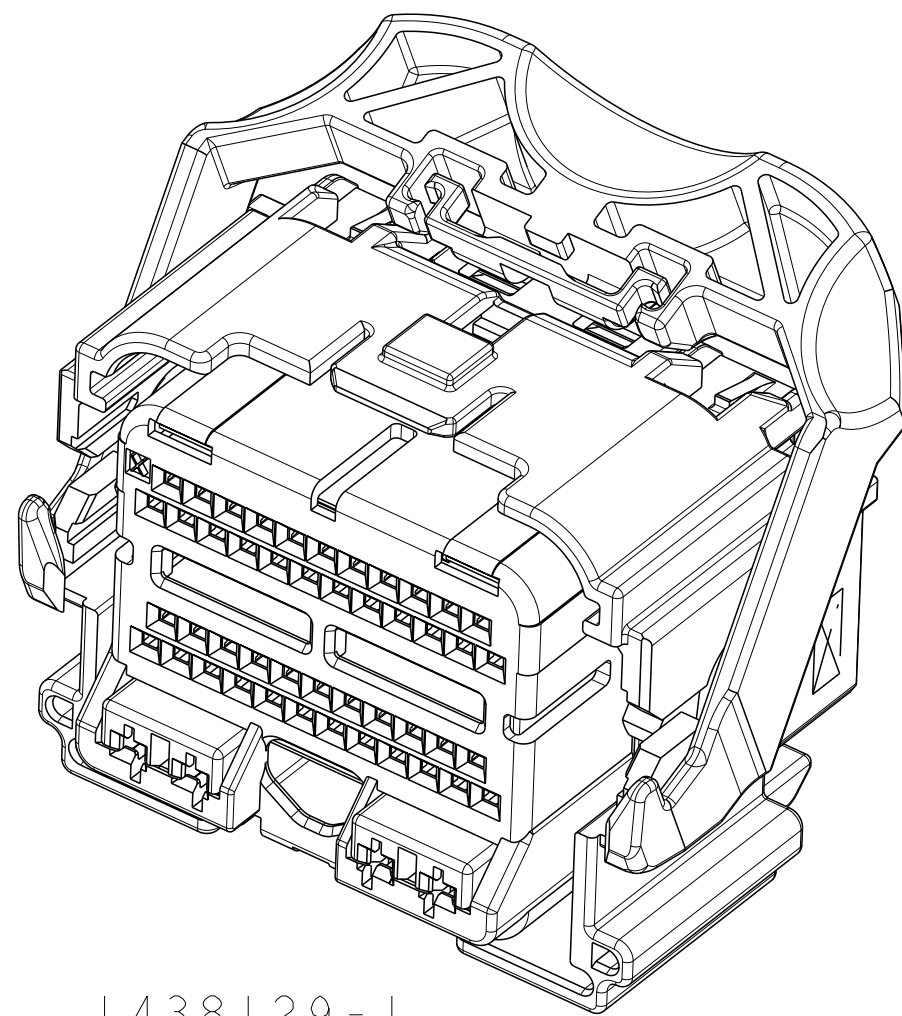
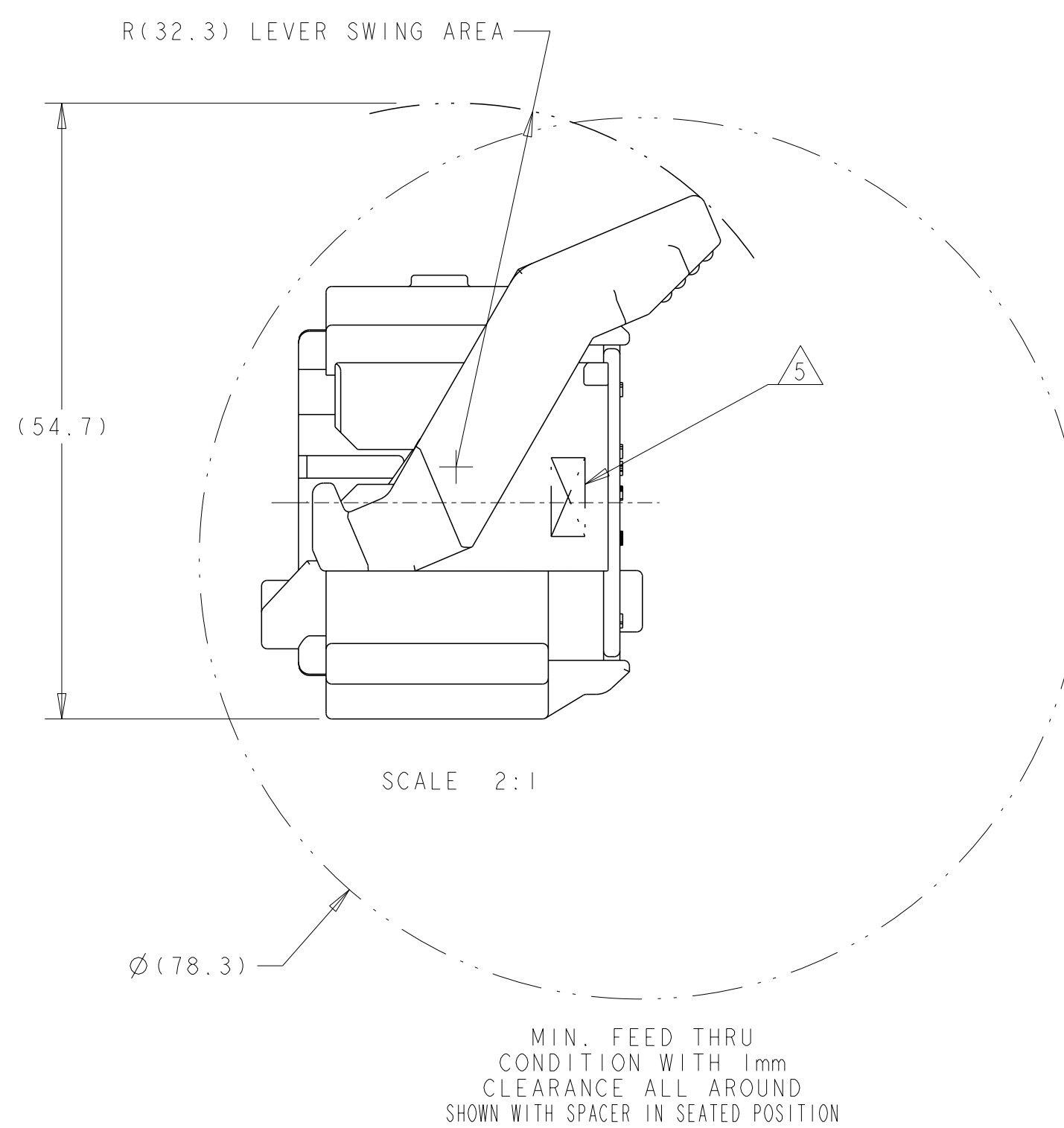
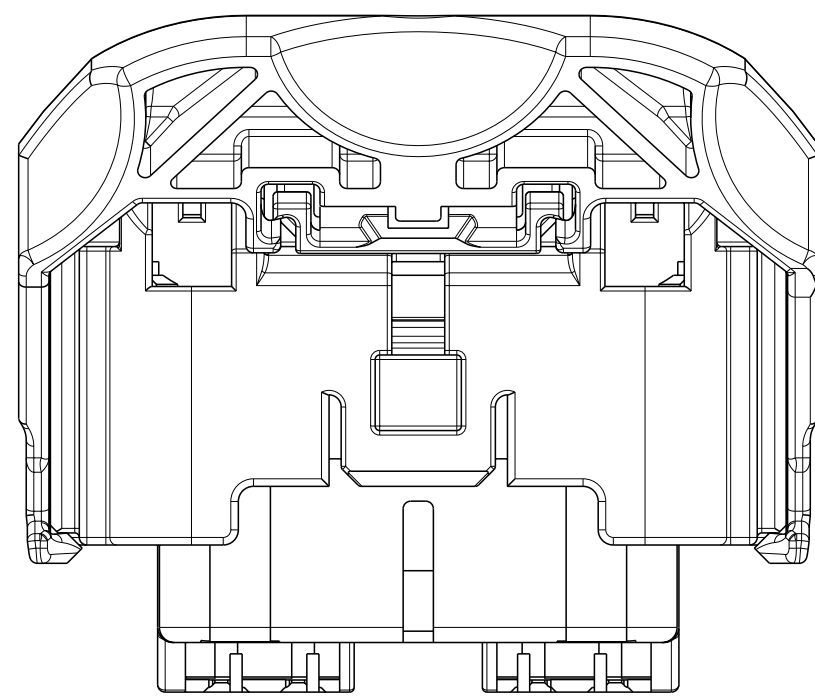




