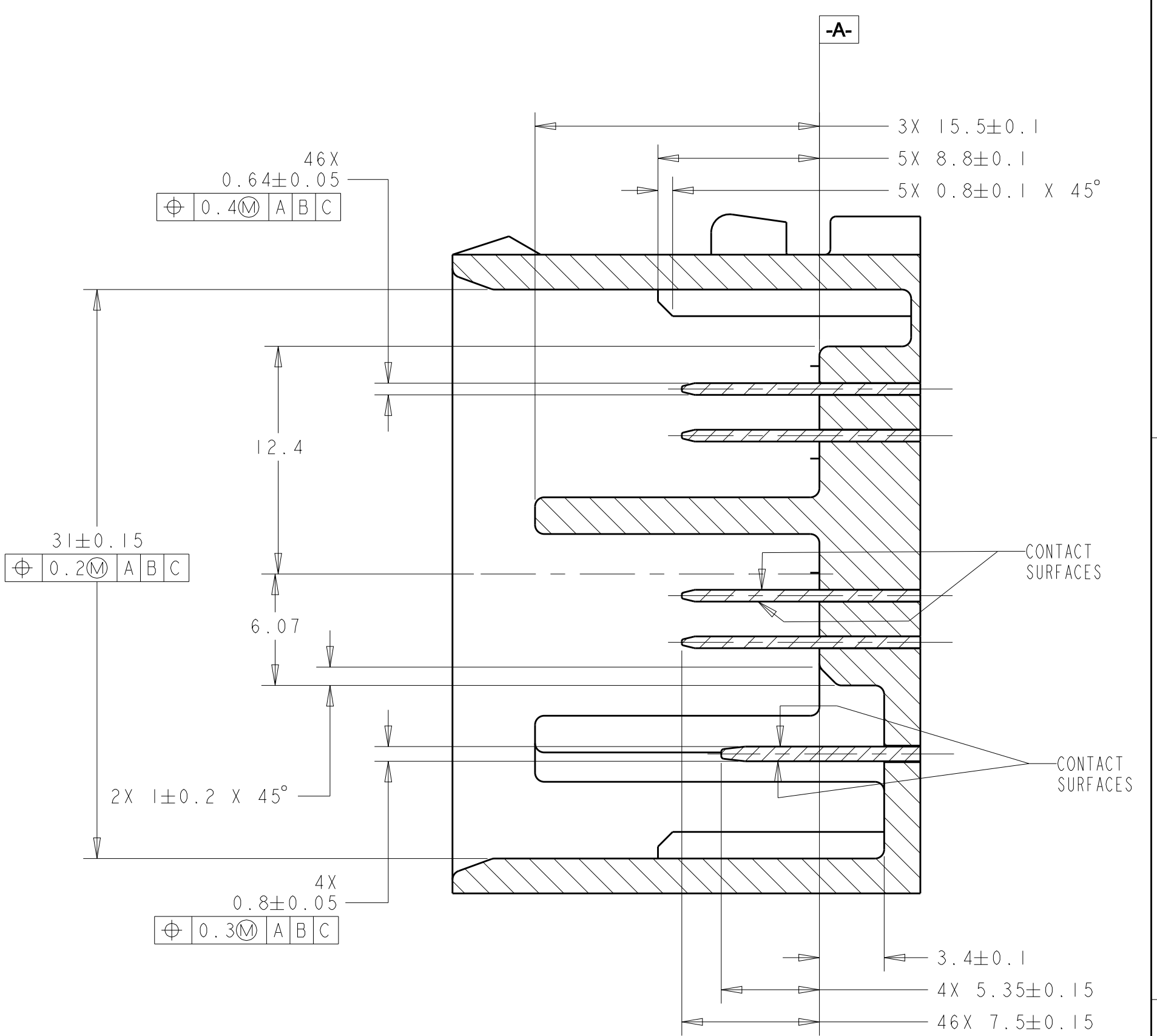
[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.						DWN	15APR2005					
						R. VESTAL	15APR2005				TE Connectivity	
						CW VALASEK	15APR2005					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:				APUR	T VALASEK	15APR2005		NAME		
mm						PRODUCT SPEC				50-WAY HARNESS ASSEMBLY,		
										PCM		
		O PLC + 1 PLC ±0.3 2 PLC ±0.10 3 PLC ± 4 PLC ± ANGLES ±1°				APPLICATION SPEC				SIZE CASE CODE DRAWING NO		RESTRICTED TO
MATERIAL		FINISH				WEIGHT		A1		100779C-1438129		-
										SCALE 1:1 SHEET 5 OF 10 REF 35		
CUSTOMER DRAWING												

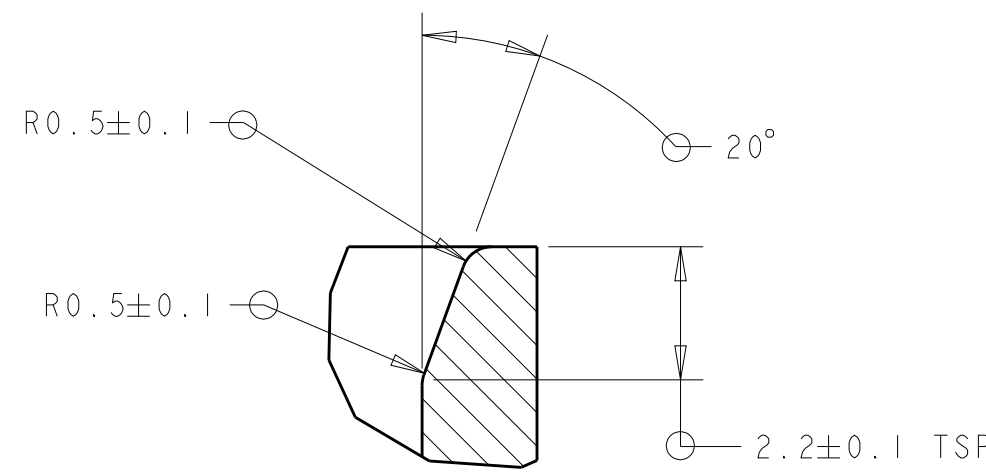
8	7	6	5	4	3	2	1
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20			
© COPYRIGHT 20		BY -		ALL RIGHTS RESERVED.			



