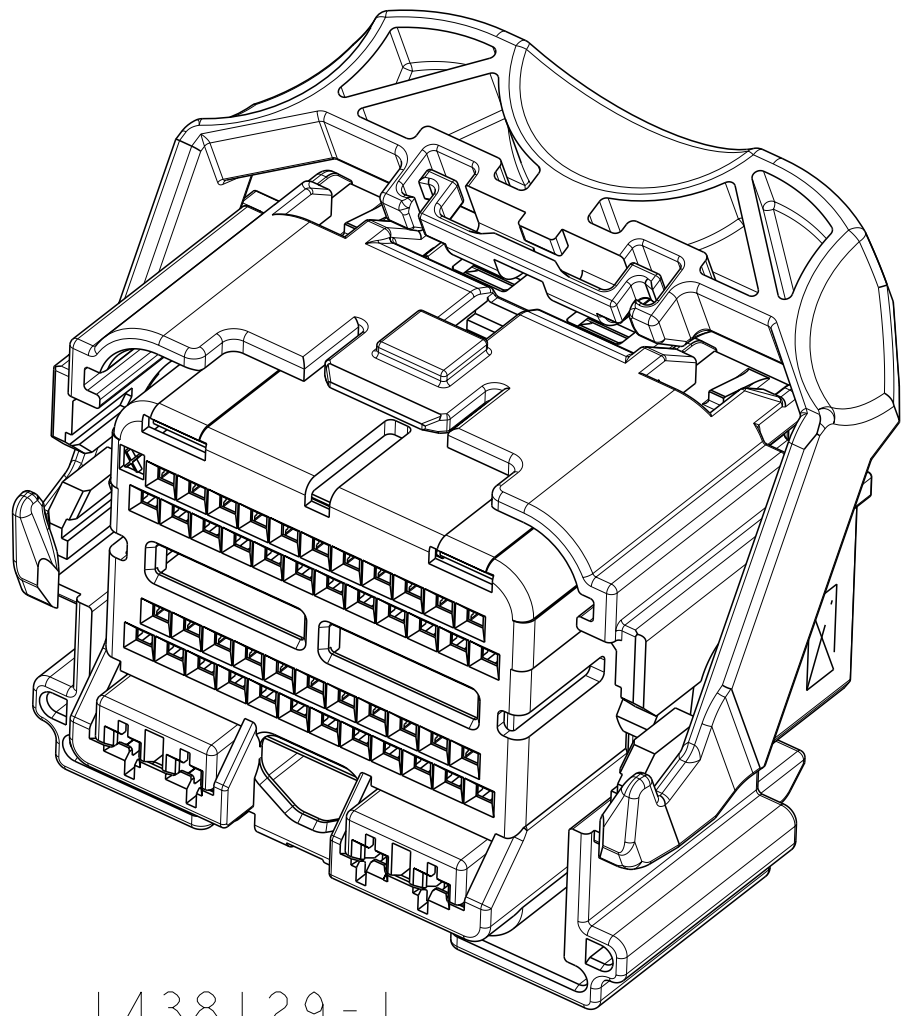


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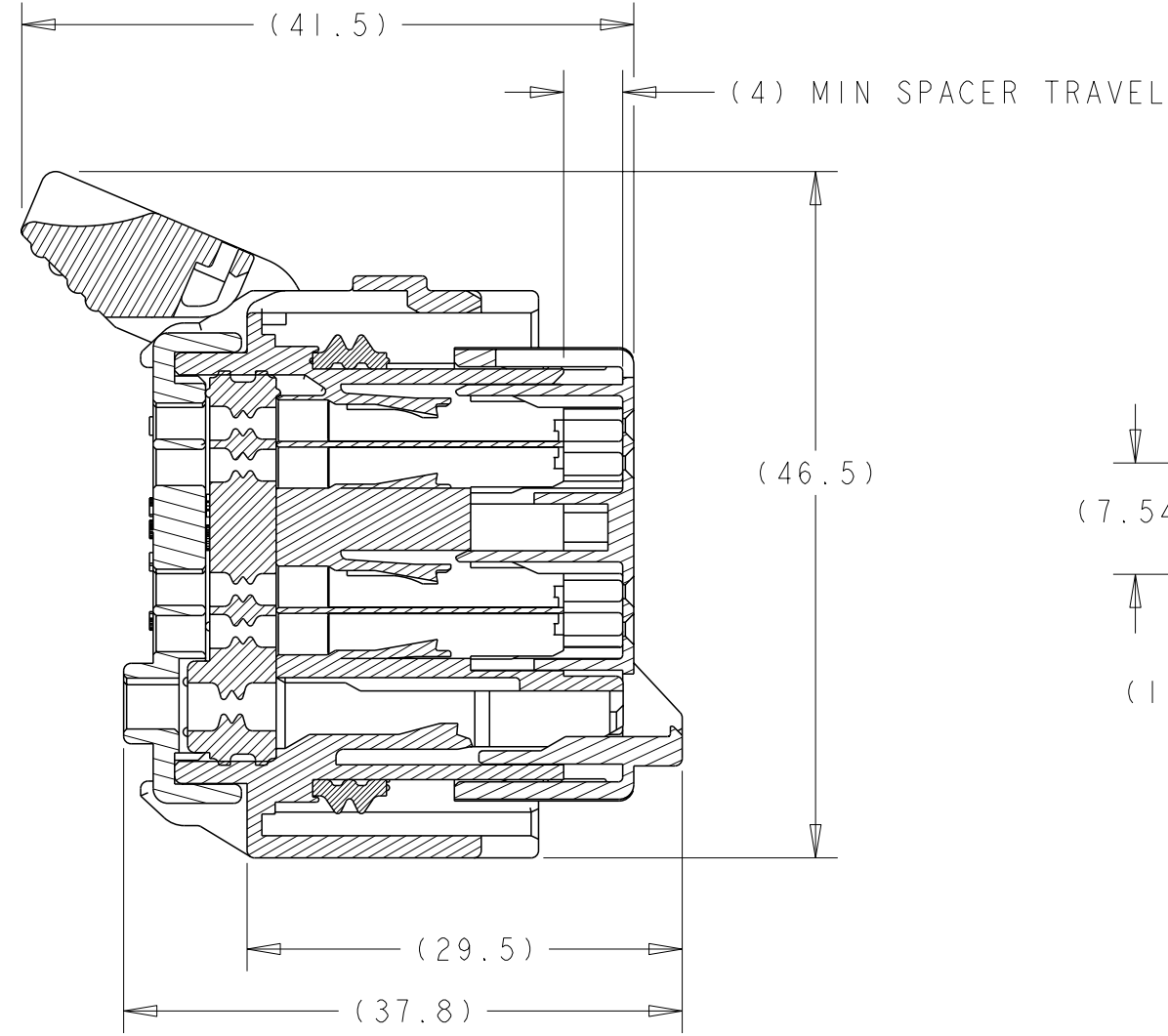
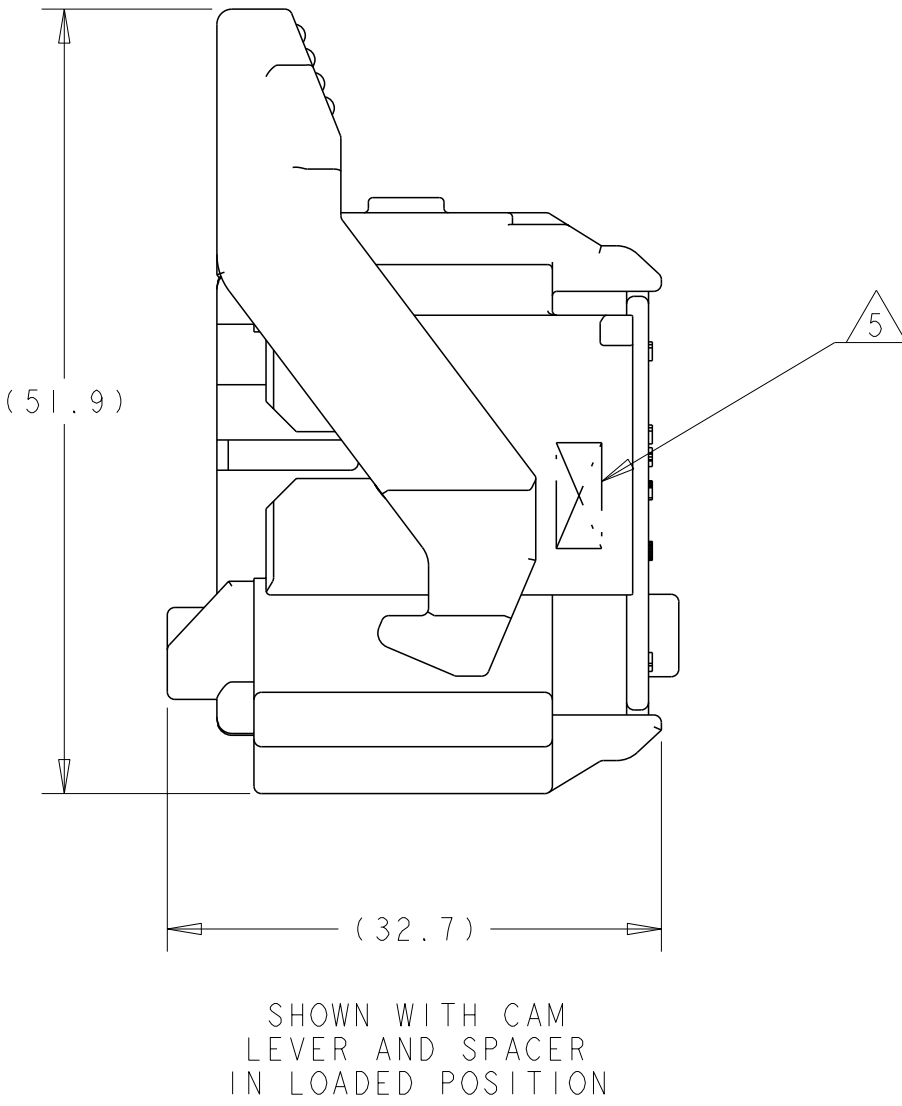
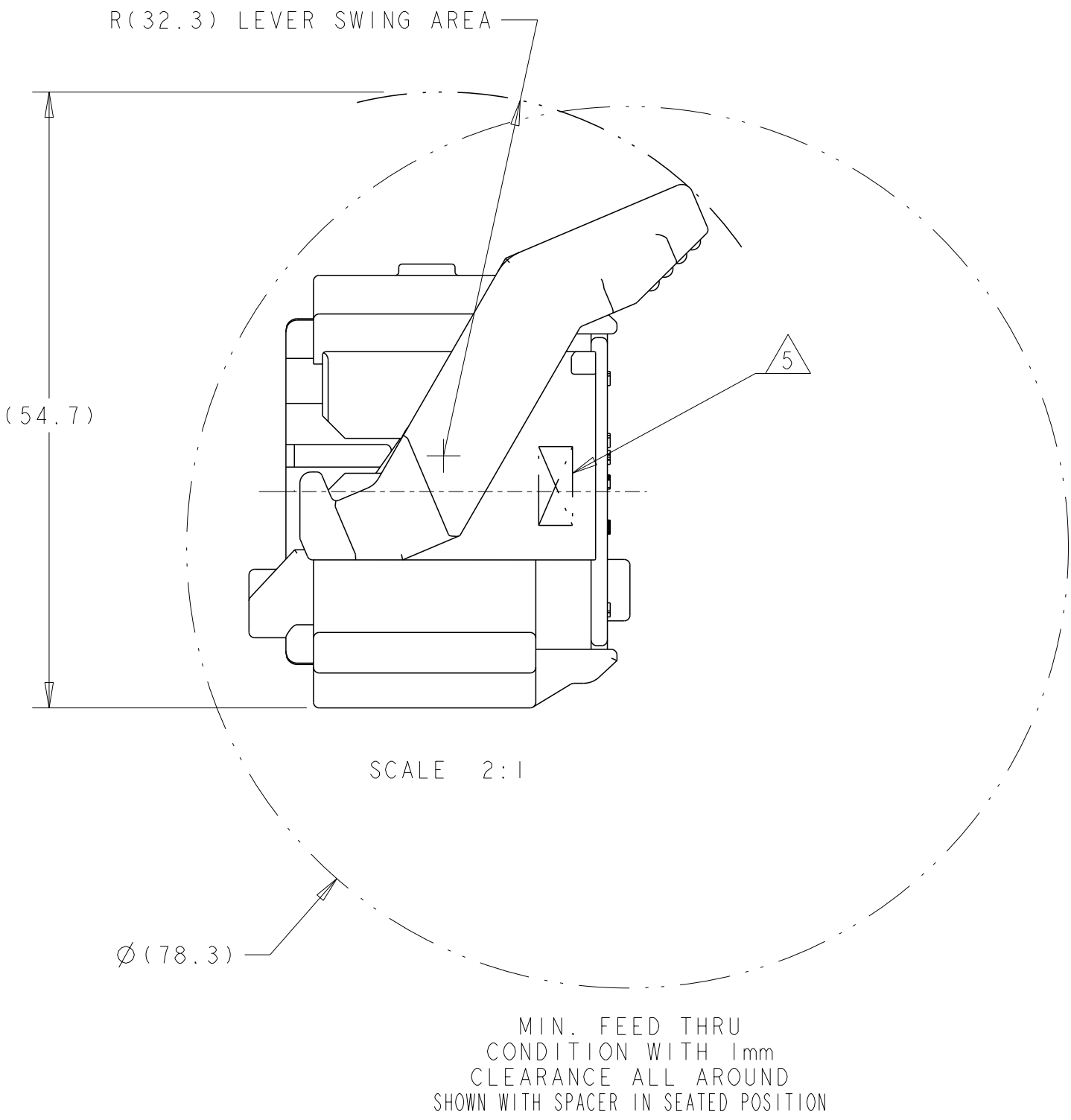
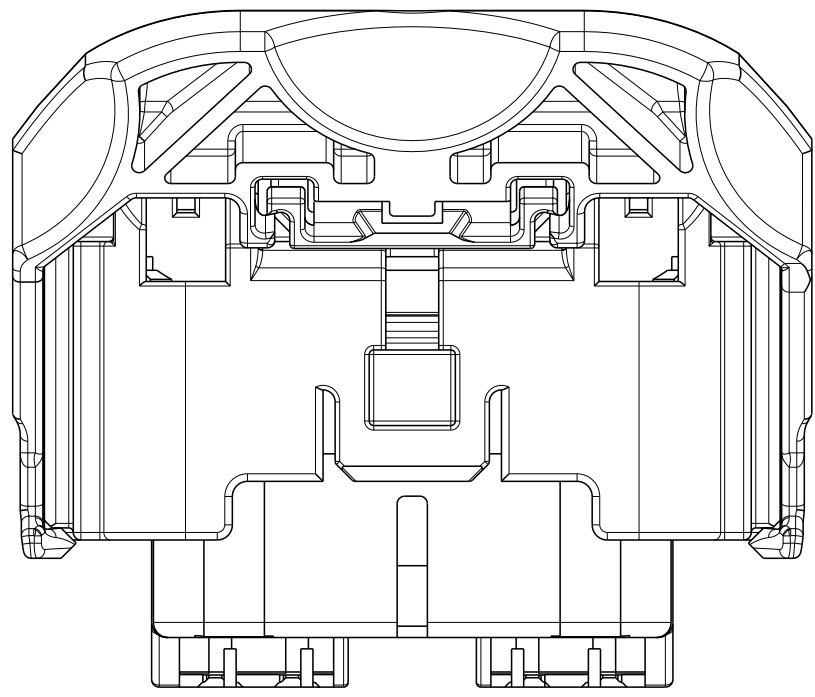
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B