1438129-1
SHOWN WITH SPACER
IN SEATED POSITION

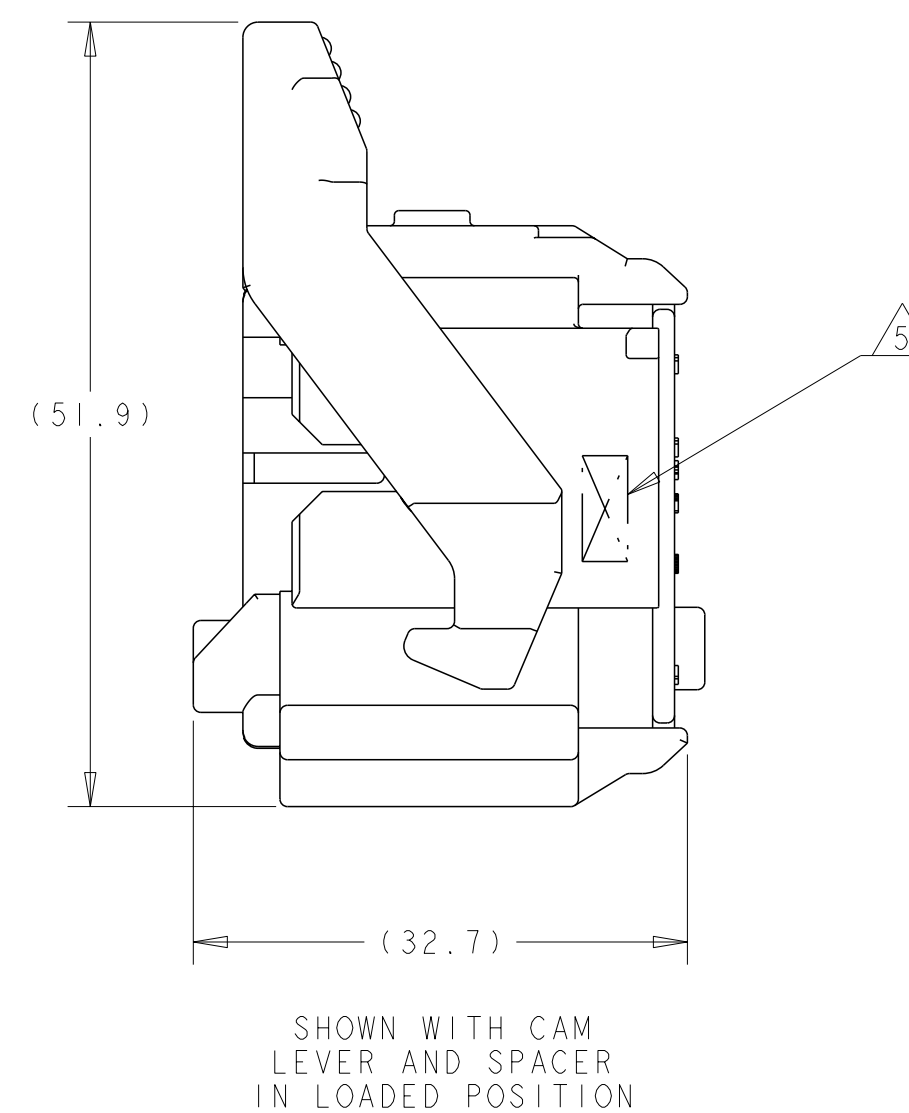


(54.7)

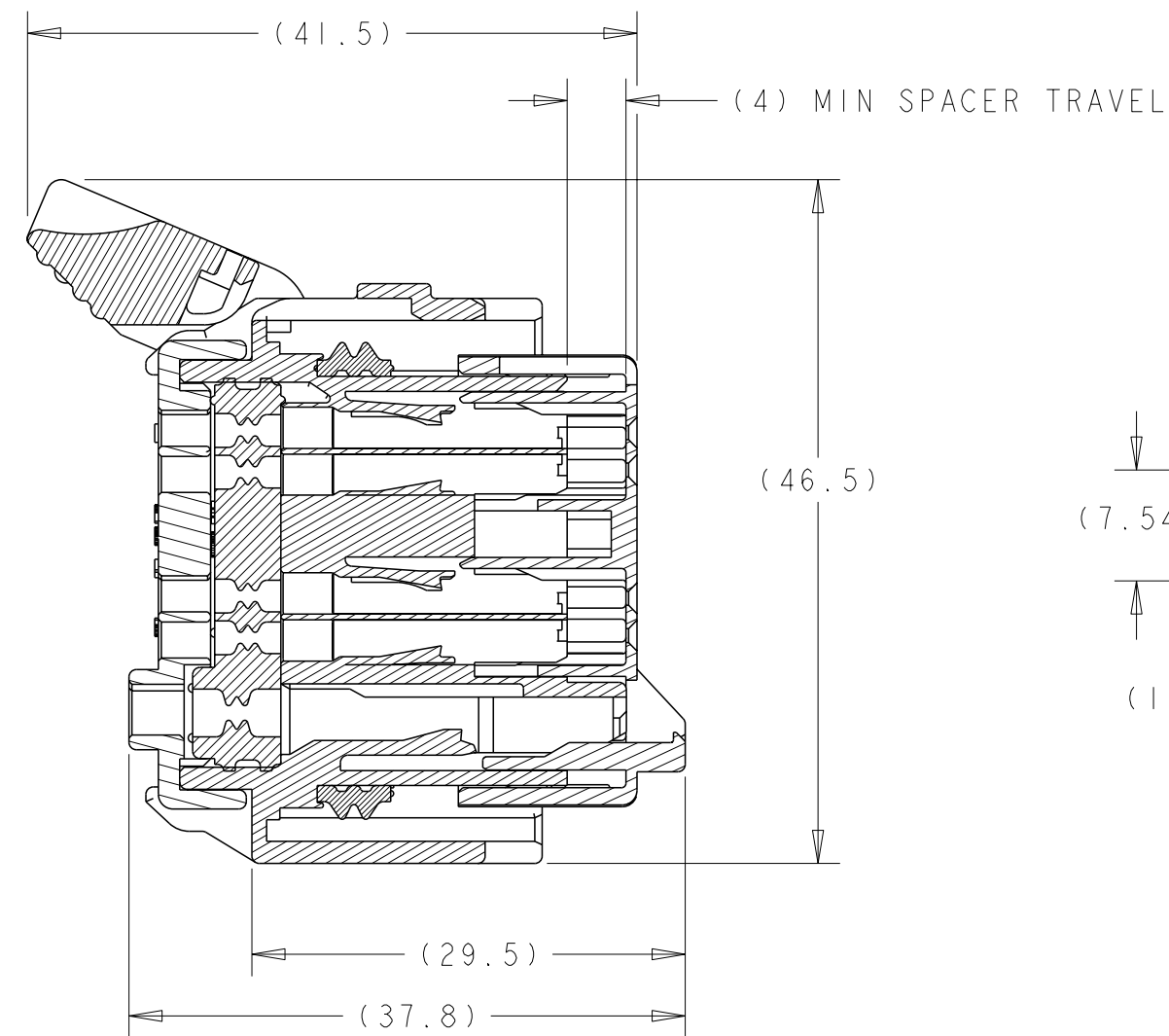
SCALE 2:1

Ø (78.3) —

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



SHOWN WITH CAM
LEVER AND SPACER
IN LOADED POSITION



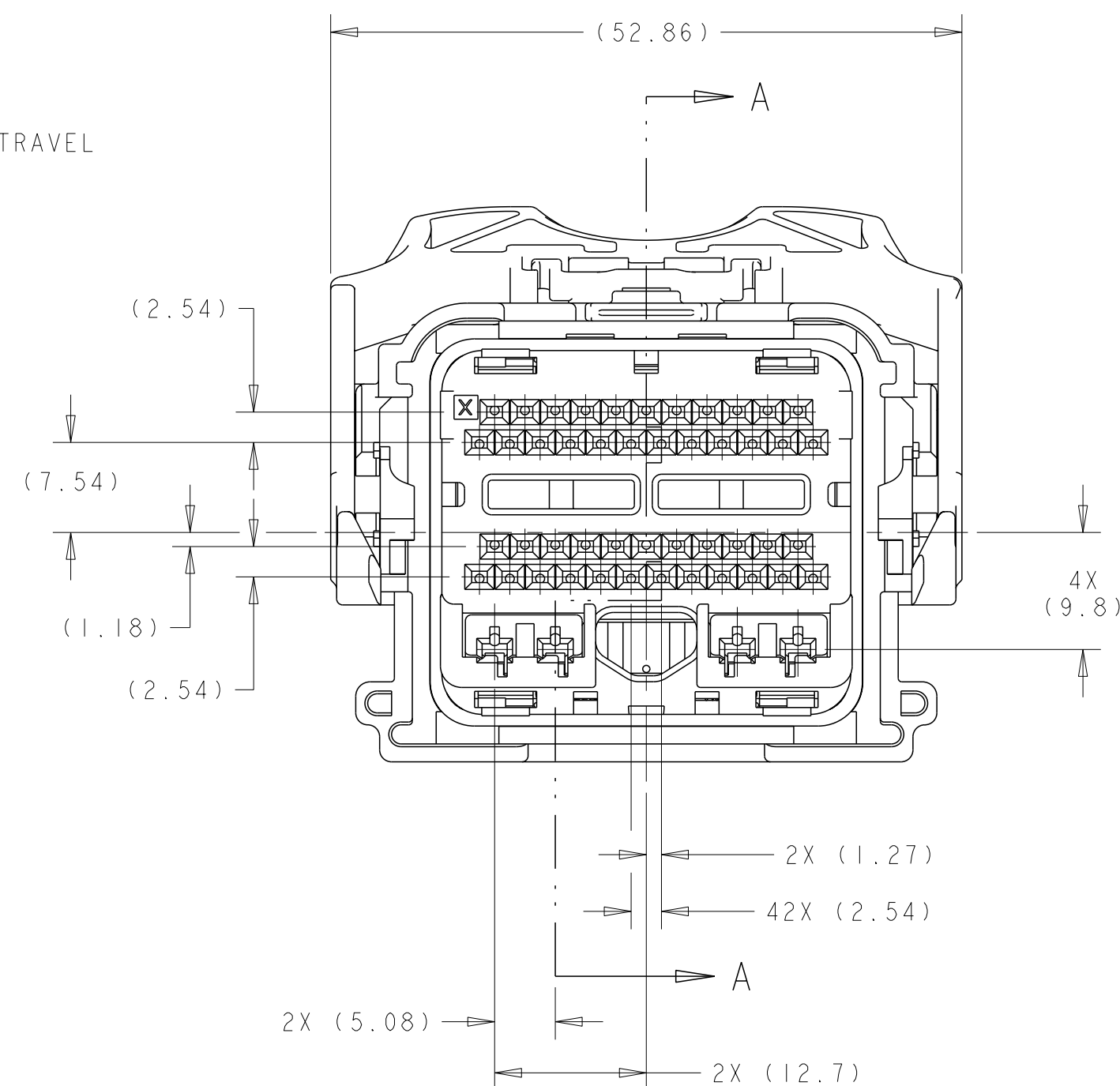
R TRAVEL

(46 . 5)