SCALE 2:1

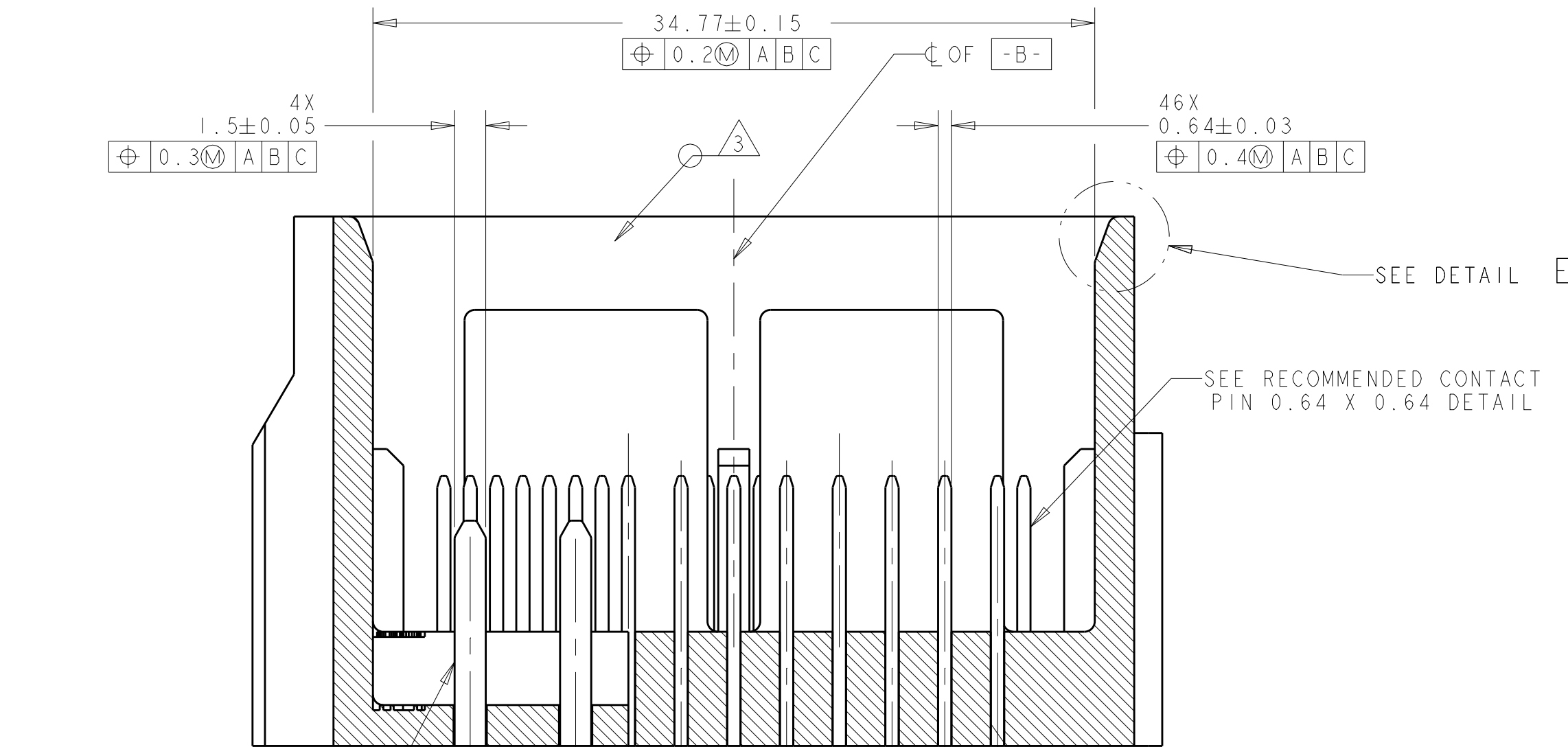


SECTION B-B



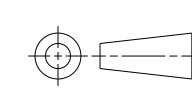
DETAIL E
SCALE 8:1

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