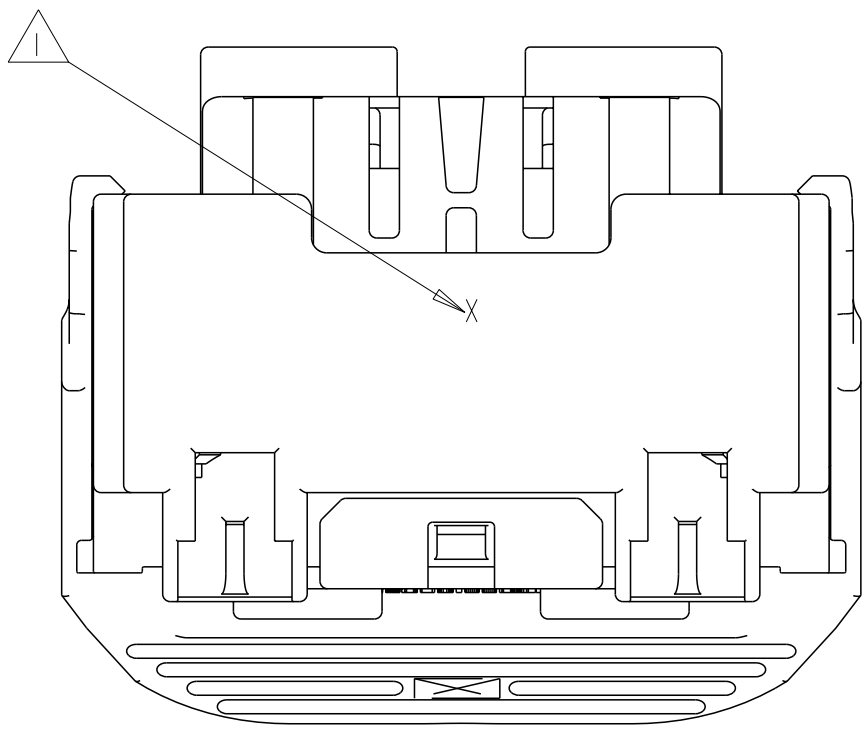
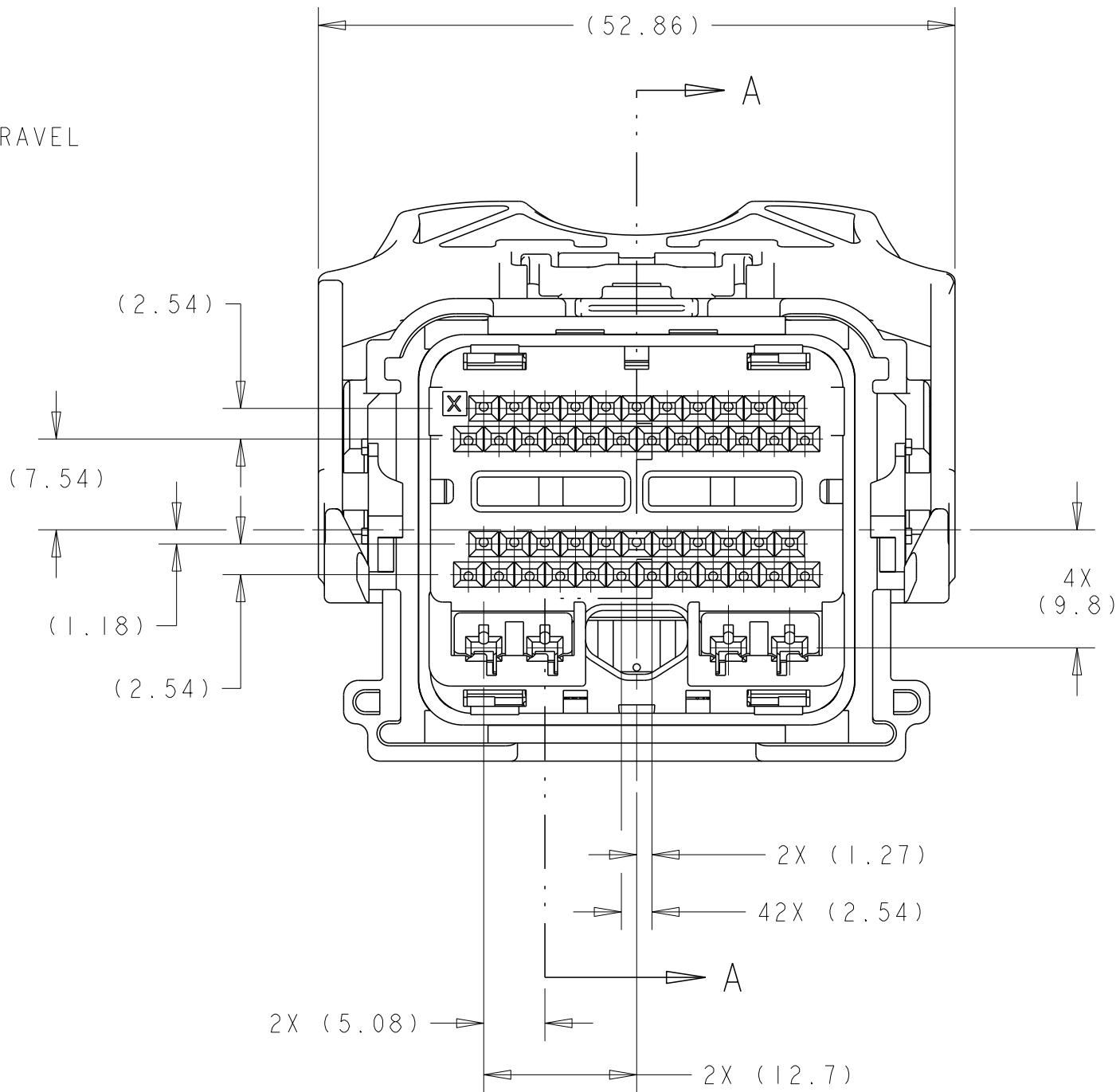
A



1438129-1
SHOWN WITH SPACER
IN SEATED POSITION



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



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

- 1

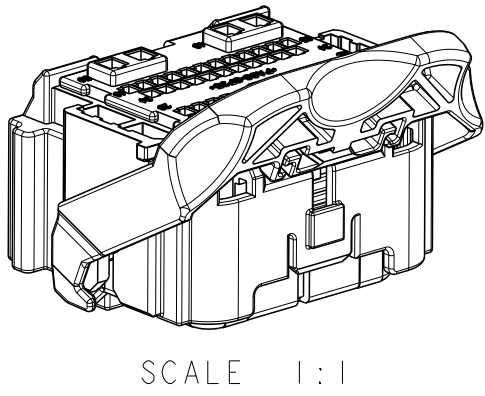
PRINT PART NUMBER (5S4T-14A464-L*-***, 5S4T-14A464-M*-***, 5S4T-14A464-N*-***) AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE IN THE LOCATION AT ASSEMBLY. SEE SHEET 3 THRU 7 (-*) PART NUMBERS.
- 2

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.