— (29.5) —

— (37.8) —————→

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


$$(2.54)$$
$$(7.54)$$

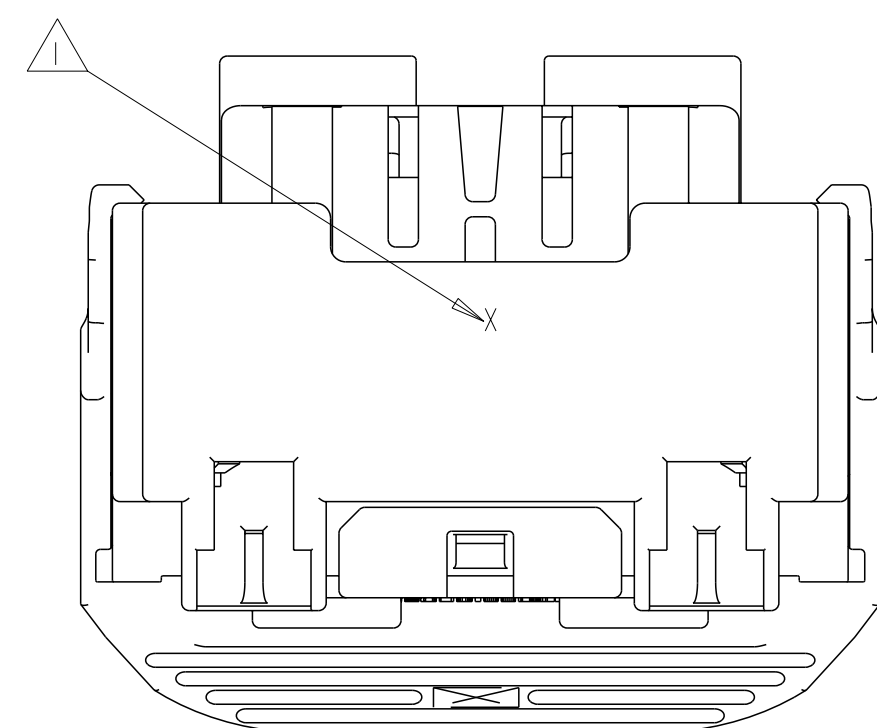
(1.18)

(2.54)

4X

$$-2x \quad (1.27)$$

— 42X (2.54)

 $2X(5.08) =$ $X(12.7)$ 

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

REVISIONS						
P.	LTR	DESCRIPTION	DATE	DWN	APVD	
F34		REVISED PER ECO-17-007768	30MAR2017	DLD	DCM	
F35		REVISED PER ECO-17-014872	24OCT2017	JMS	CM	
F36		REVISED PER ECO-18-005691	16APR2018	JMS	CM	
F37		ECO-18-013134	13SEP2018	KP	CM	

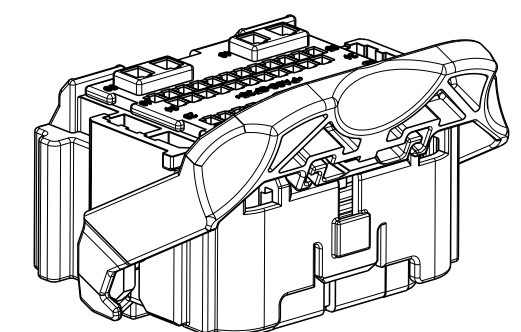
① PRINT PART NUMBER (5S4T-14A464-L*-***, 5S4T-14A464-M*-***, 5S4T-14A464-N*-***) AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE IN THE LOCATION AT ASSEMBLY. SEE SHEET 3 THRU 7 (-*) PART NUMBERS.

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 TO CONNECTIVITY INSTRUCTION SHEET 408-8893.

 COMPANY LOGO.

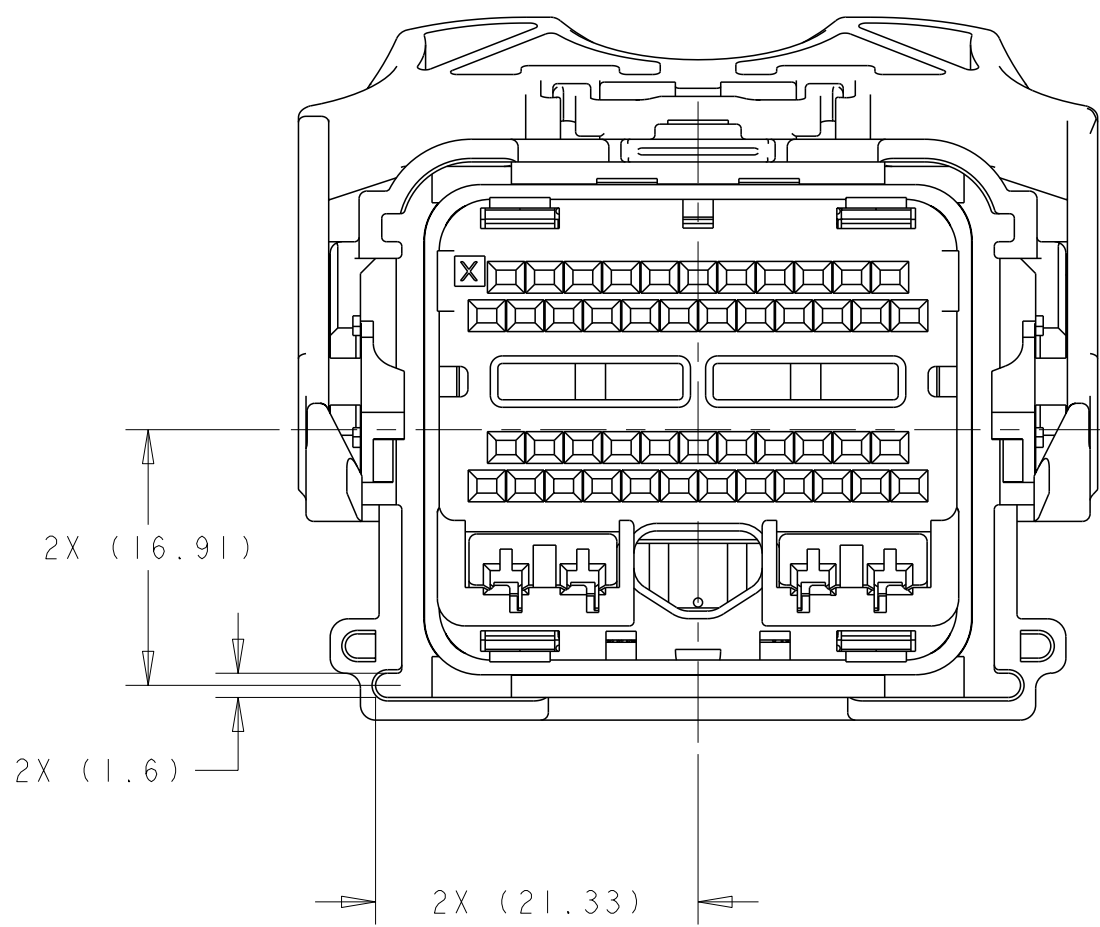
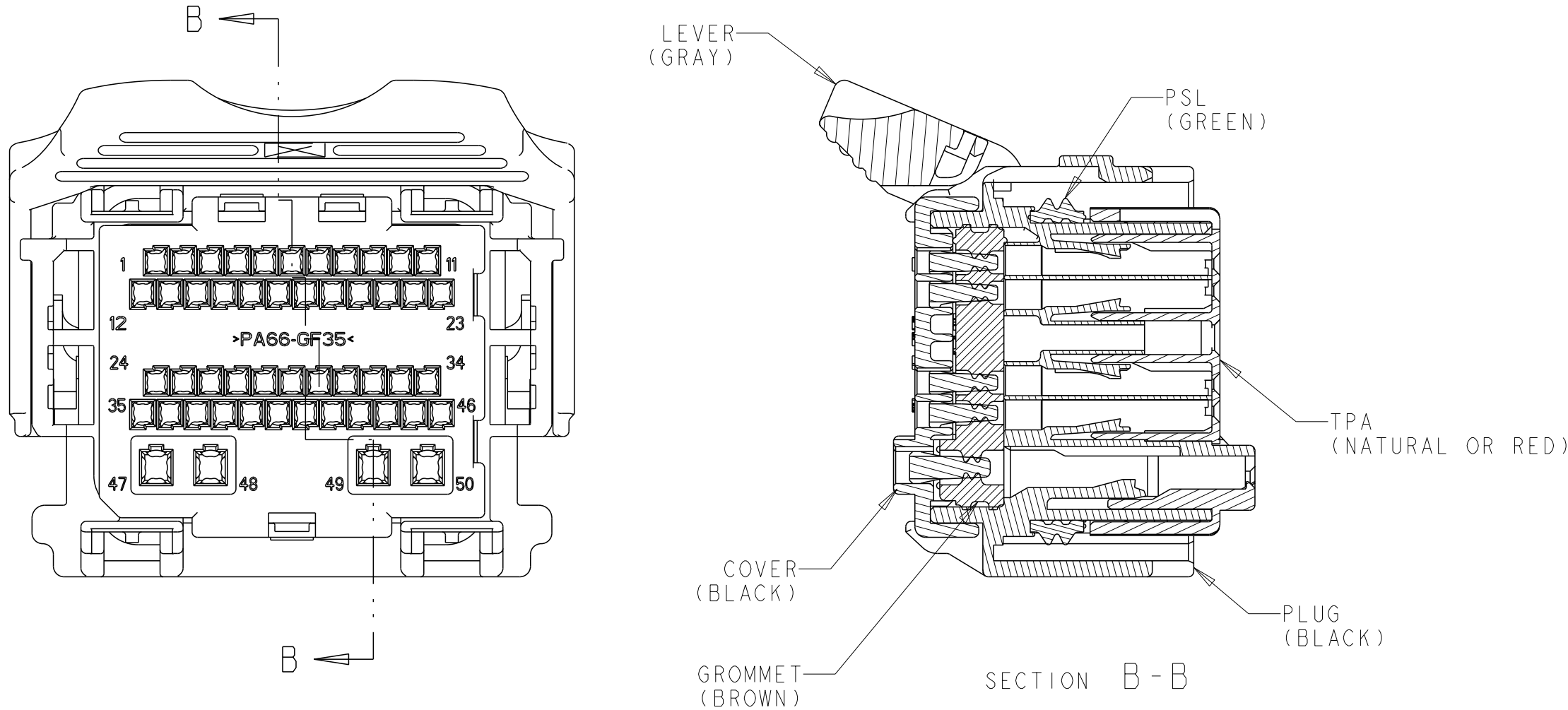