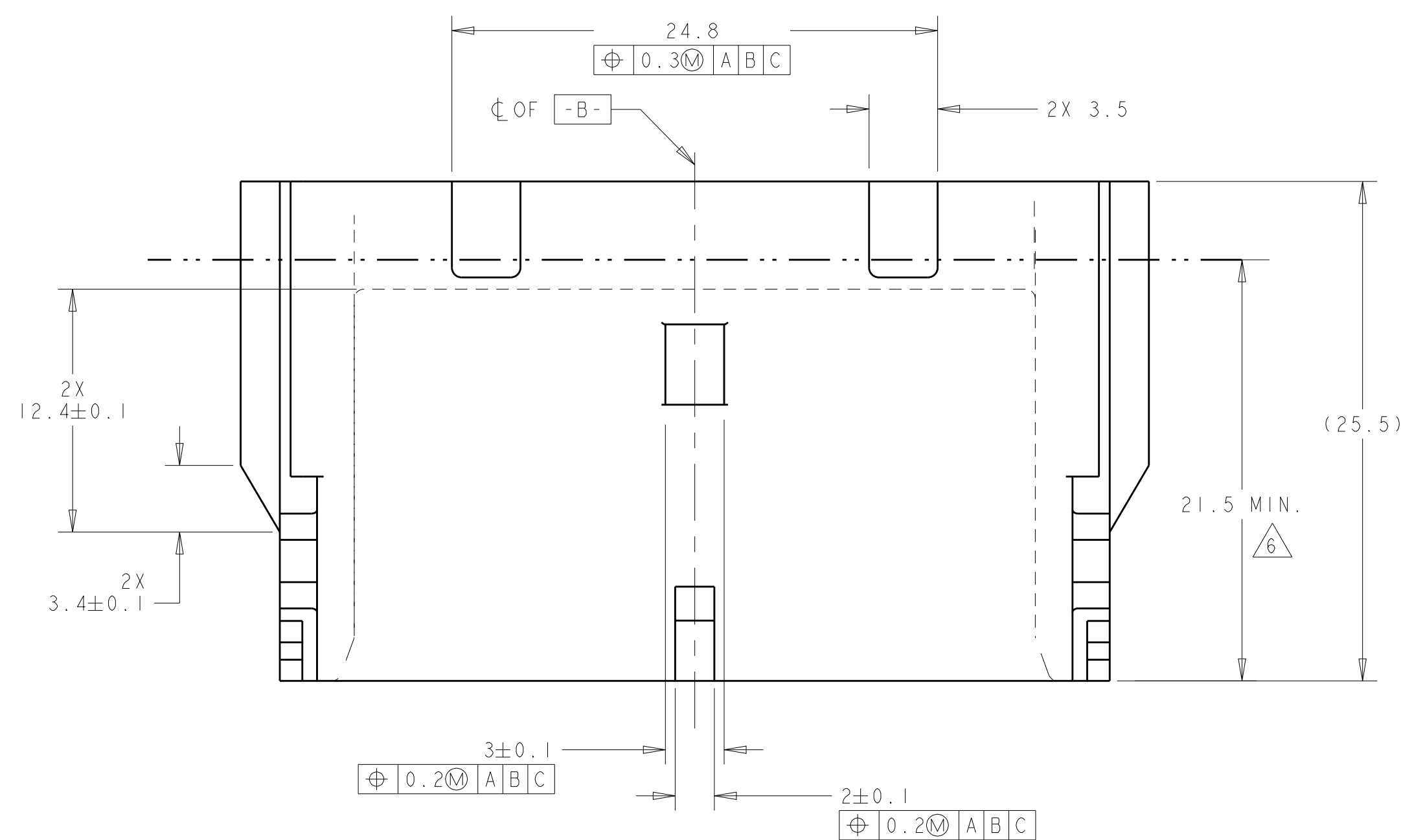
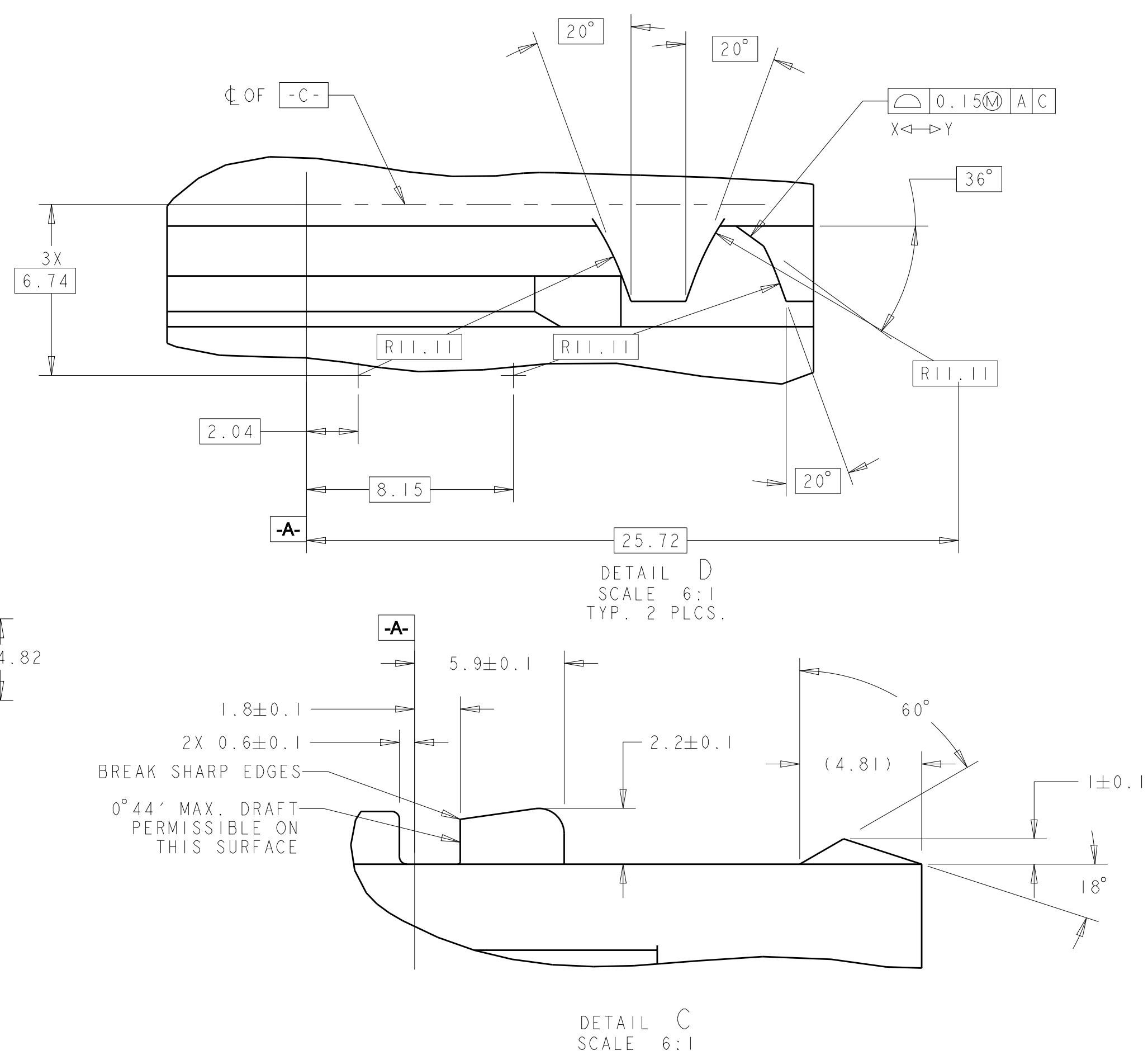
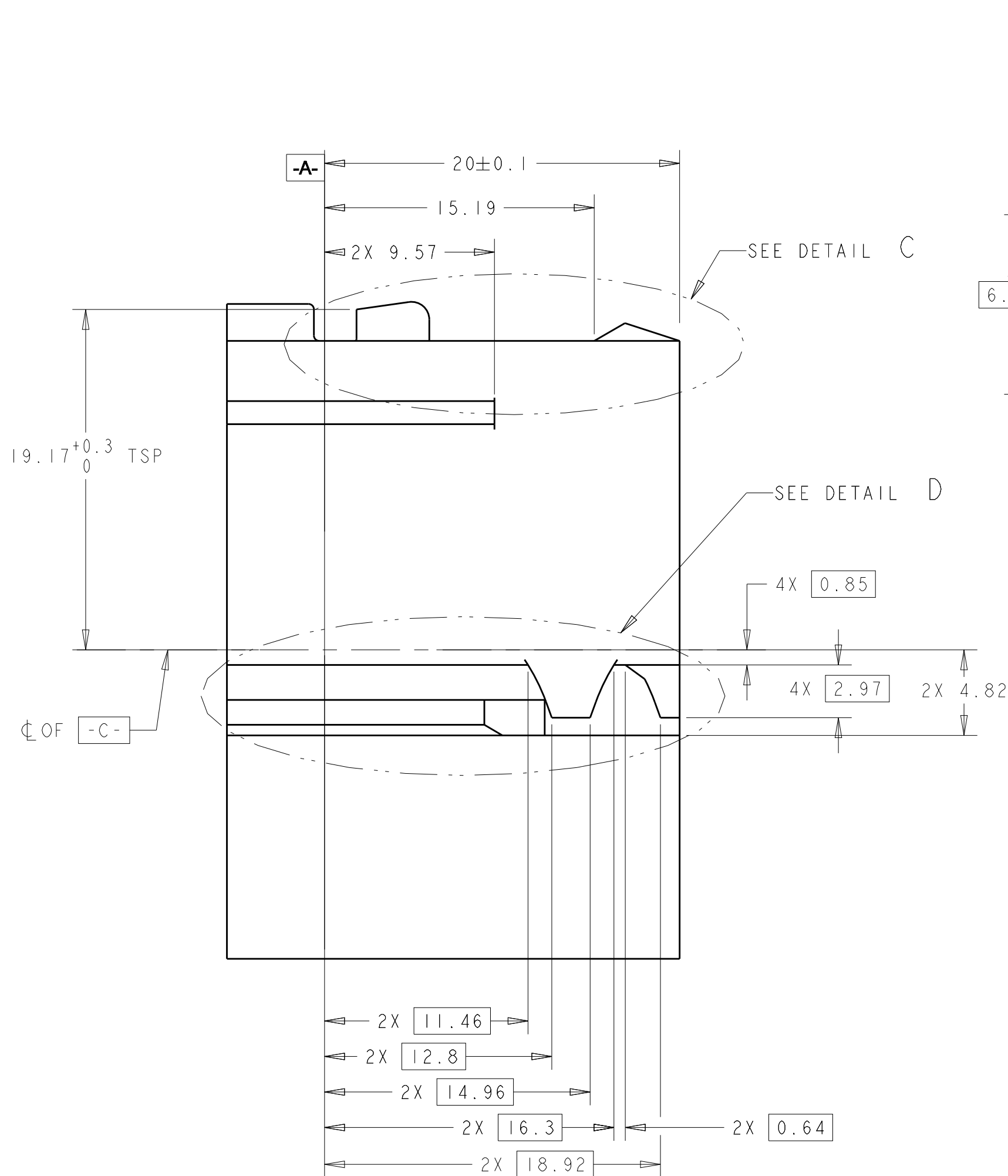
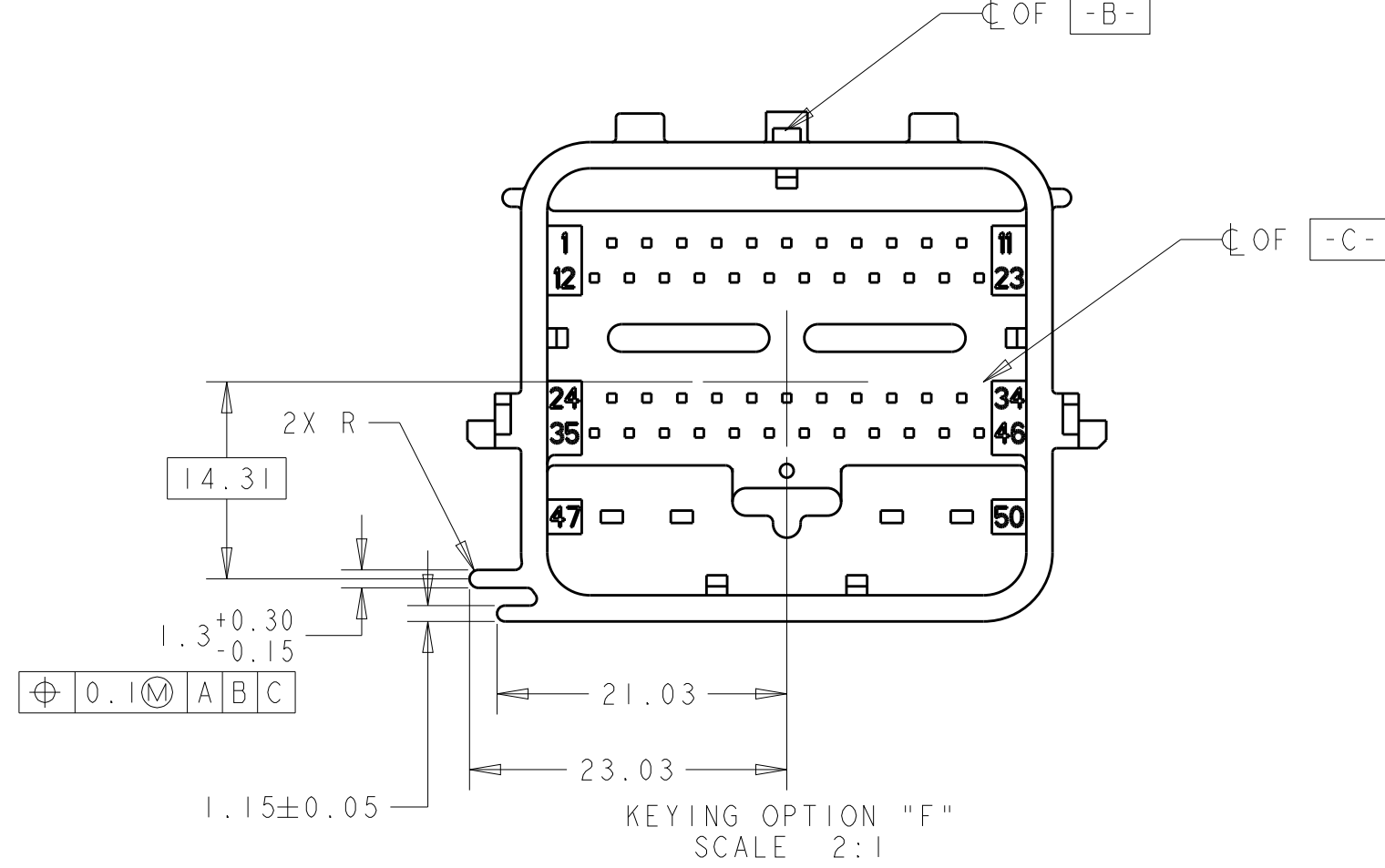