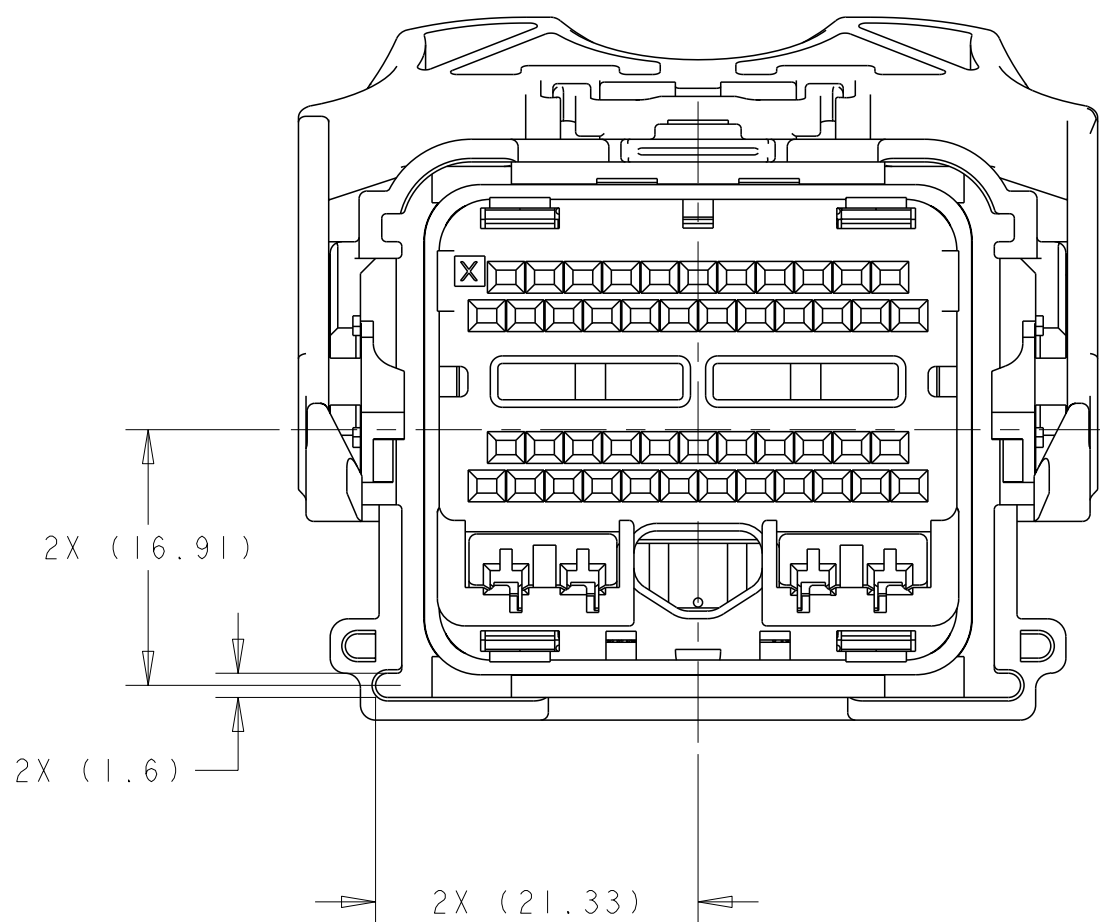
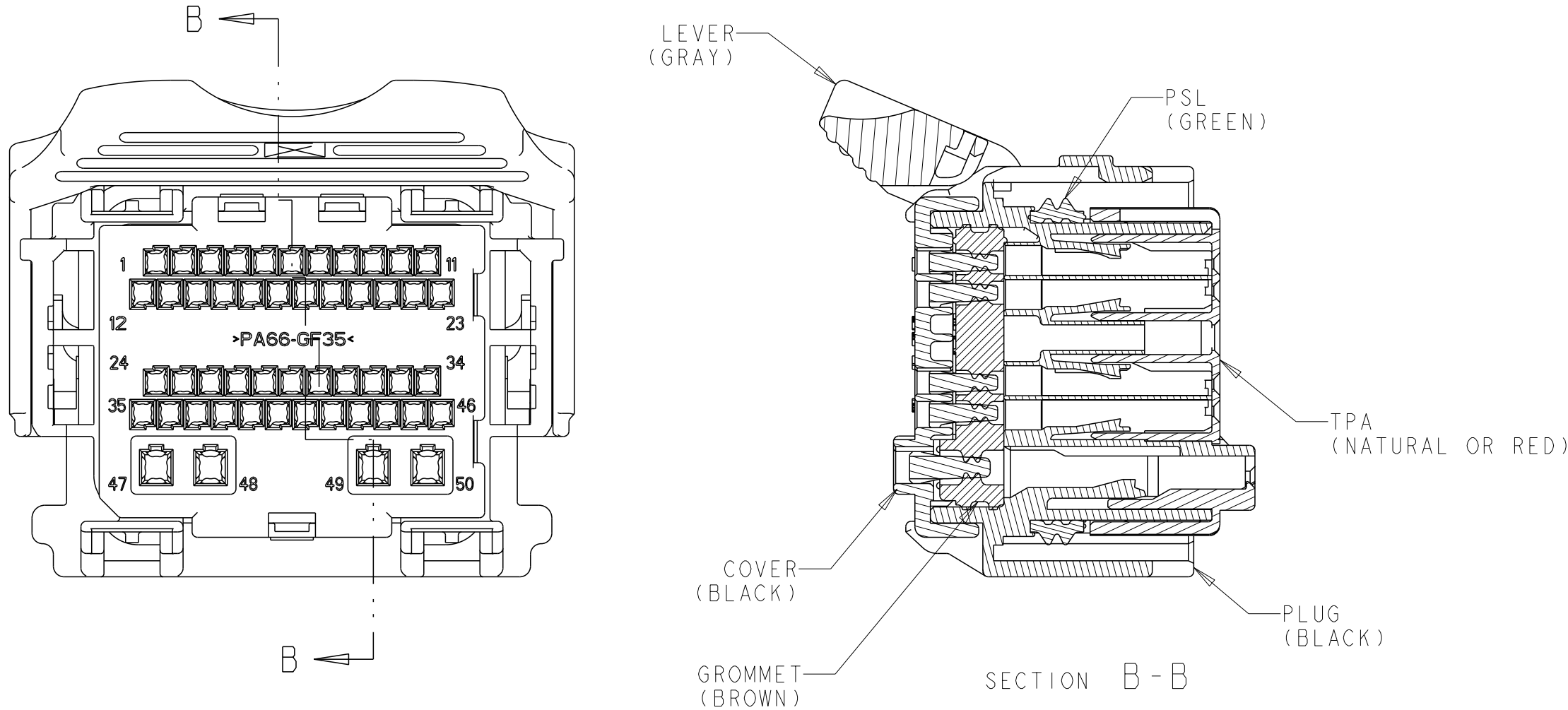


SCALE 1:1

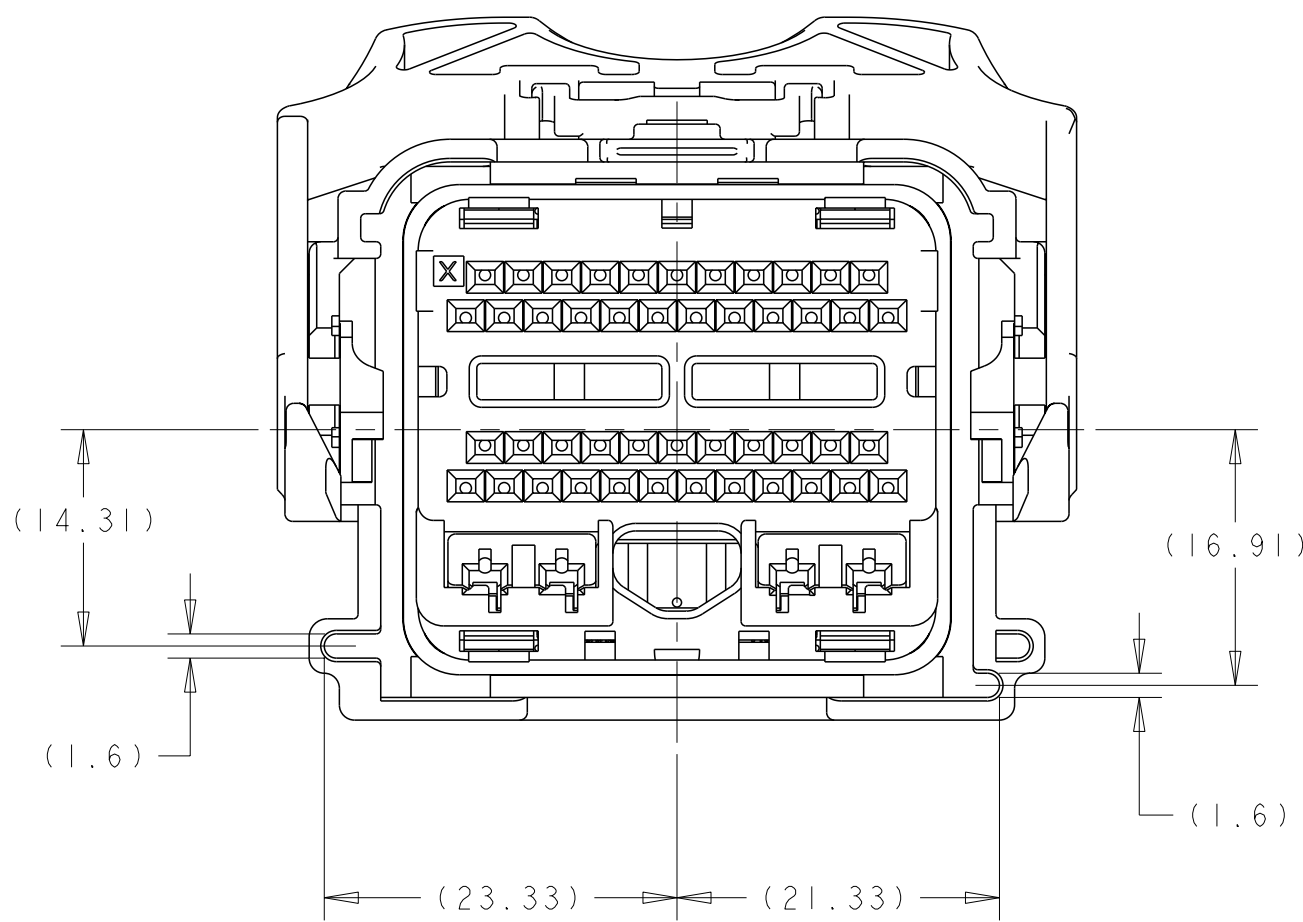
ANY DESIGN CHANGES ON THIS ASSEMBLY MAY
ALSO BE REQUIRED ON ASSEMBLY DRAWING 1438691

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			NAME 50-WAY HARNESS ASSEMBLY, PCM	
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.3 1 PLC ±0.10 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±1°			PRODUCT SPEC APPLICATION SPEC WEIGHT	
MATERIAL -			SIZE CAGE CODE DRAWING NO A100779C=1438129	
CUSTOMER DRAWING			RESTRICTED TO	
			SCALE 1:1 SHEET 1 OF 10 REV F37	

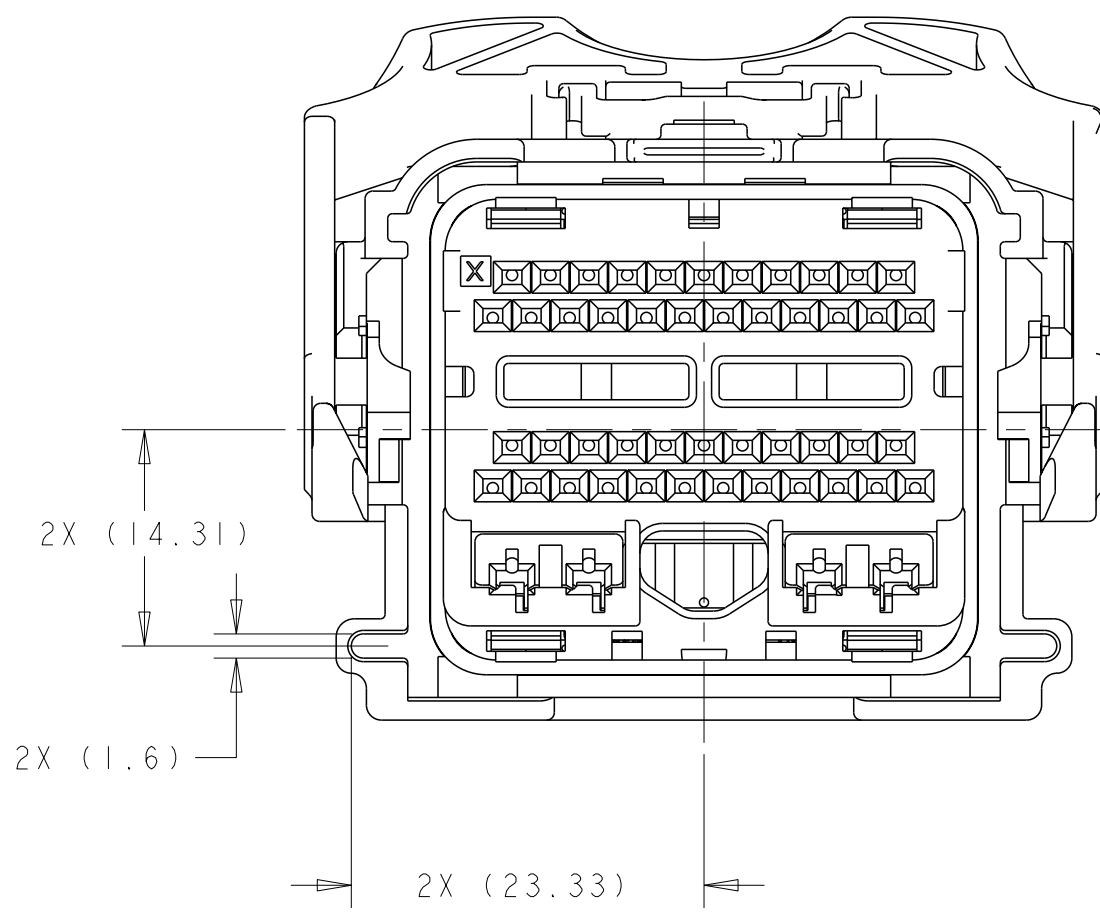
REVISIONS					
P	LYR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