SCALE 1:1

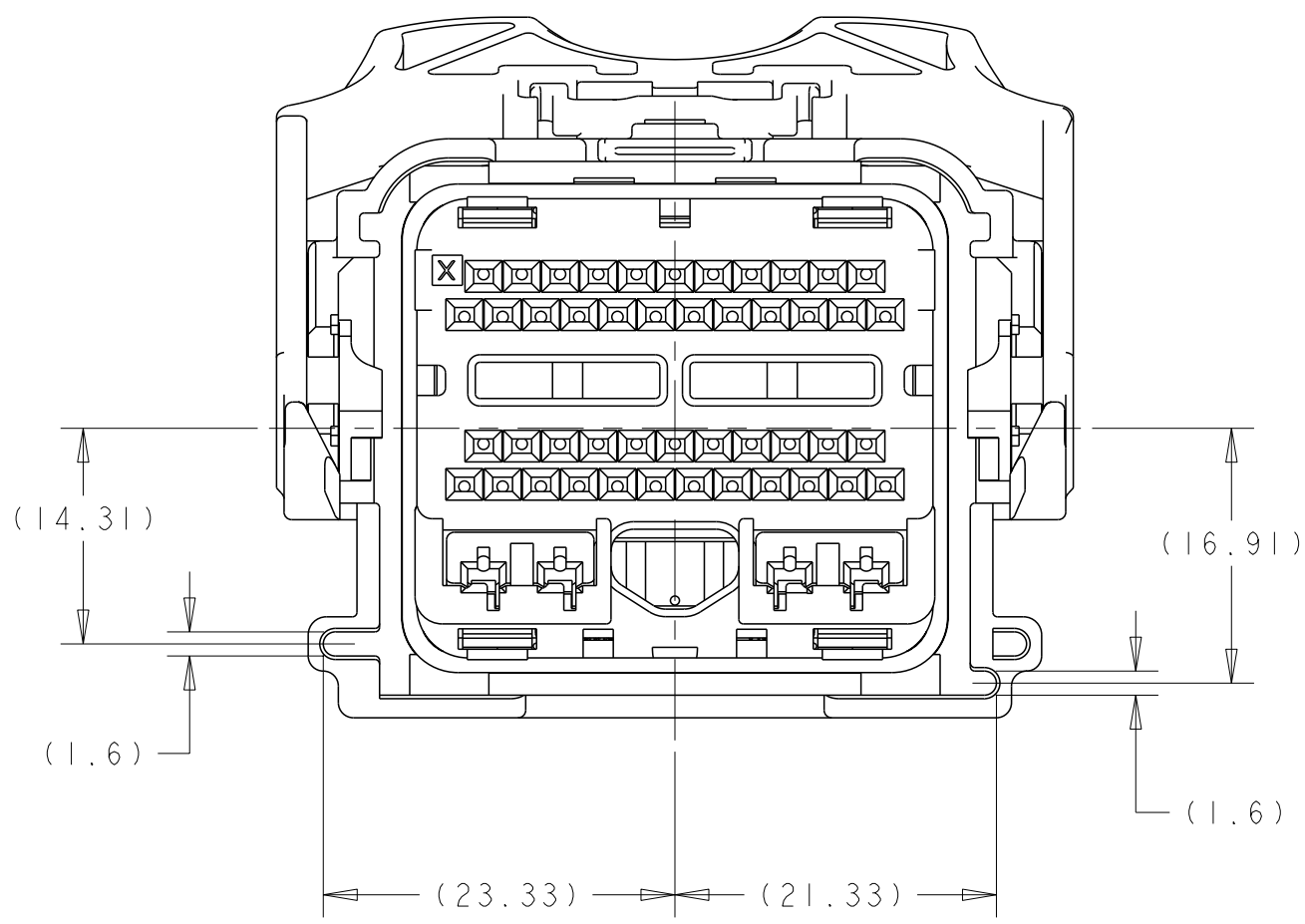
ANY DESIGN CHANGES ON THIS ASSEMBLY MAY
ALSO BE REQUIRED ON ASSEMBLY DRAWING 1438691

		SEE TABLES SHEETS 3 THRU 7	
		PART NUMBER	
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. VESTAL 15APR2005 CHG T. VALASEK 15APR2005 APVO T. VALASEK 15APR2005	
DIMENSIONS: mm		 TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.003 1 PLC ±.010 2 PLC ±.010 3 PLC ±.010 4 PLC ±.010 ANGLES ±°		NAME 50-WAY HARNESS ASSEMBLY, PCM	
		PRODUCT SPEC - APPLICATION SPEC -	
MATERIAL FINISH		SIZE CAGE CODE DRAWING NO RESTRICTED TO A 100779 C 1438129 -	
- - -		WEIGHT -	
CUSTOMER DRAWING		SCALE 1:1 SHEET 1 OF 10 REF 37	

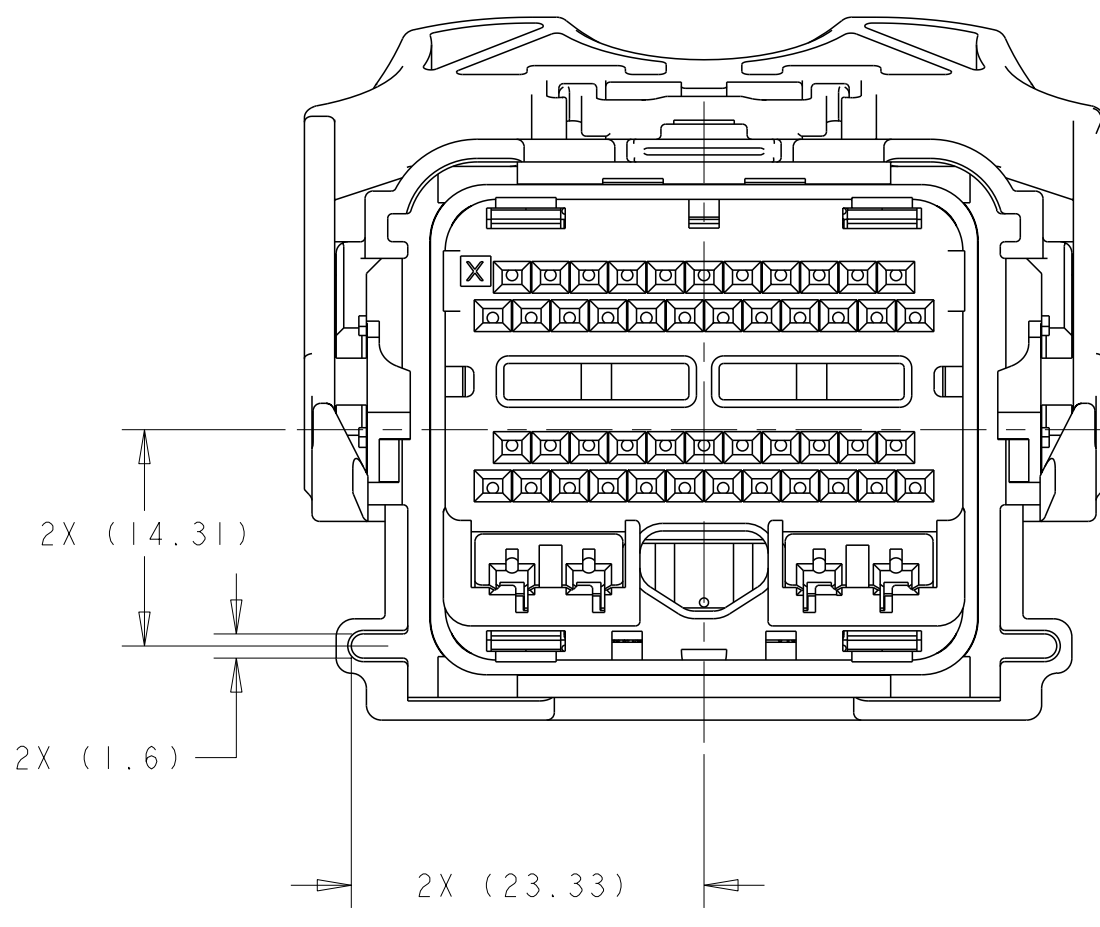
REVISIONS					
P	LYR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



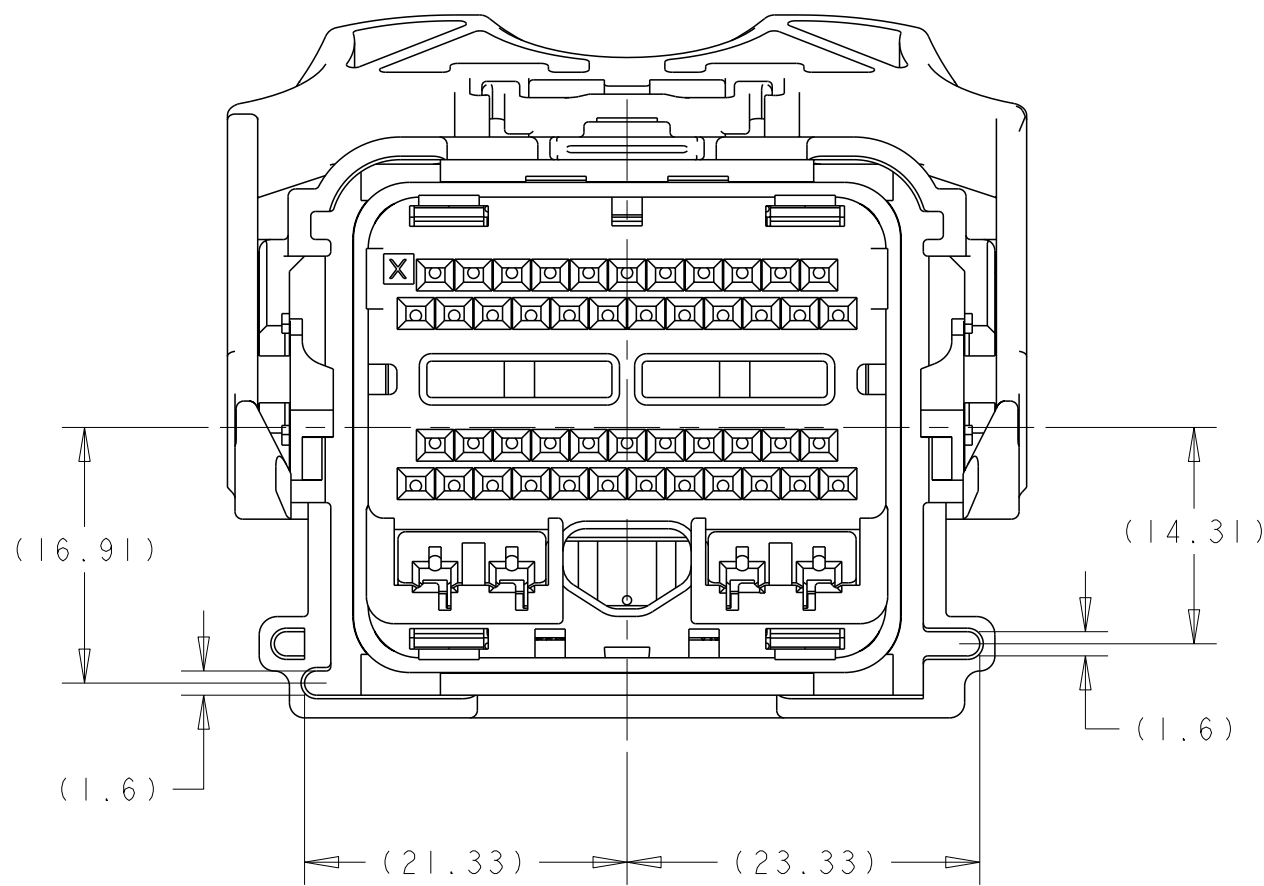
1438129-1
KEYING OPTION "A"