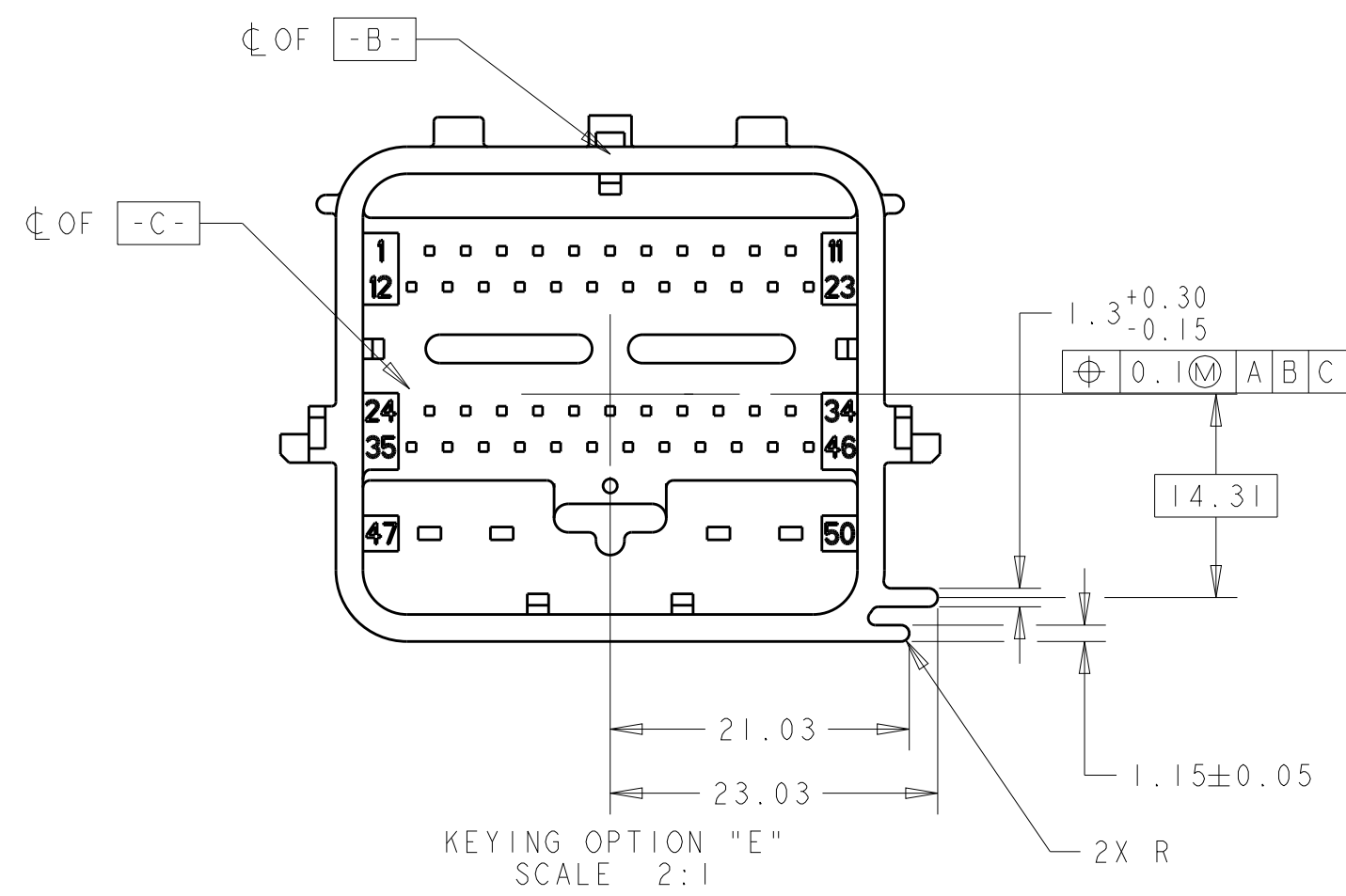
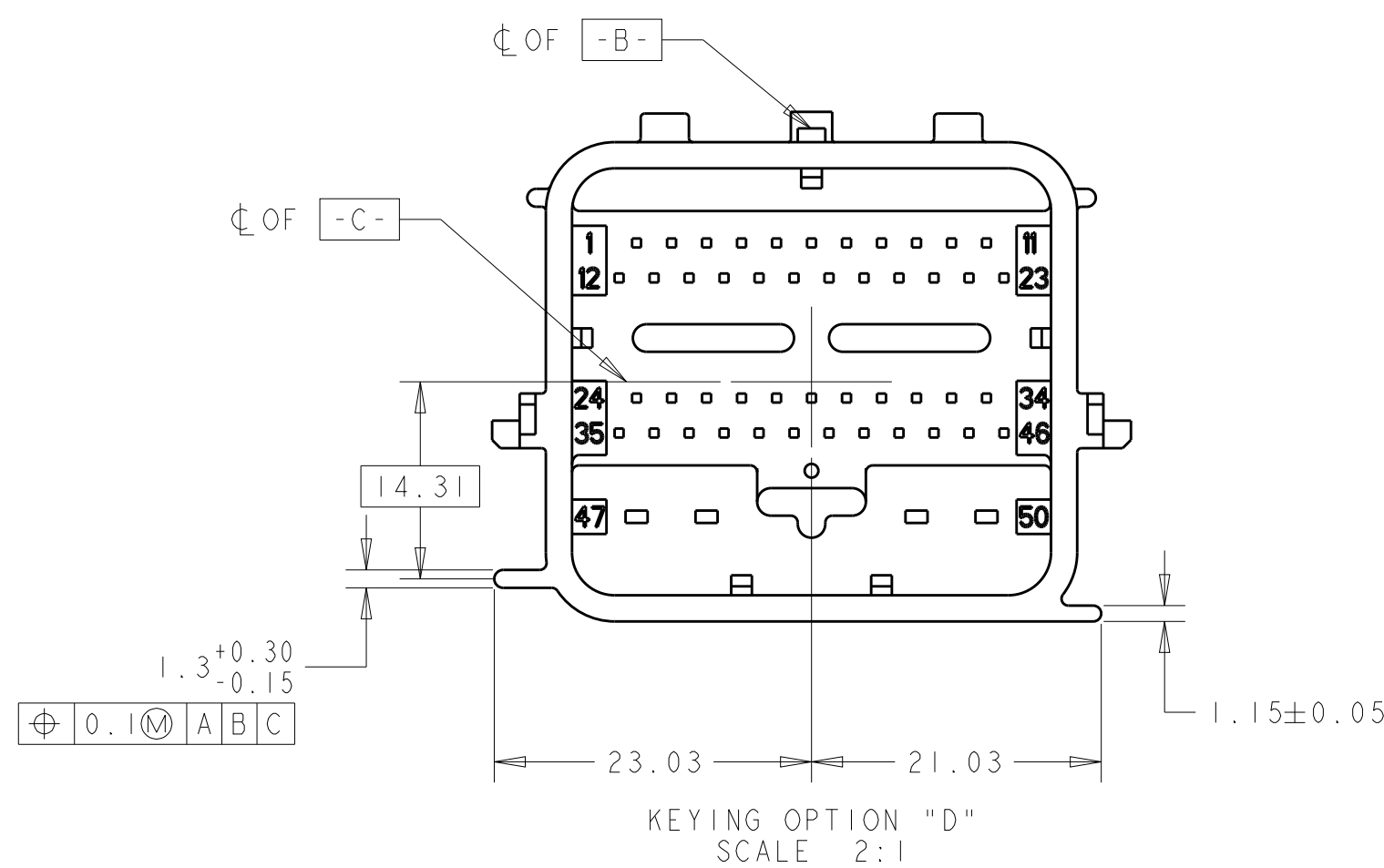
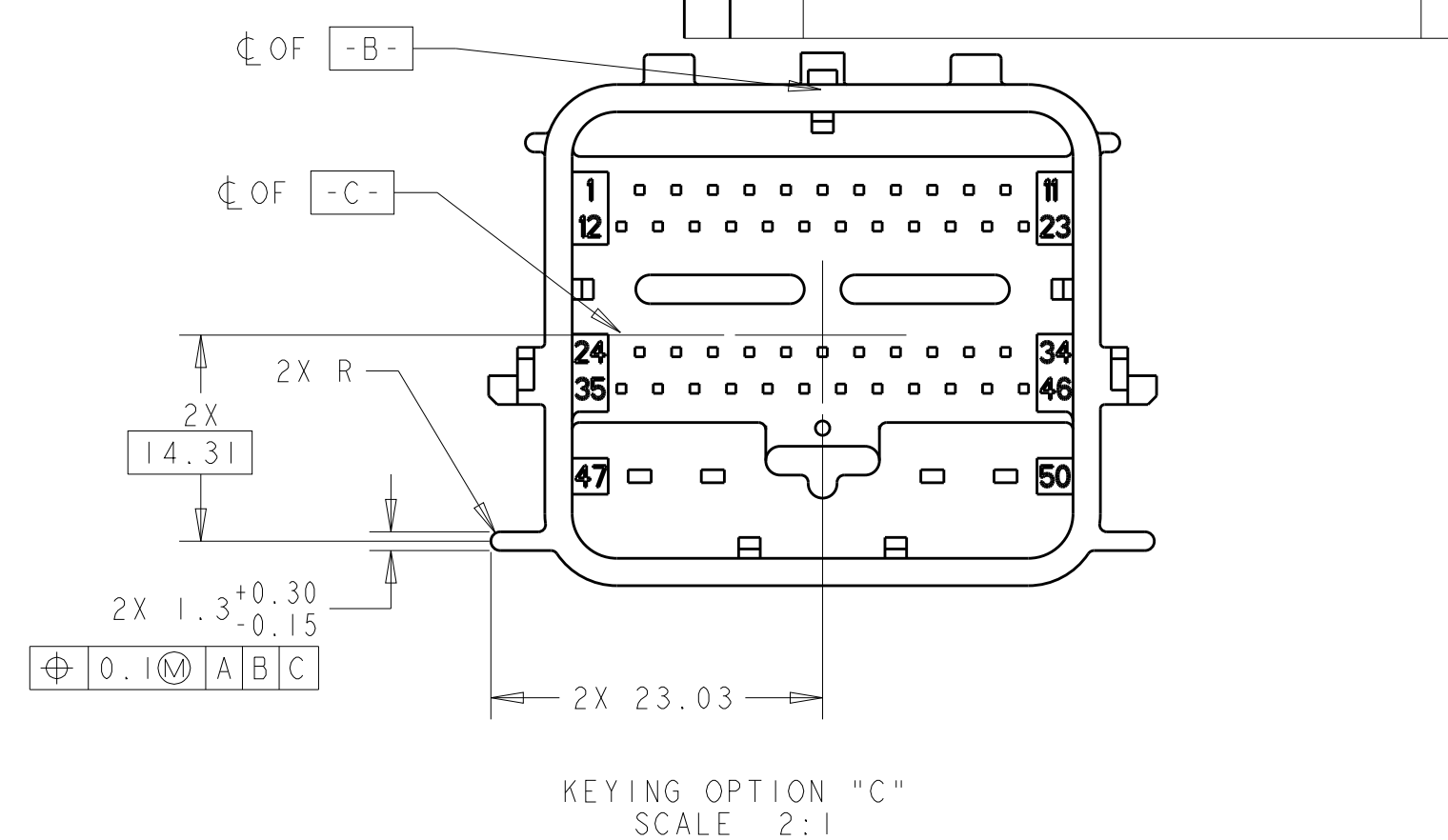
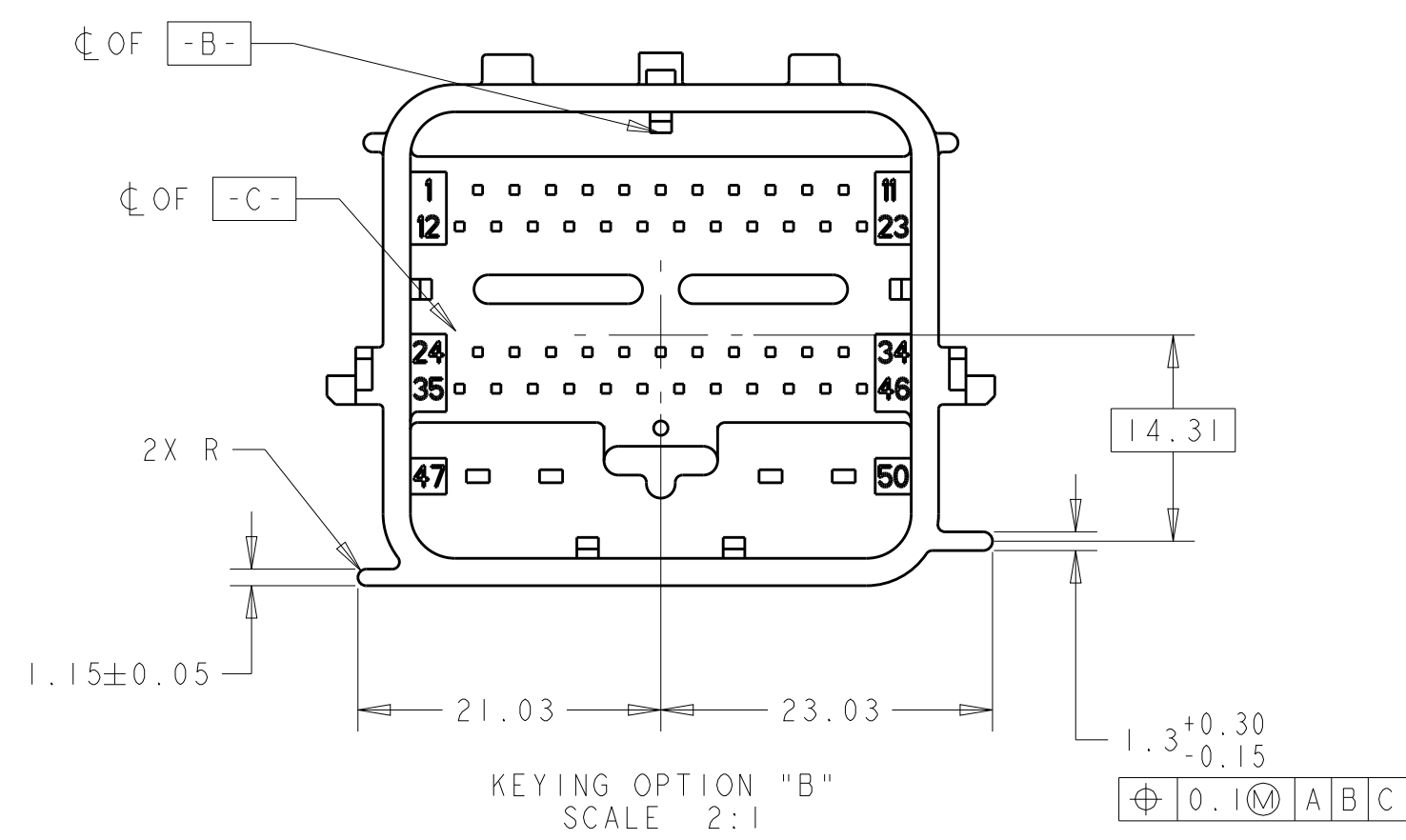


SECTION A-A

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		A100779C=1438129	
CUSTOMER DRAWING		SCALE 1:1		SHEET 9 OF 10	REV F35

Technical drawing of the front view of a 24-pin D-sub connector housing. The drawing shows a rectangular housing with 24 pins arranged in two rows of 12. The top row is labeled 1-12 and the bottom row is labeled 13-24. The housing has mounting tabs on the sides and top. Dimensions are indicated: 2X 1.15 ± 0.05 for the side mounting tabs, 2X 21.03 for the overall width, and 2X R for the radius of the bottom corners. A note indicates "KEYING OPTION "A" SCALE 2:1".



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[3-1924783-3](#)