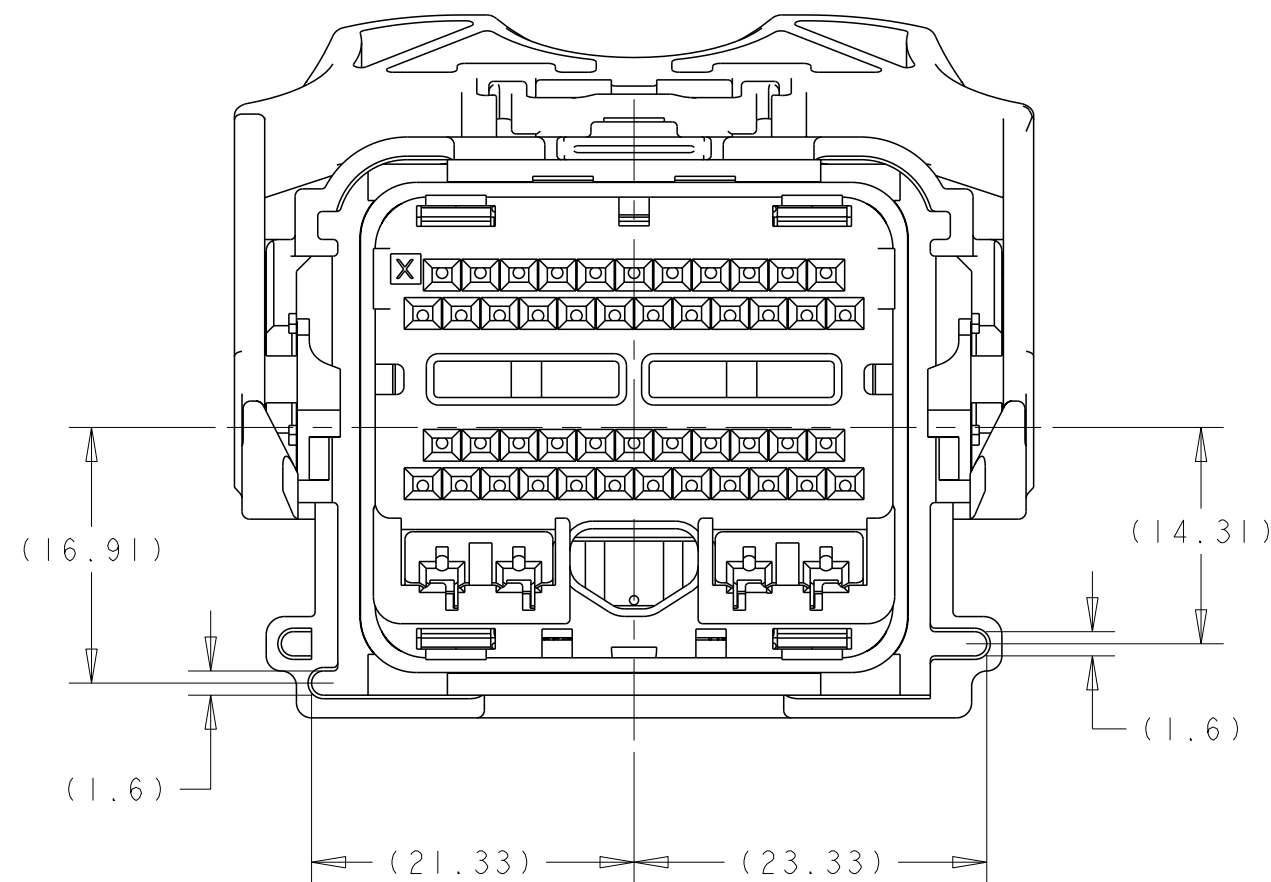
1438129-1
KEYING OPTION "A"



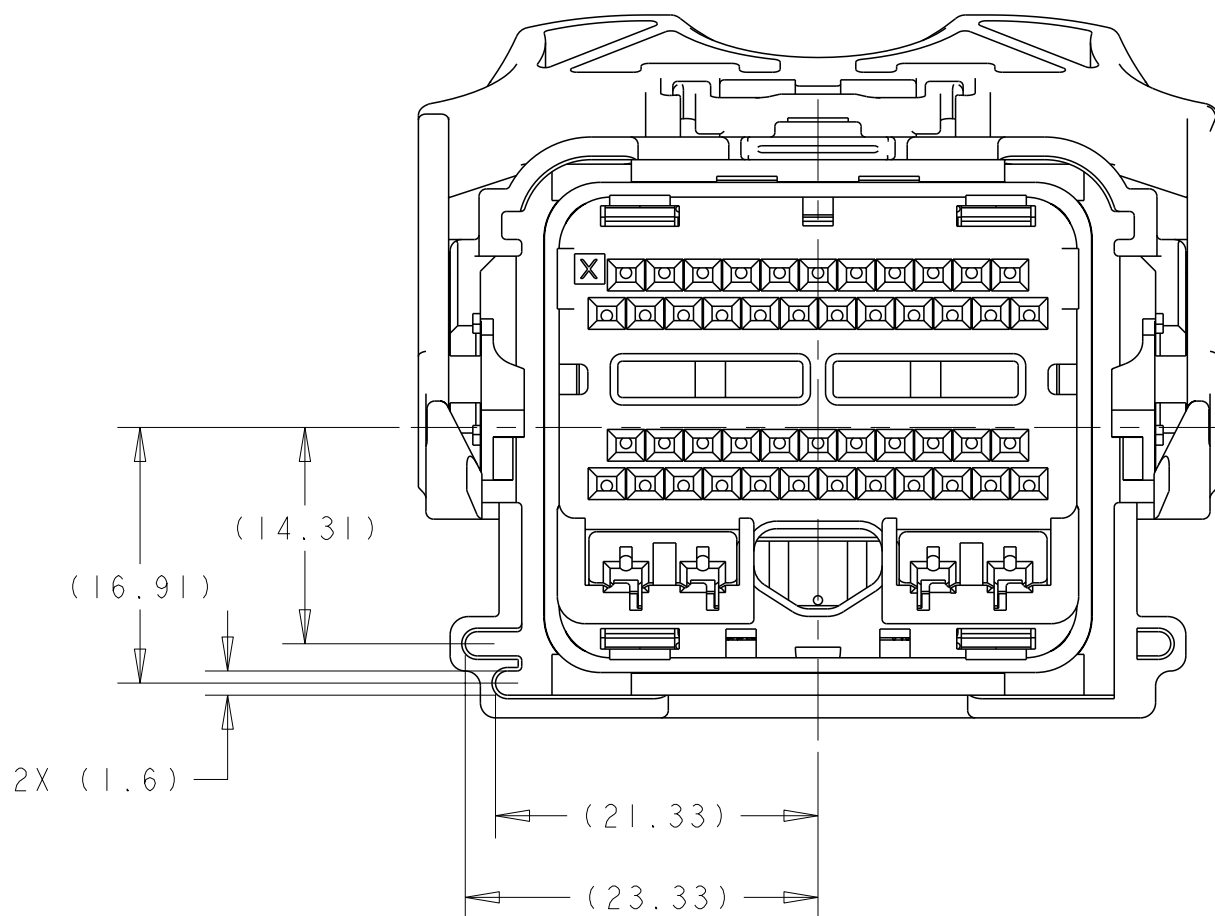
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KEYING OPTION "B"



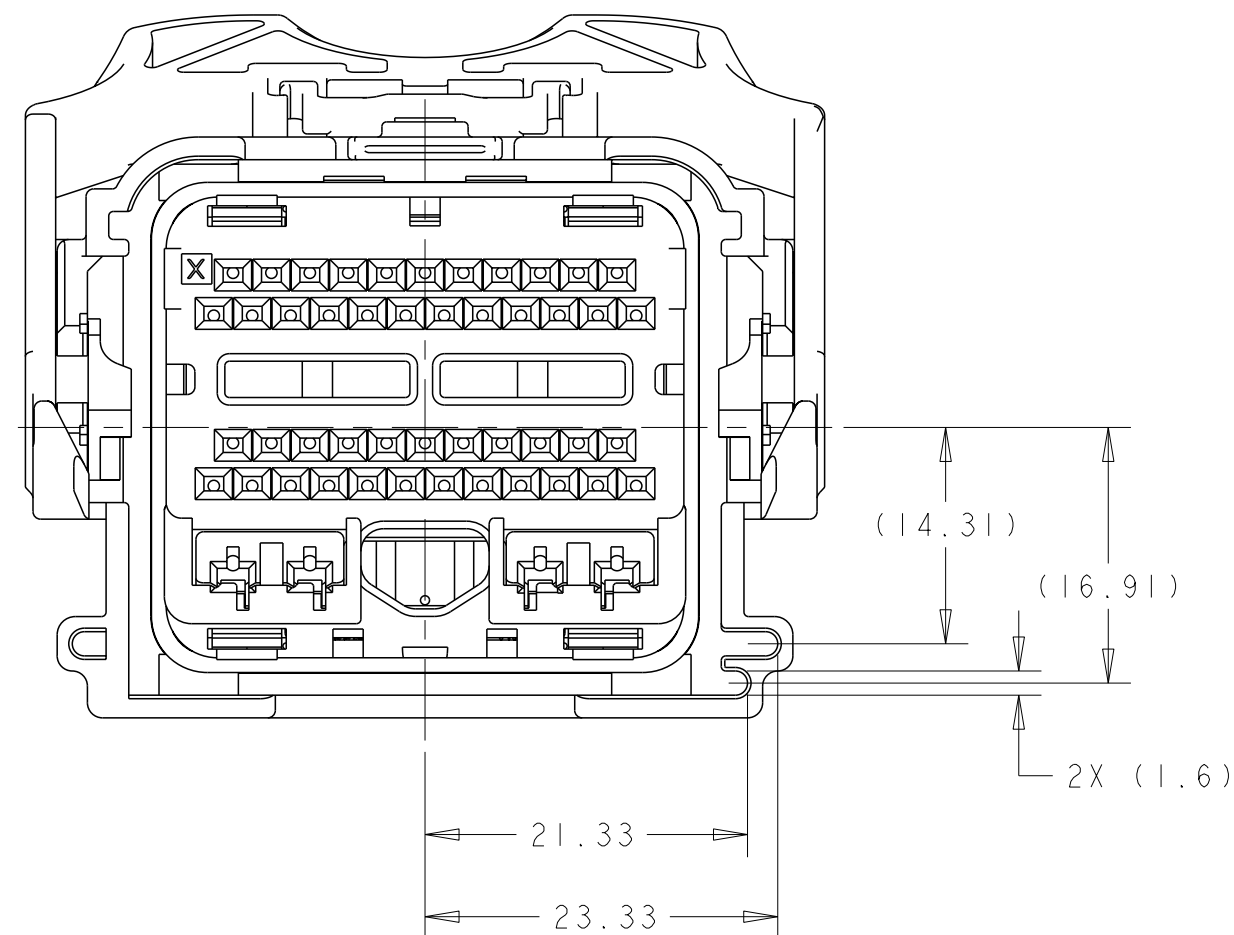
1438129-3
KEYING OPTION "C"



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 ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ± 4 PLC ± ANGLES ±°	PRODUCT SPEC	SIZE A100779	
MATERIAL	FINISH	APPLICATION SPEC	CAGE CODE C=1438129	
-	-	WEIGHT	RESTRICTED TO	
-	-	CUSTOMER DRAWING	SCALE 2:1	
			SHEET 2 OF 10	
			REV F37	

[illegible][illegible][illegible]

1

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1

1

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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±.3
1 PLC ±0.3
2 PLC ±0.10
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, FCM
-

SIZE
A1

CAGE CODE
100779

DRAWING NO
C=1438129

RESTRICTED TO
-

SCALE
1:1

SHEET
6

OF
10

REV
F37

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

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 ±.1
4 PLC ±.1
ANGLES ±1°
FINISH
-