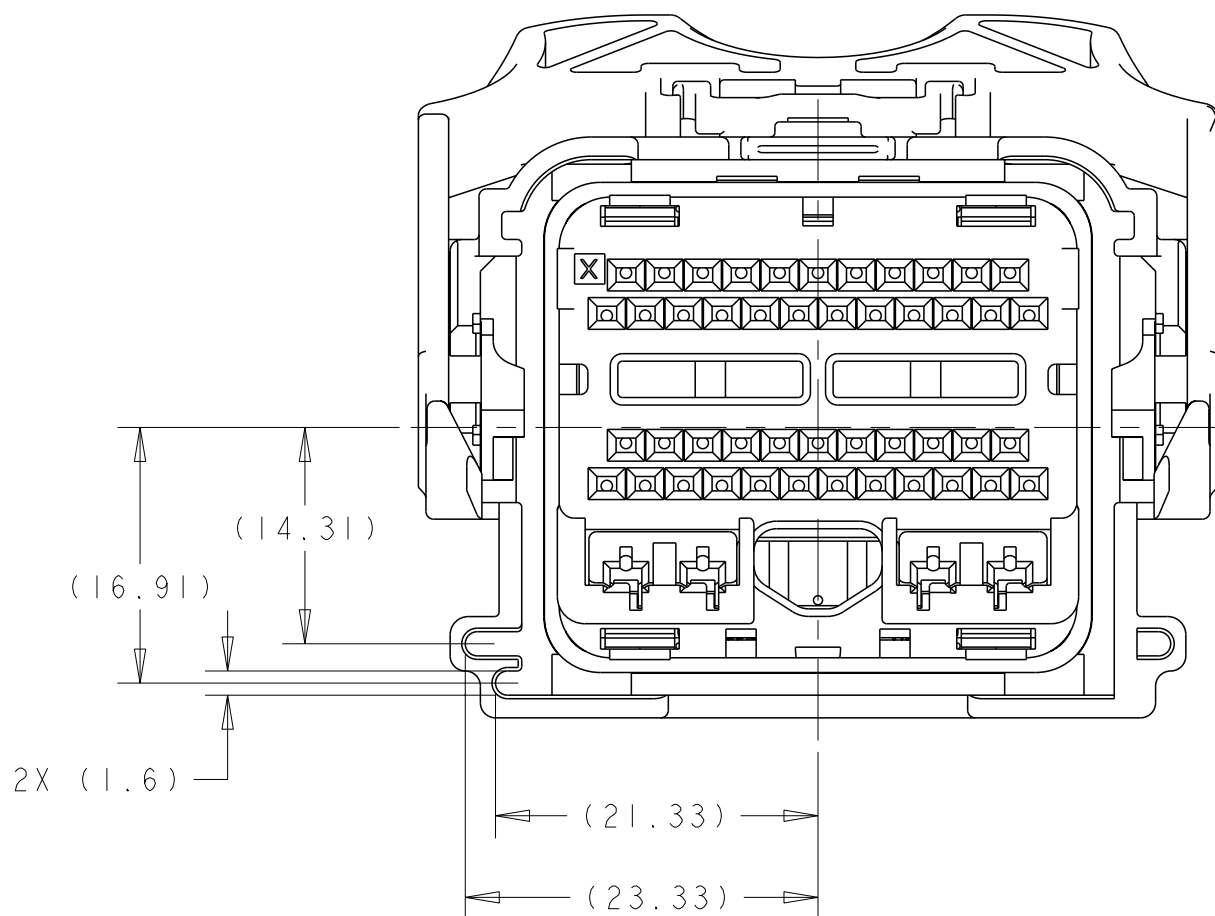
1438129-2
KEYING OPTION "B"



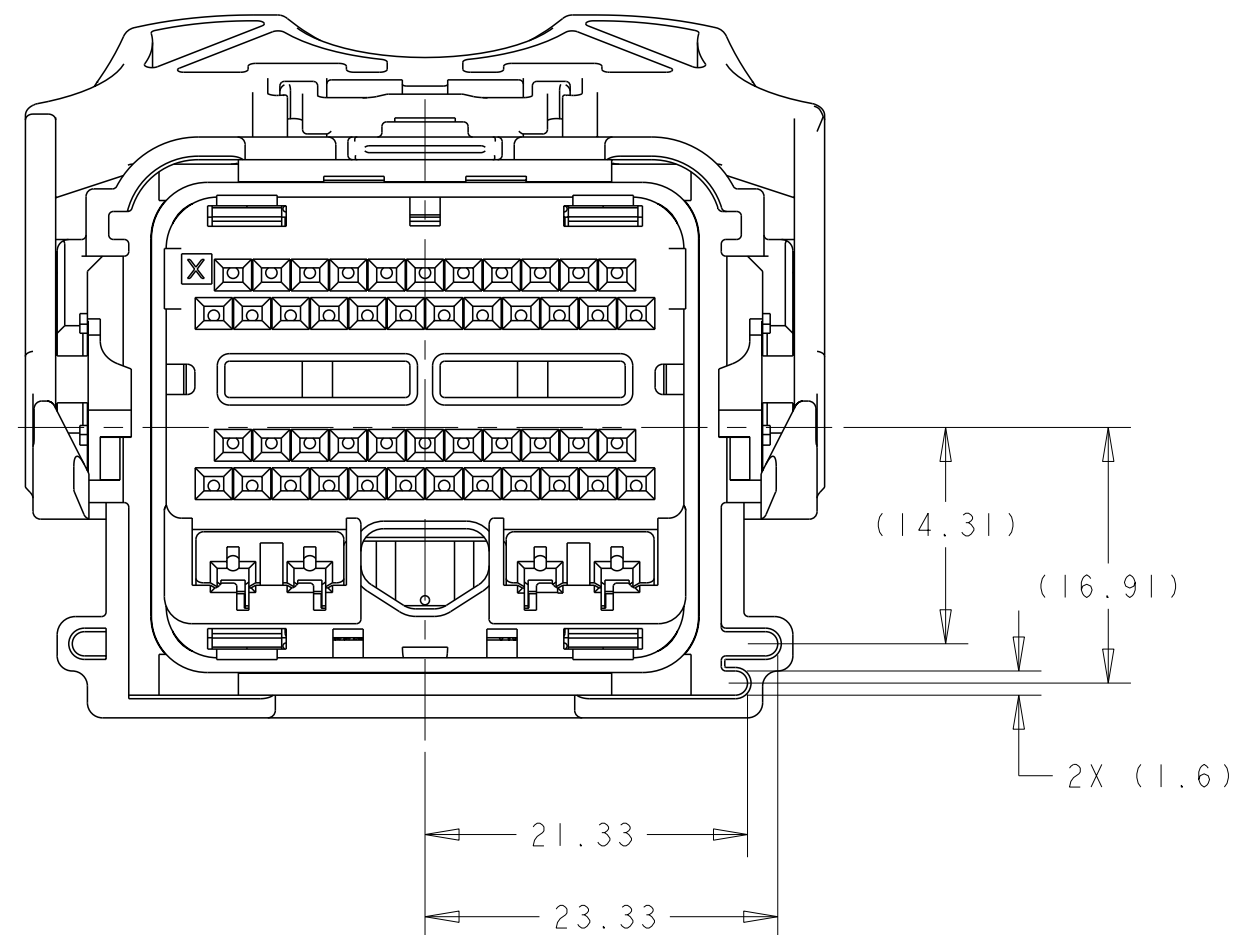
1438129-3
KEYING OPTION "C"



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	NAME 50-WAY HARNESS ASSEMBLY, PCM
DIMENSIONS:		CHK T. VALASEK	15APR2005		
mm		APVD T. VALASEK	15APR2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
0 PLC ±		APPLICATION SPEC		SIZE	CAGE CODE
1 PLC ±0.3				A1	00779
2 PLC ±0.10				©=1438129	
3 PLC ±				SCALE	2:1
4 PLC ±				SHEET	2
ANGLES ±°				OF	10
FINISH				REV	F37
MATERIAL		WEIGHT		RESTRICTED TO	
-				-	
-		CUSTOMER DRAWING			

CSIAL	15APR2005	 TE Connectivity				
ALASEK	15APR2005					
ALASEK SPEC	15APR2005					
ION SPEC		NAME	50-WAY HARNESS ASSEMBLY, PCM -			
-	SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO	
ER DRAWING		A1	00779	C=1438129	-	
SCALE		1:1		SHEET	3	OF 10
REV		F37				

[illegible]

KEYING OPTION B



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 15APR2005
CHK T. VALASEK 15APR2005
APVD T. VALASEK 15APR2005

PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
50-WAY HARNESS ASSEMBLY, PCM

SIZE CASE CODE DRAWING NO
A100779C=1438129

RESTRICTED TO
-

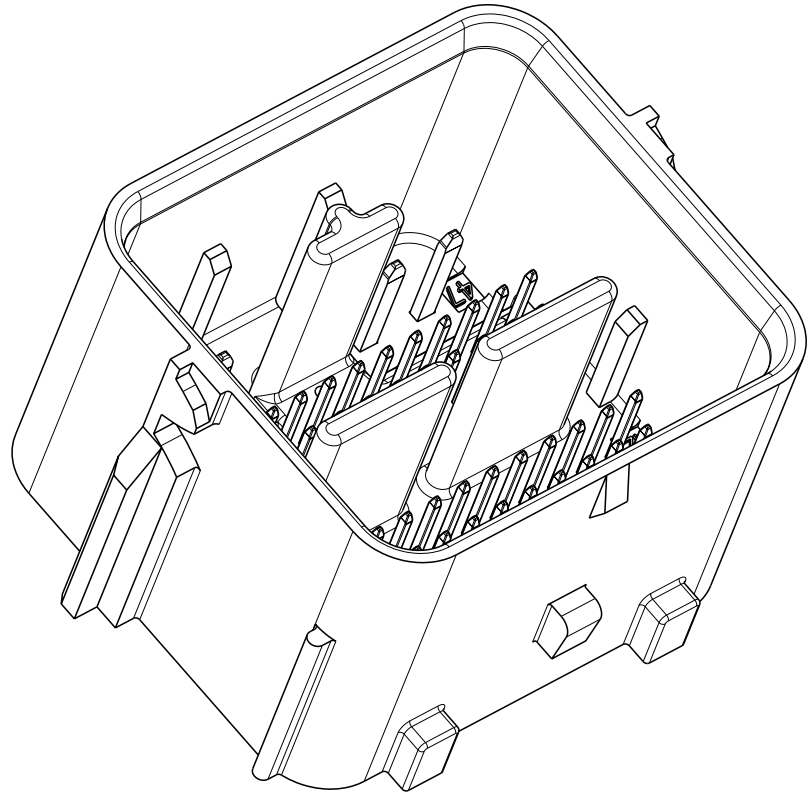
SCALE 1:1 SHEET 7 OF 10 REF 37

4805 (3/13)

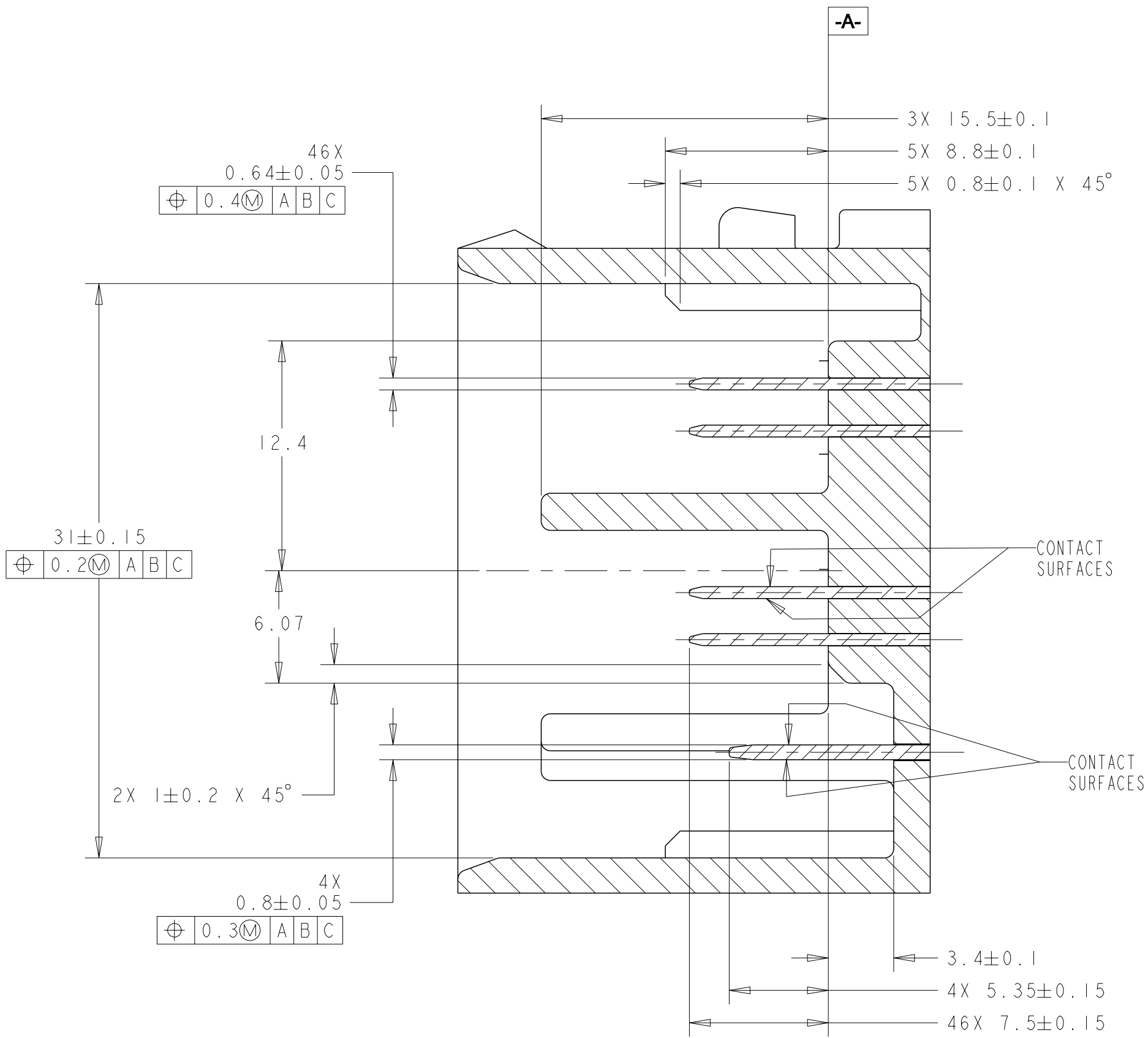
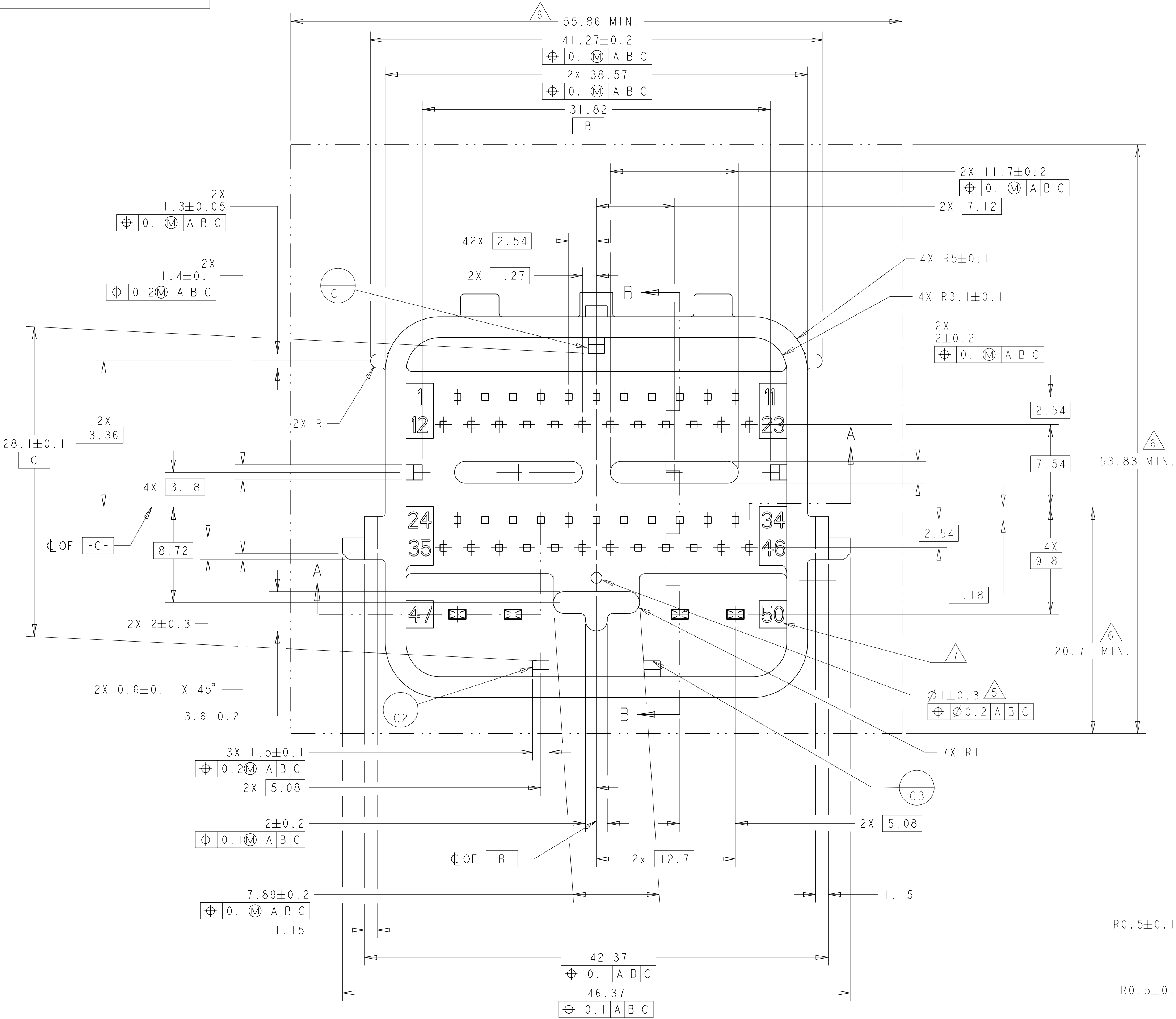
REVISIONS					
#	LTR	DESCRIPTION	DATE	OWN	APPD
	-	SEE SHEET I	-	-	-