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

15APR2005
15APR2005
15APR2005

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

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

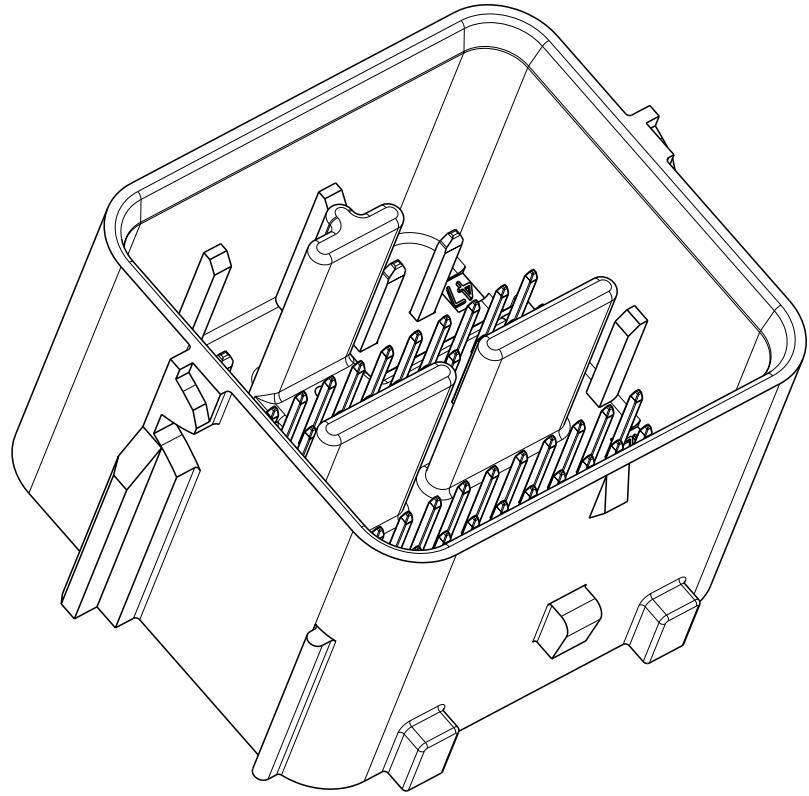
4805 (3/13)

P		LYR	DESCRIPTION	DATE	DWN	APVD
	-		SEE SHEET I	-	-	-

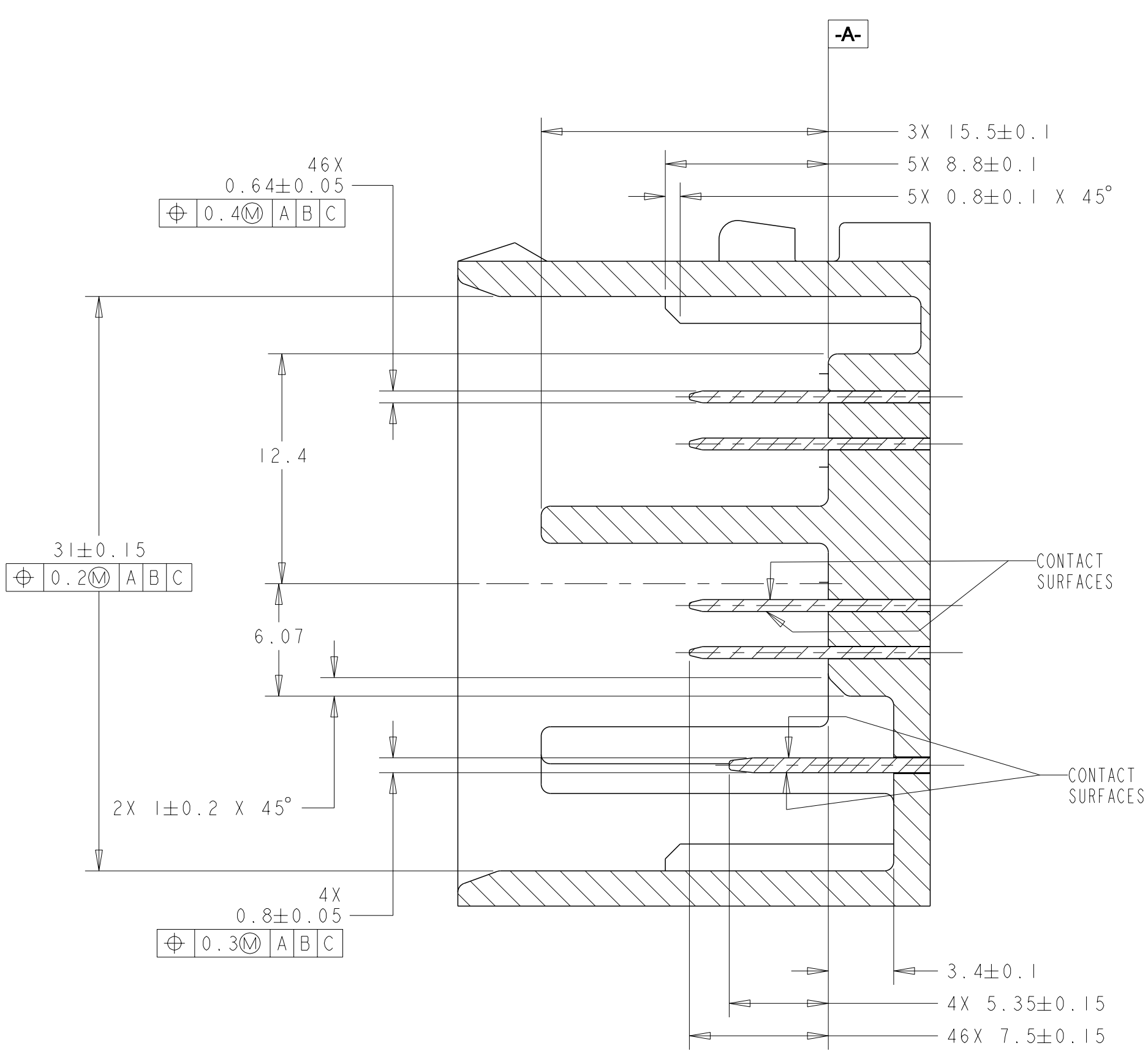
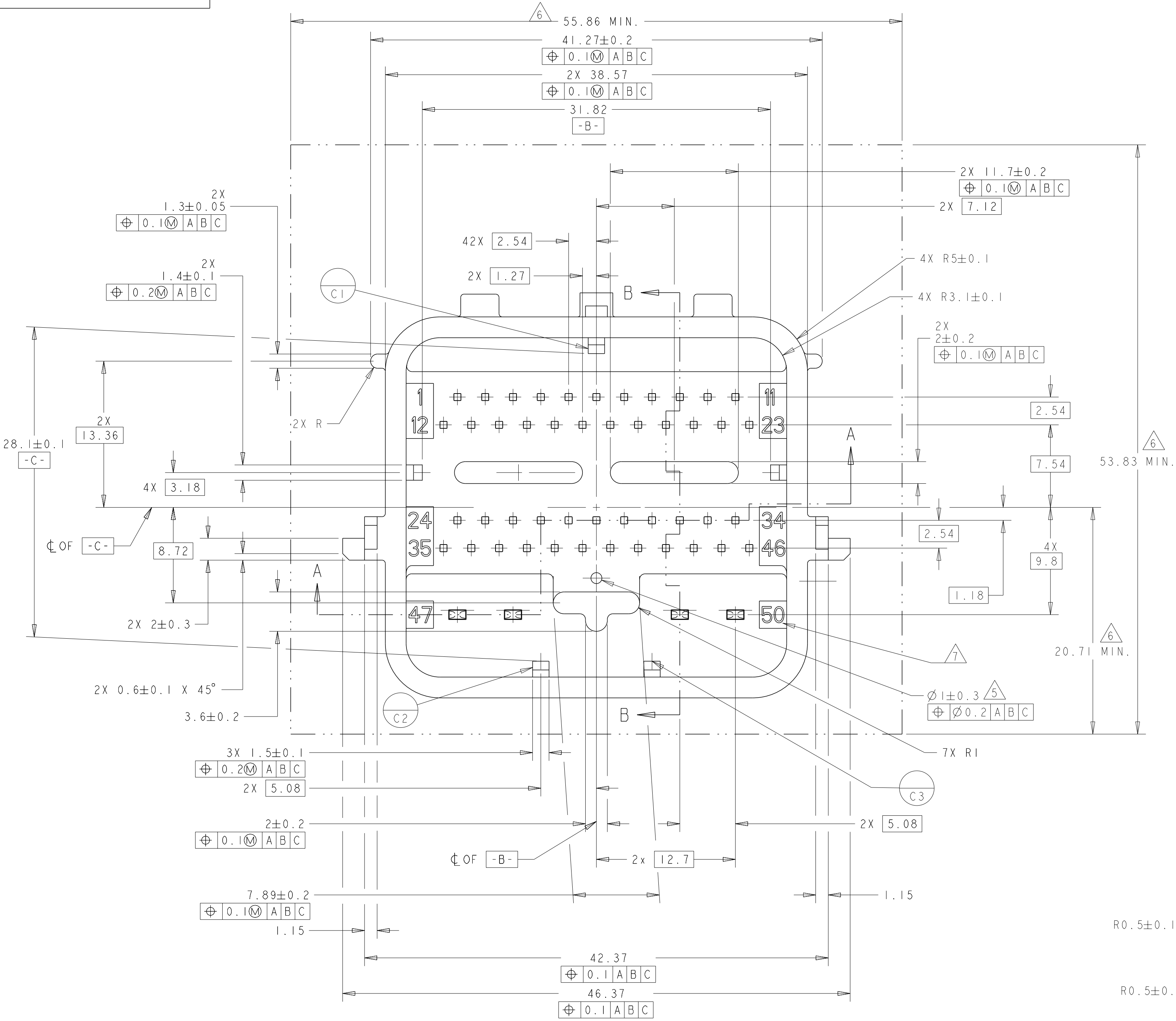
KEYING OPTION C

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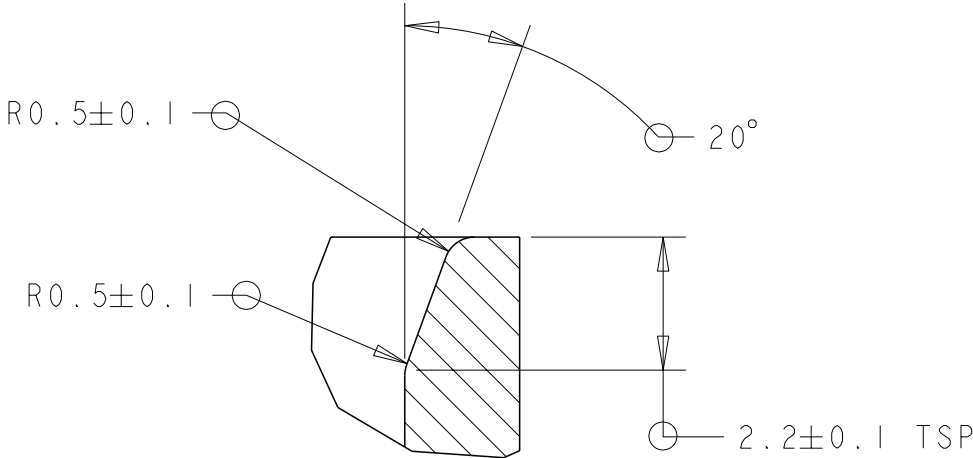
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. VESTAL 15APR2005 CHK T. VALASEK 15APR2005 APVD T. VALASEK 15APR2005		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±. 4 PLC ±. ANGLES ±°		NAME 50-WAY HARNESS ASSEMBLY, PCM	
		PRODUCT SPEC APPLICATION SPEC		SIZE CAGE CODE DRAWING NO A100779C1438129	
MATERIAL FINISH		WEIGHT		RESTRICTED TO	
- - -		- - -		- - -	
CUSTOMER DRAWING				SCALE 1:1 SHEET 8 OF 10 REF 37	



SCALE 2:1



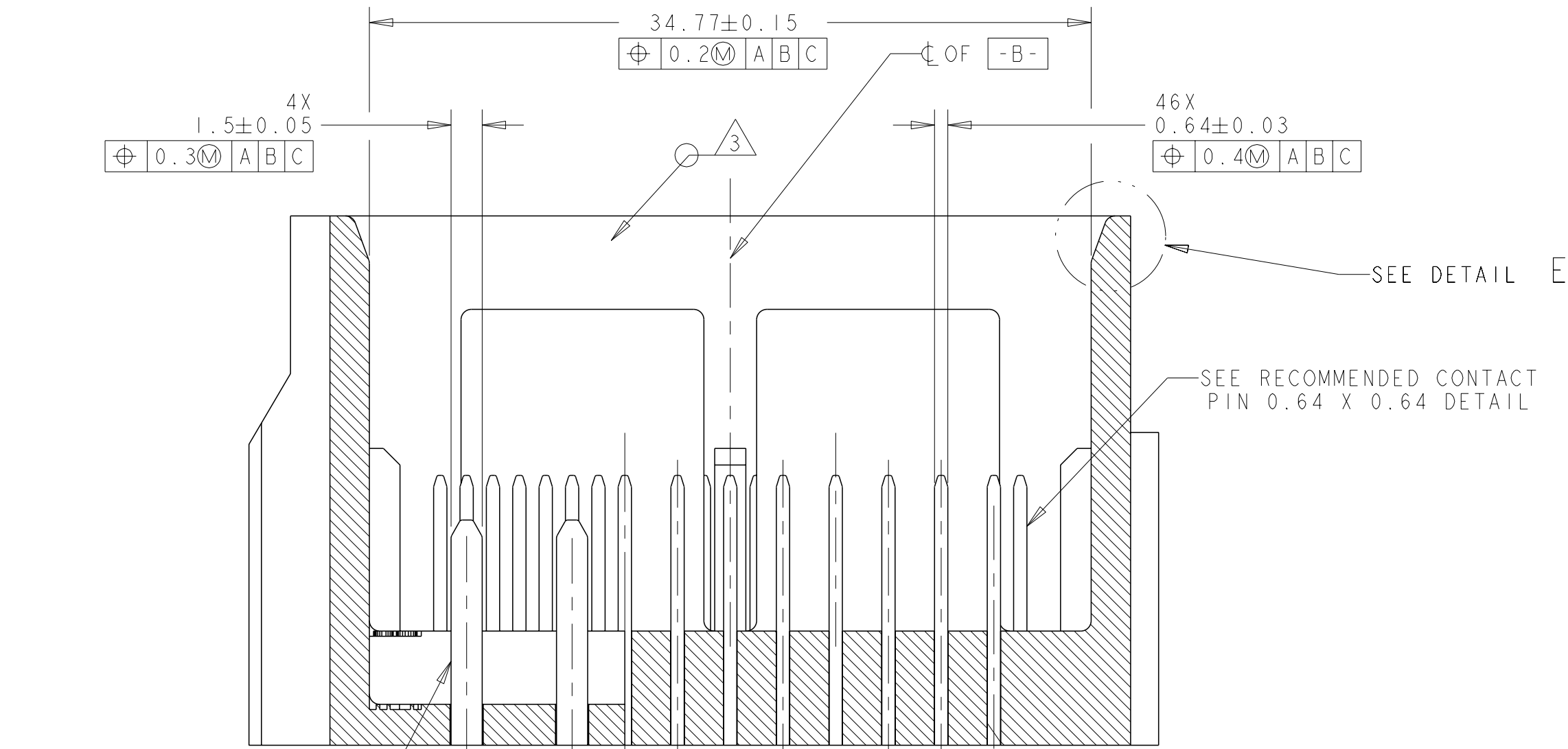
SECTION B-B



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-★



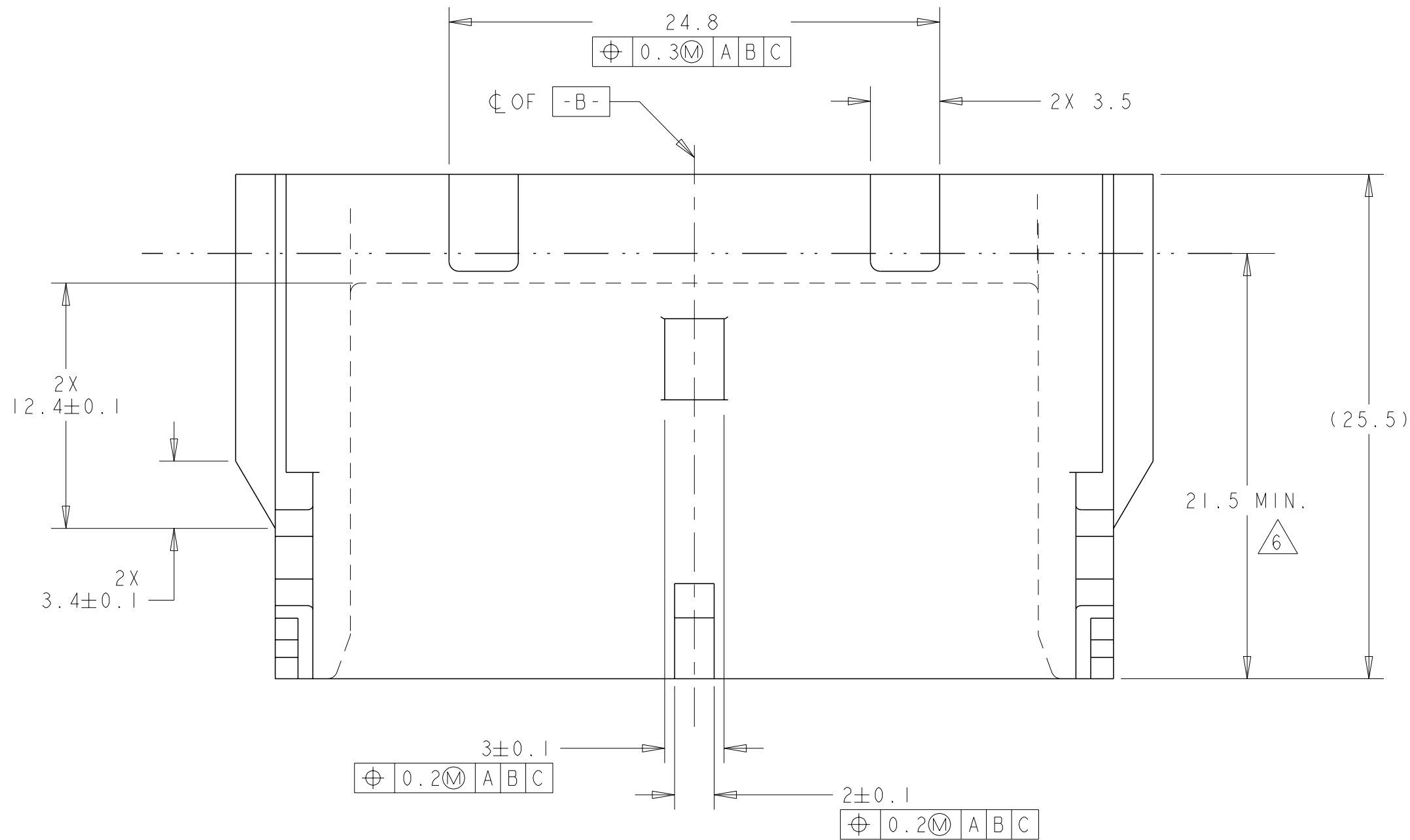
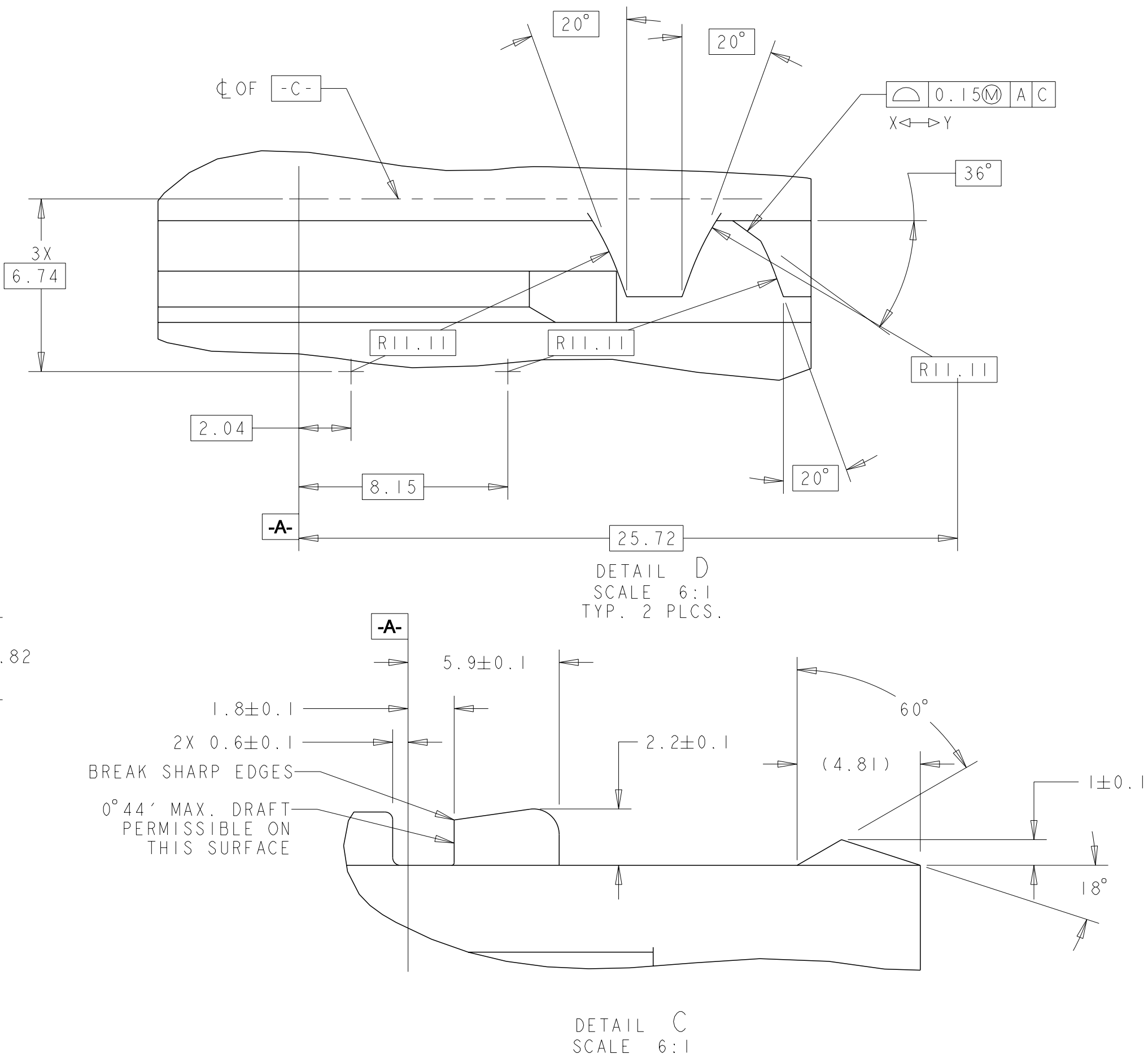
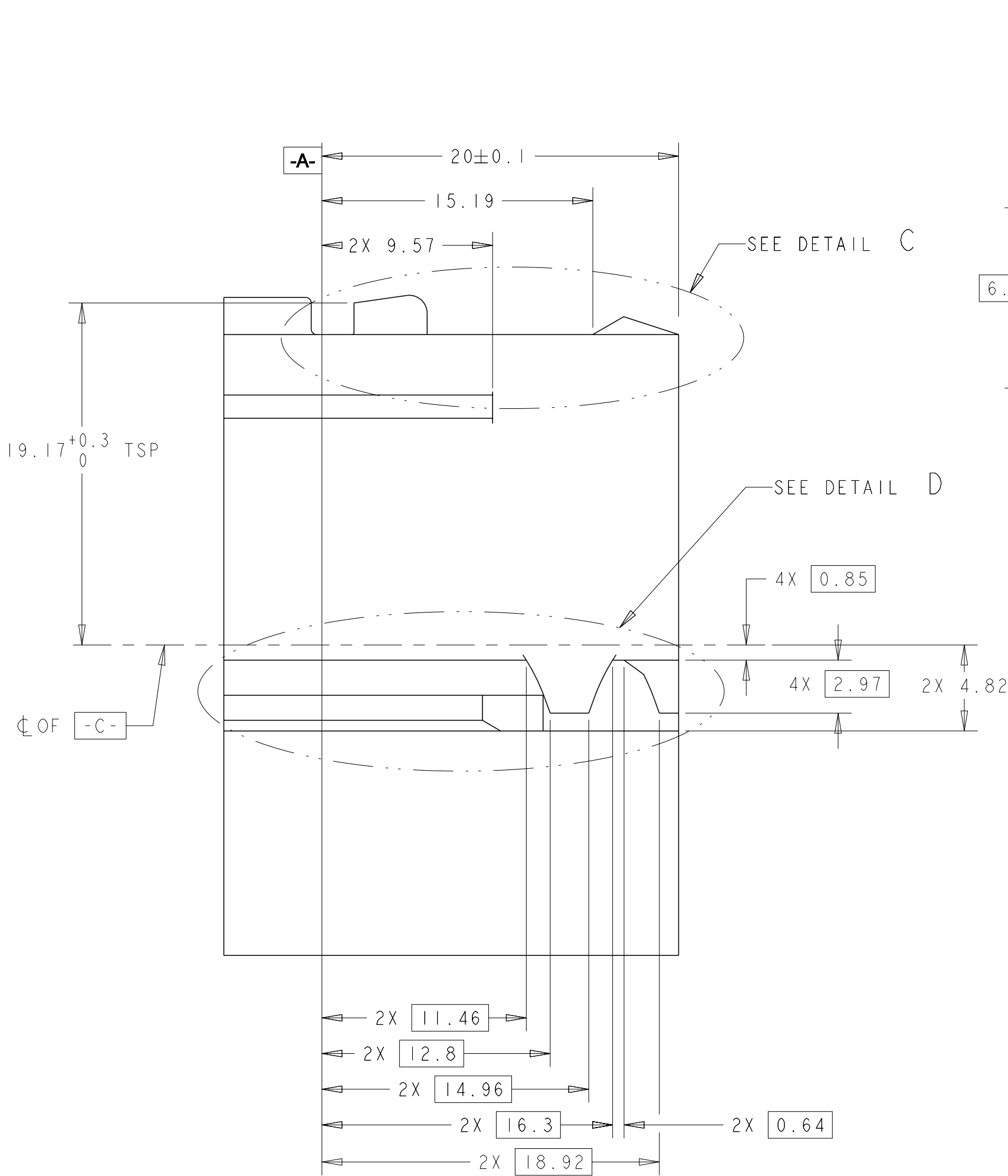
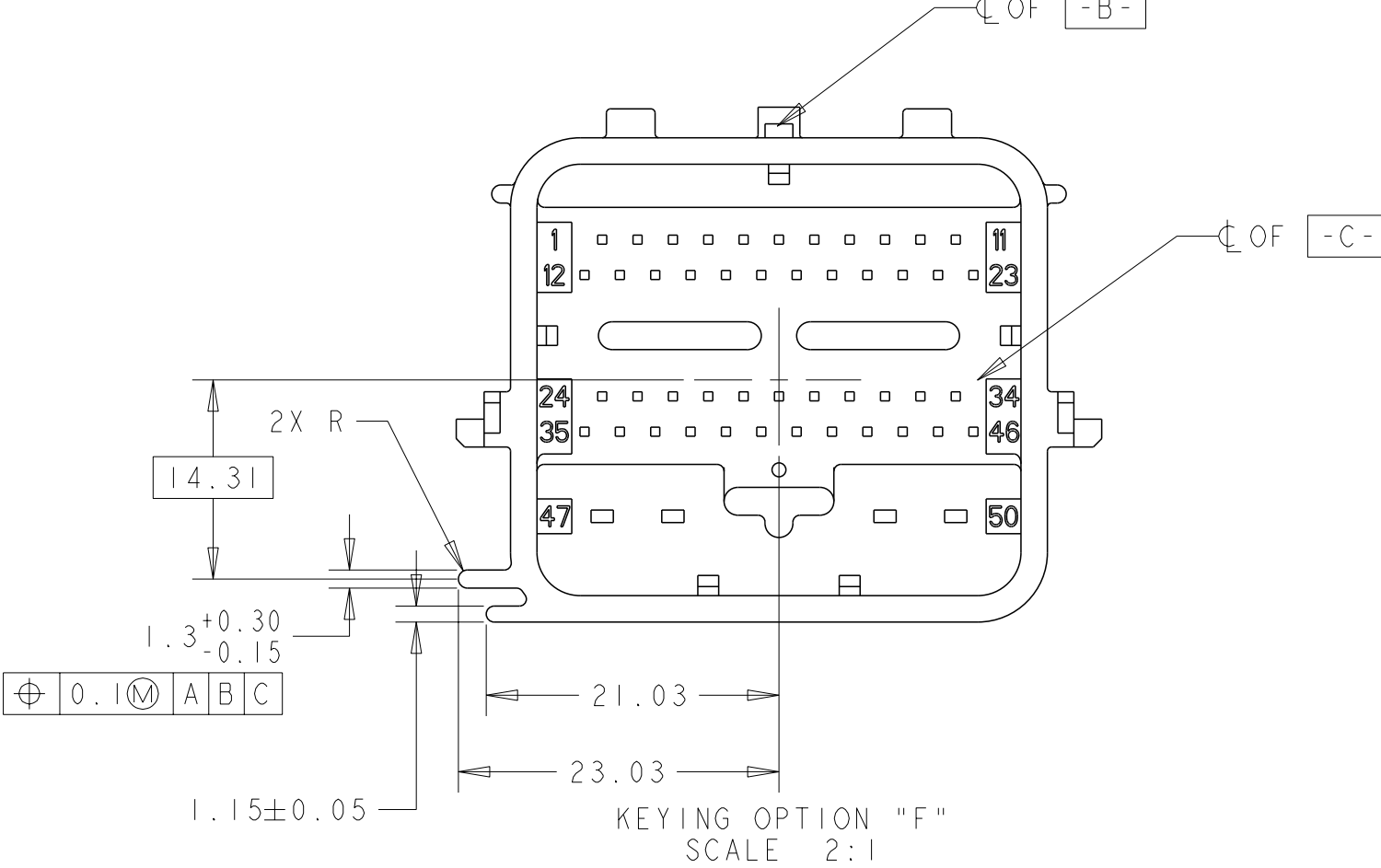
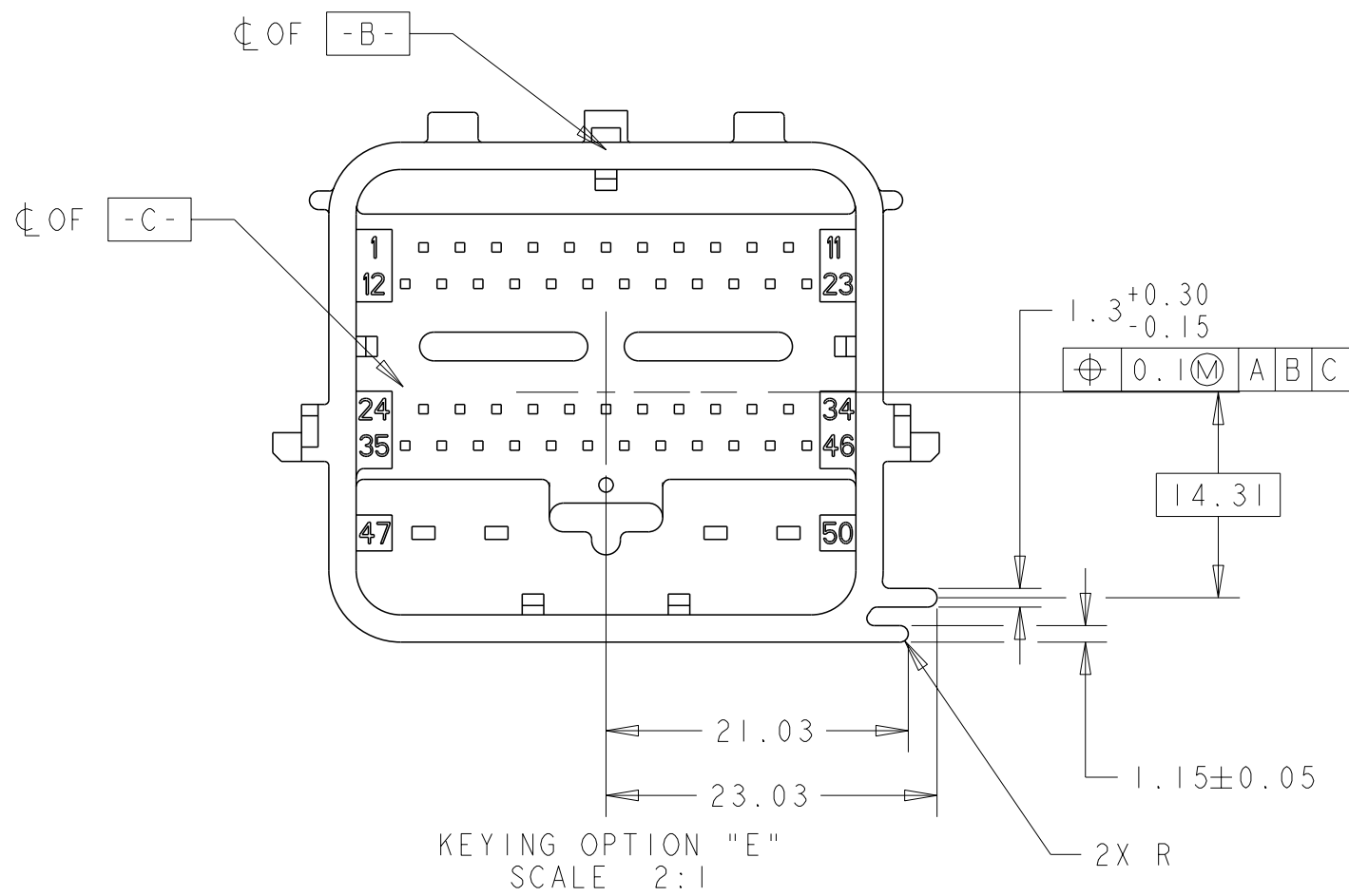