KEYING OPTION C

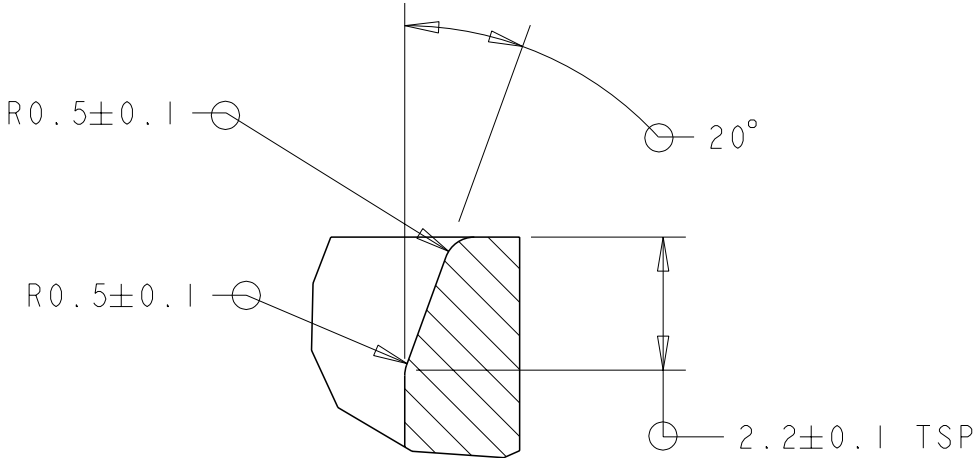
[illegible][illegible]