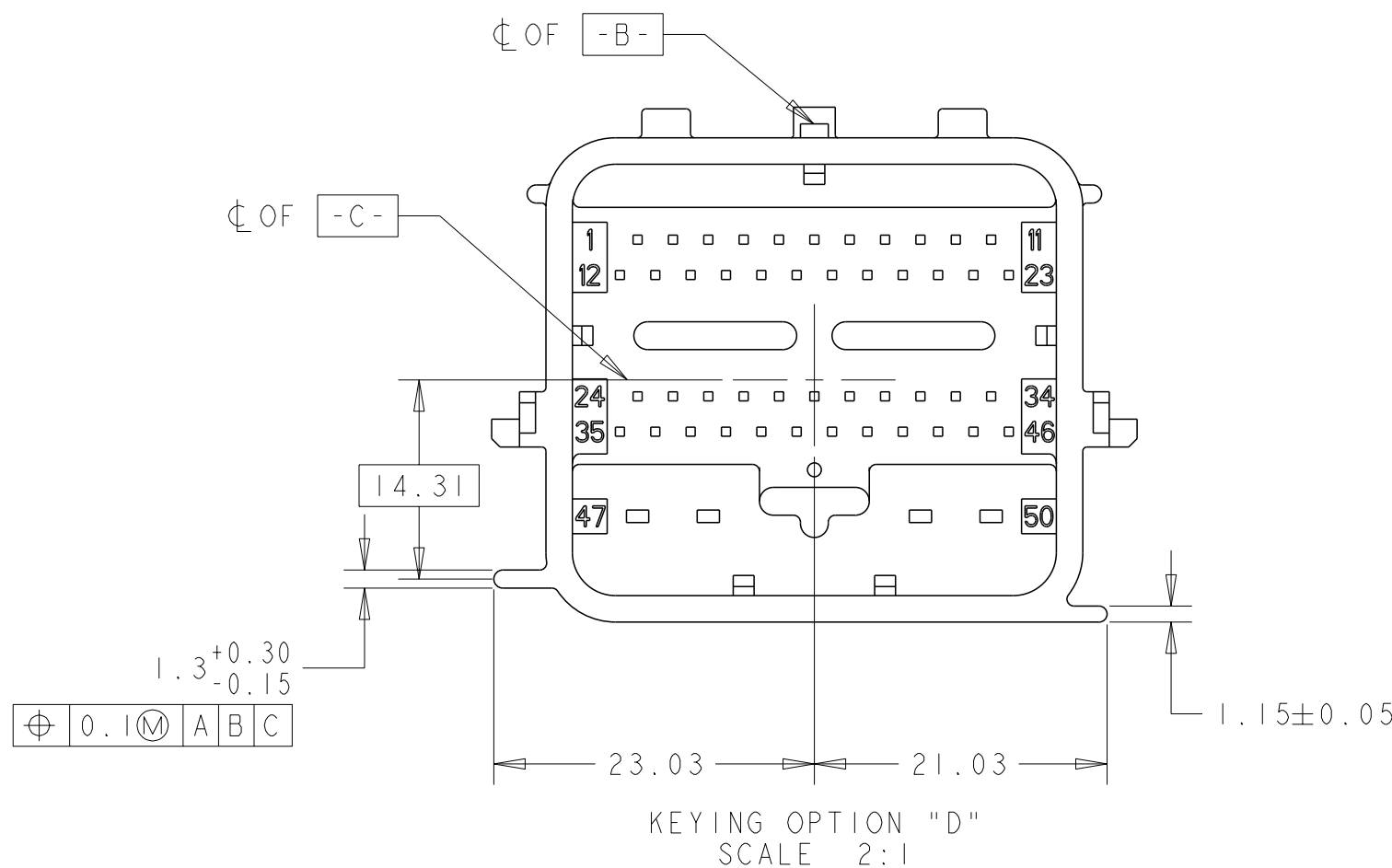
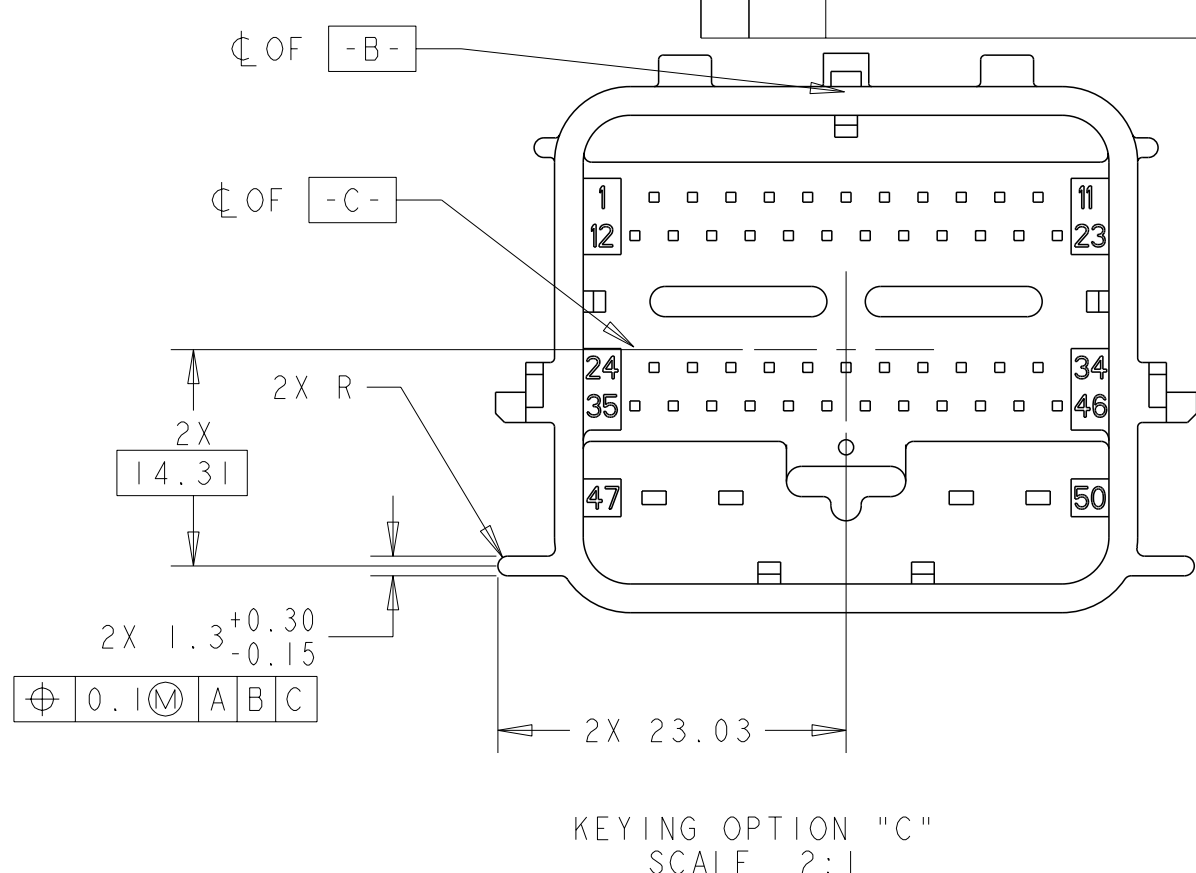
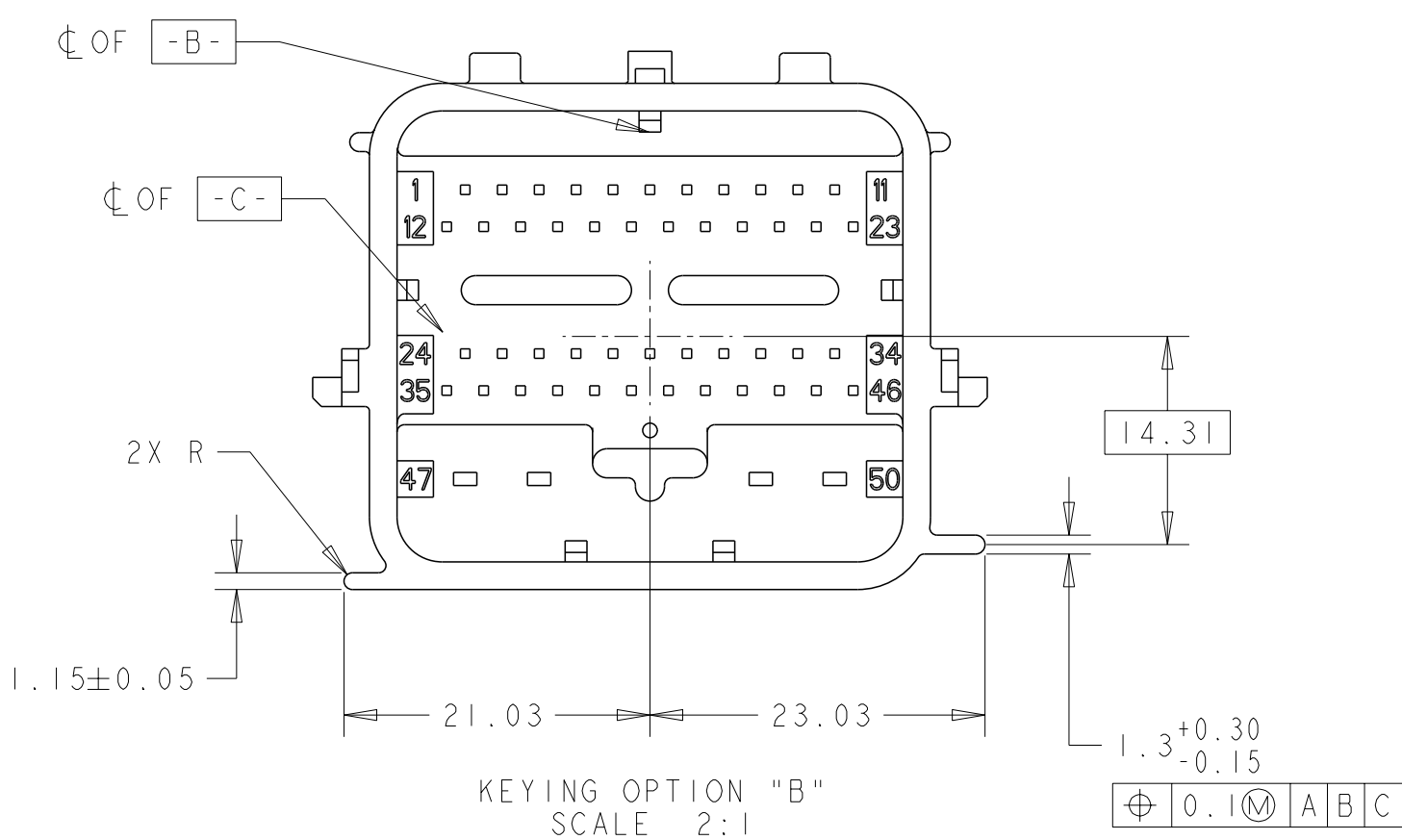
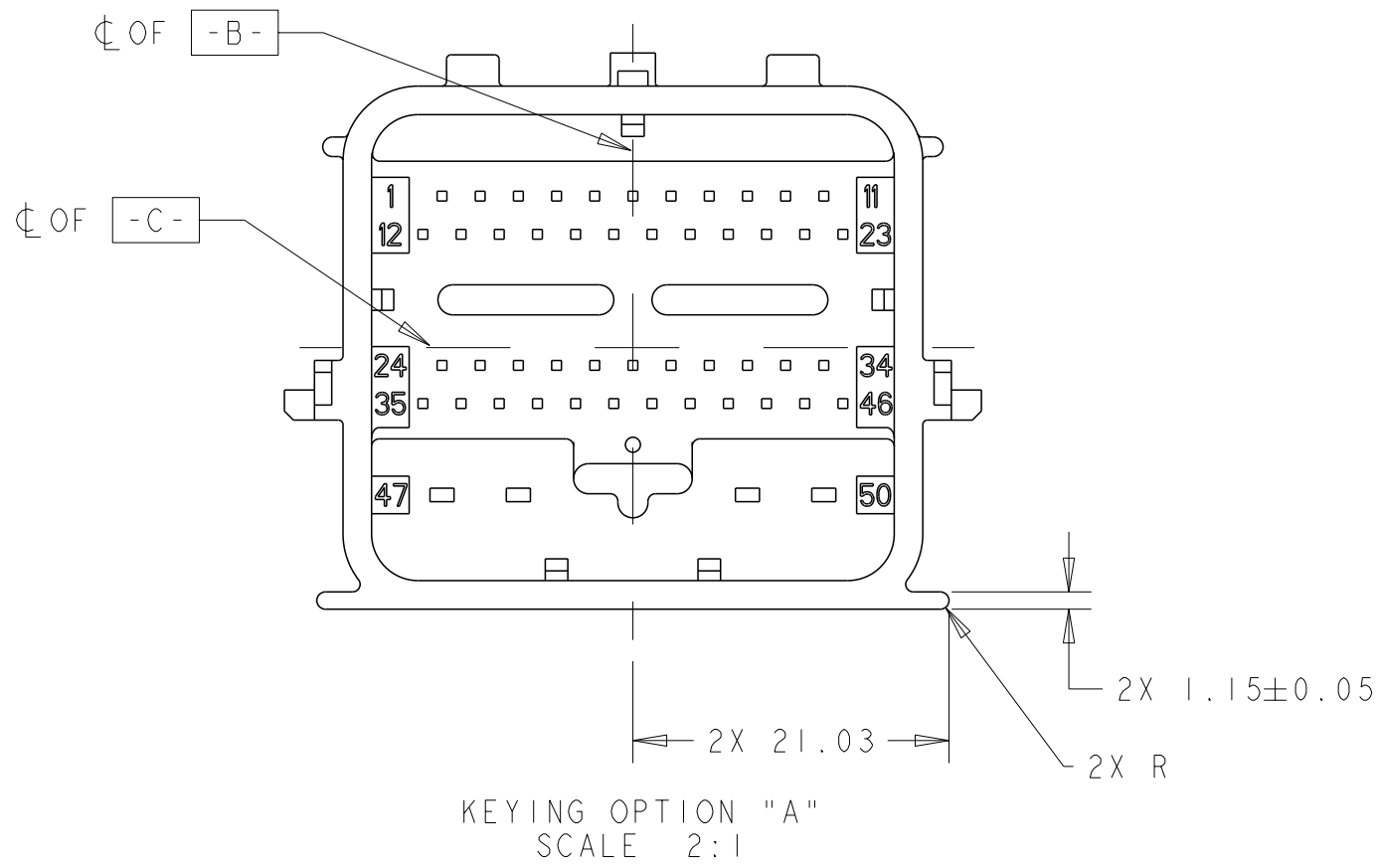
SECTION A-A

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
CMY 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		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD T. VALASEK	15APR2005	NAME 50-WAY HARNESS ASSEMBLY, PCM	
mm		PRODUCT SPEC		SIZE A1	
0 PLC ±		APPLICATION SPEC		CAGE CODE 100779	
1 PLC ±0.3		WEIGHT		DRAWING NO 1438129	
2 PLC ±0.10		CUSTOMER DRAWING		SHEET 10 OF 10	
3 PLC ±		SCALE 1:1		REV F37	
4 PLC ±					
ANGLES FINISH					
MATERIAL					

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2-1438129-0](#)