SCALE 2:1



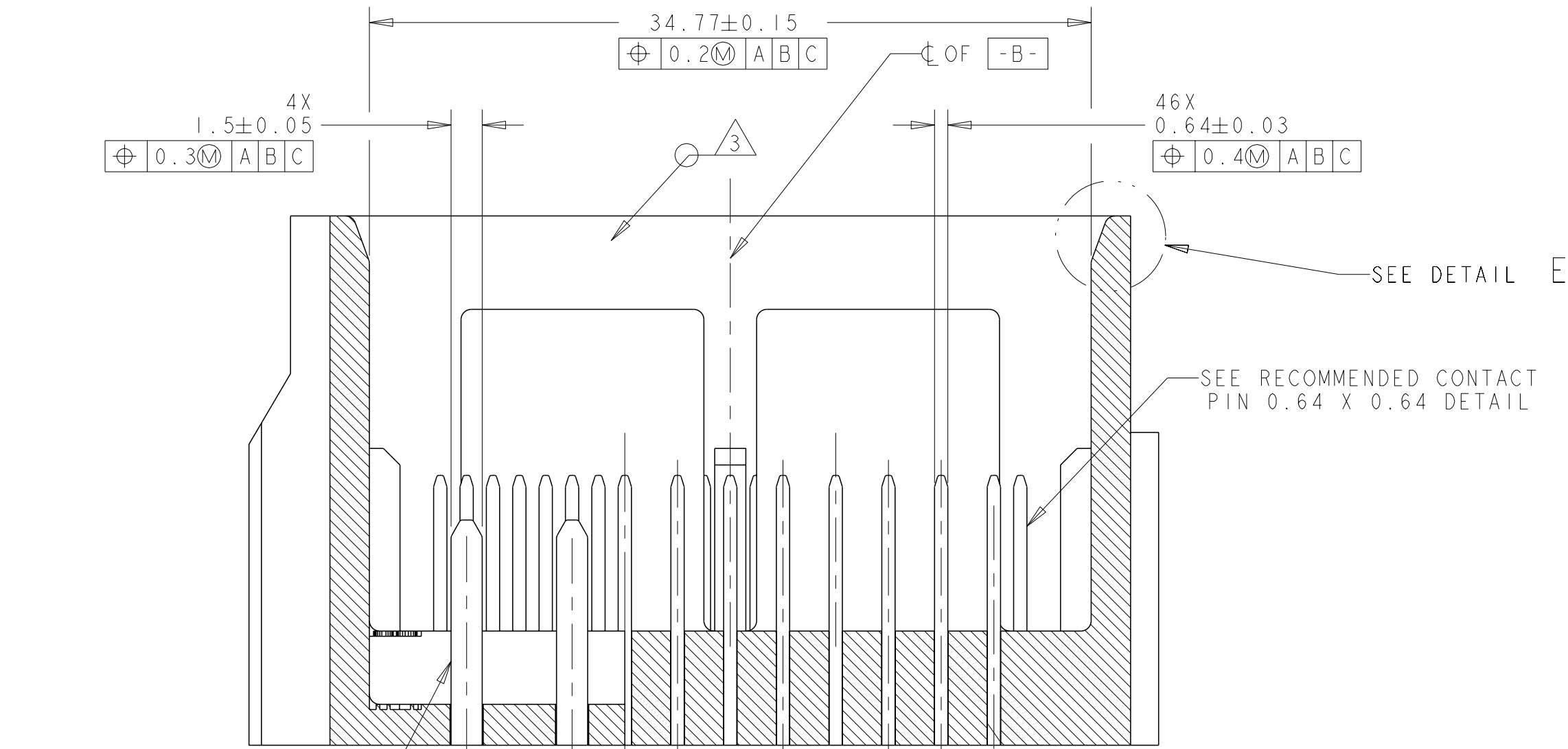
SECTION B-B



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

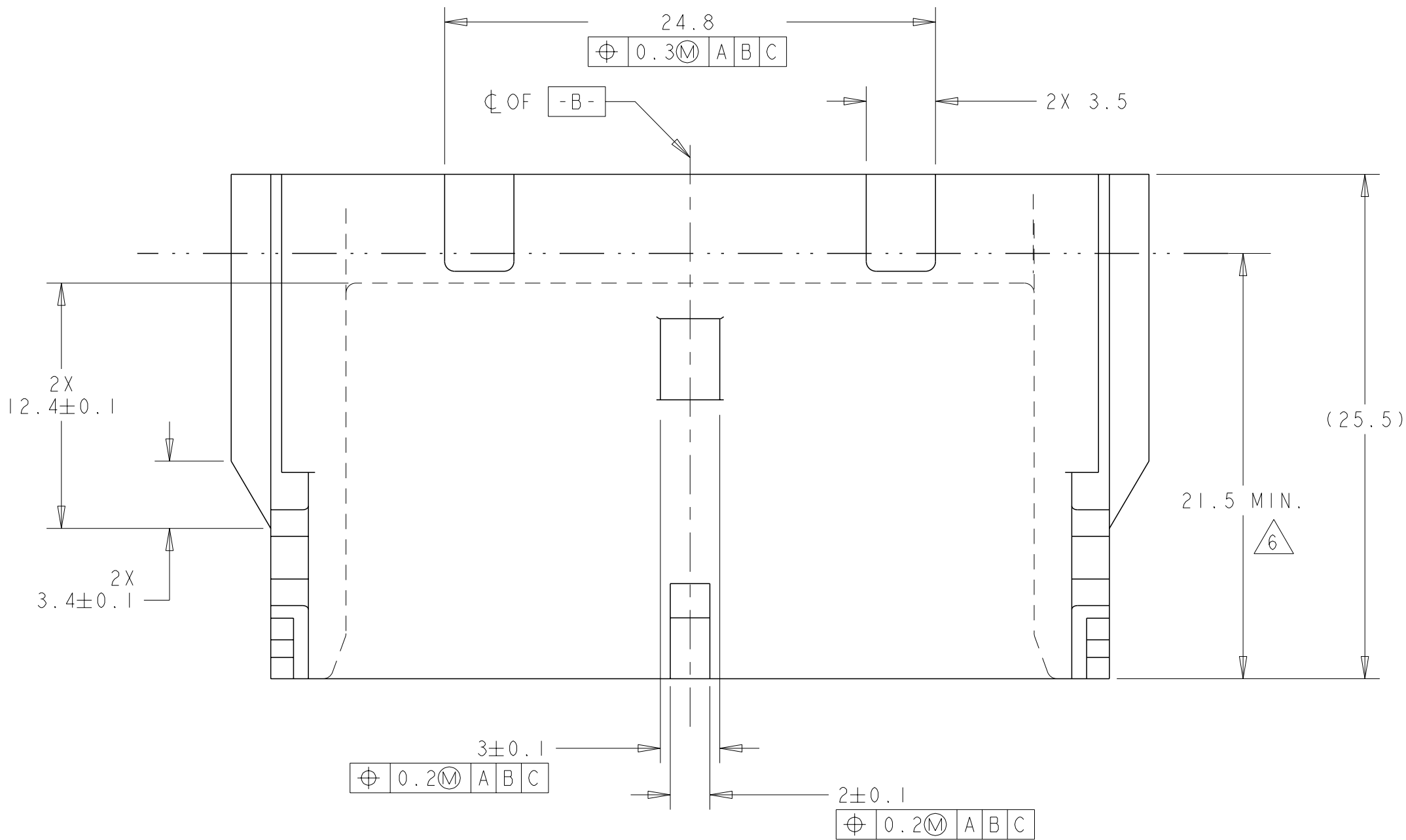
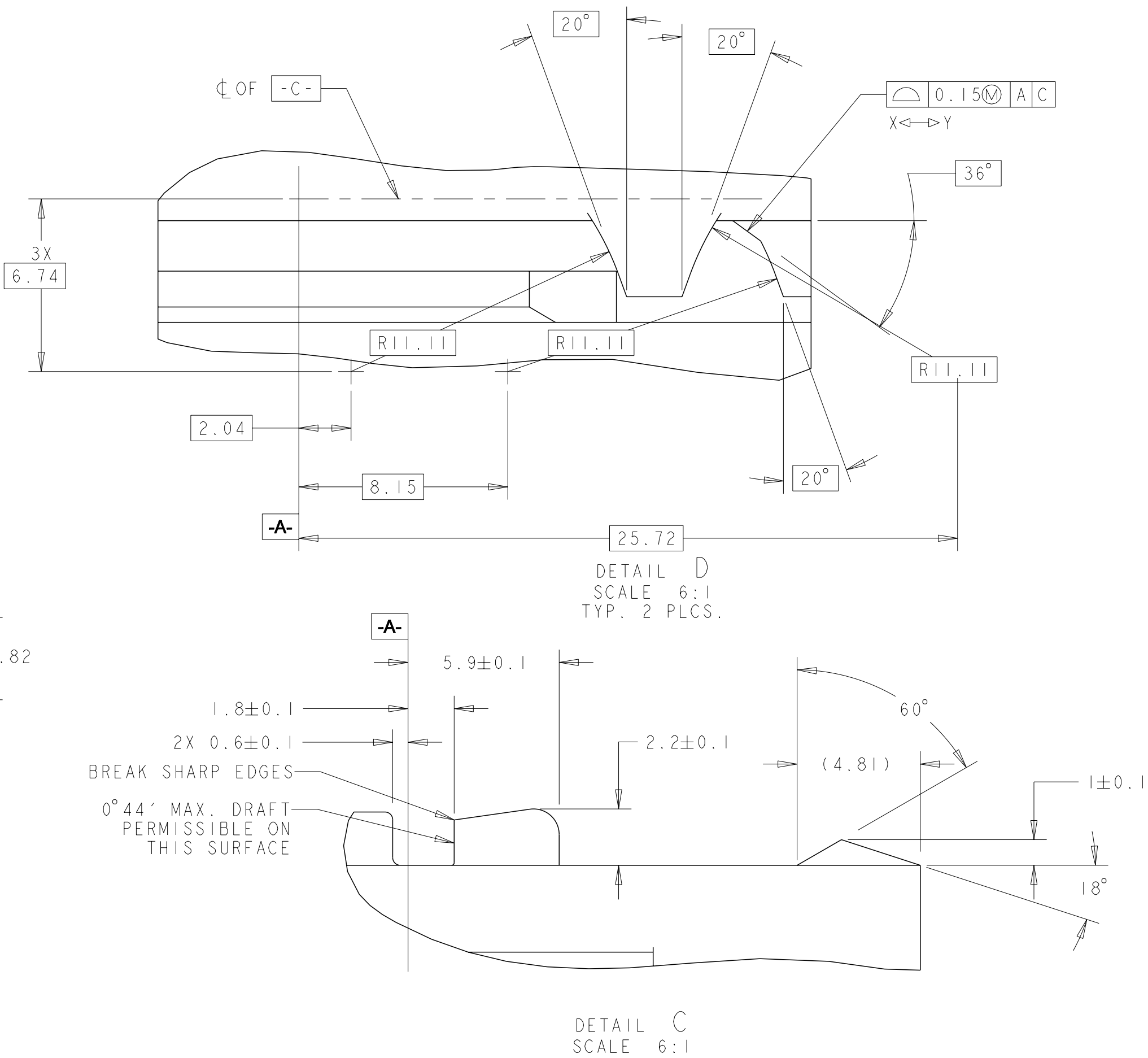
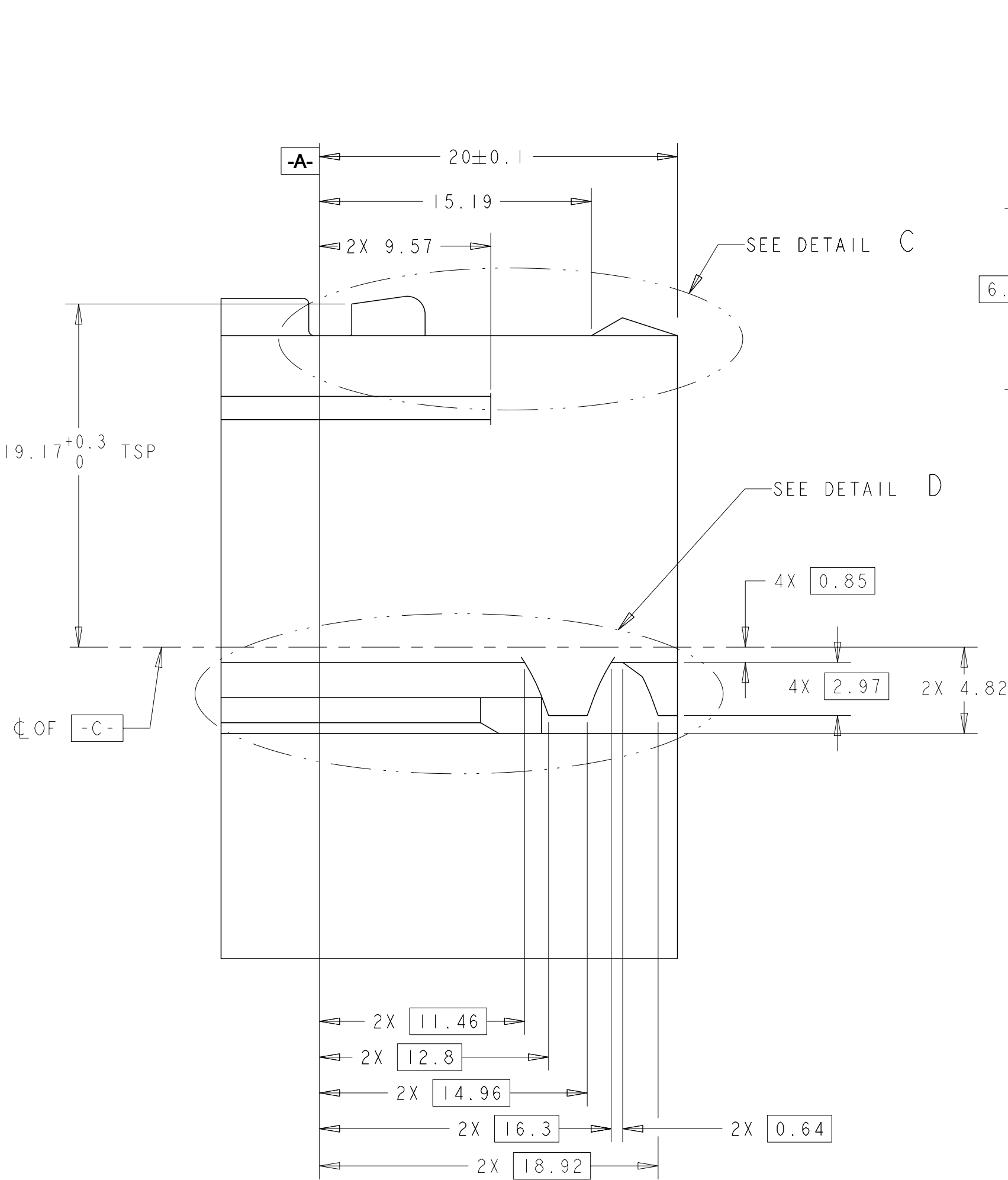
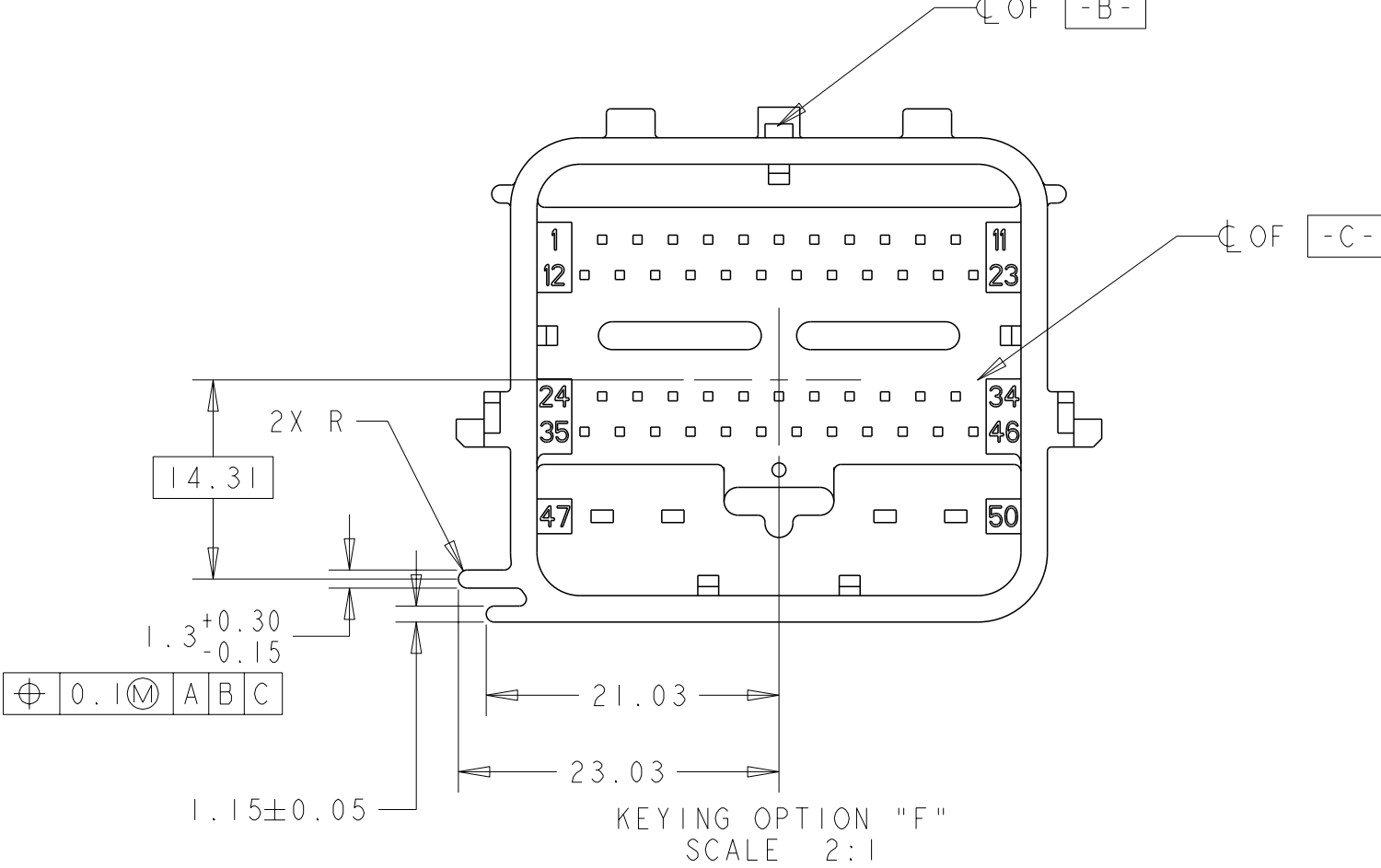
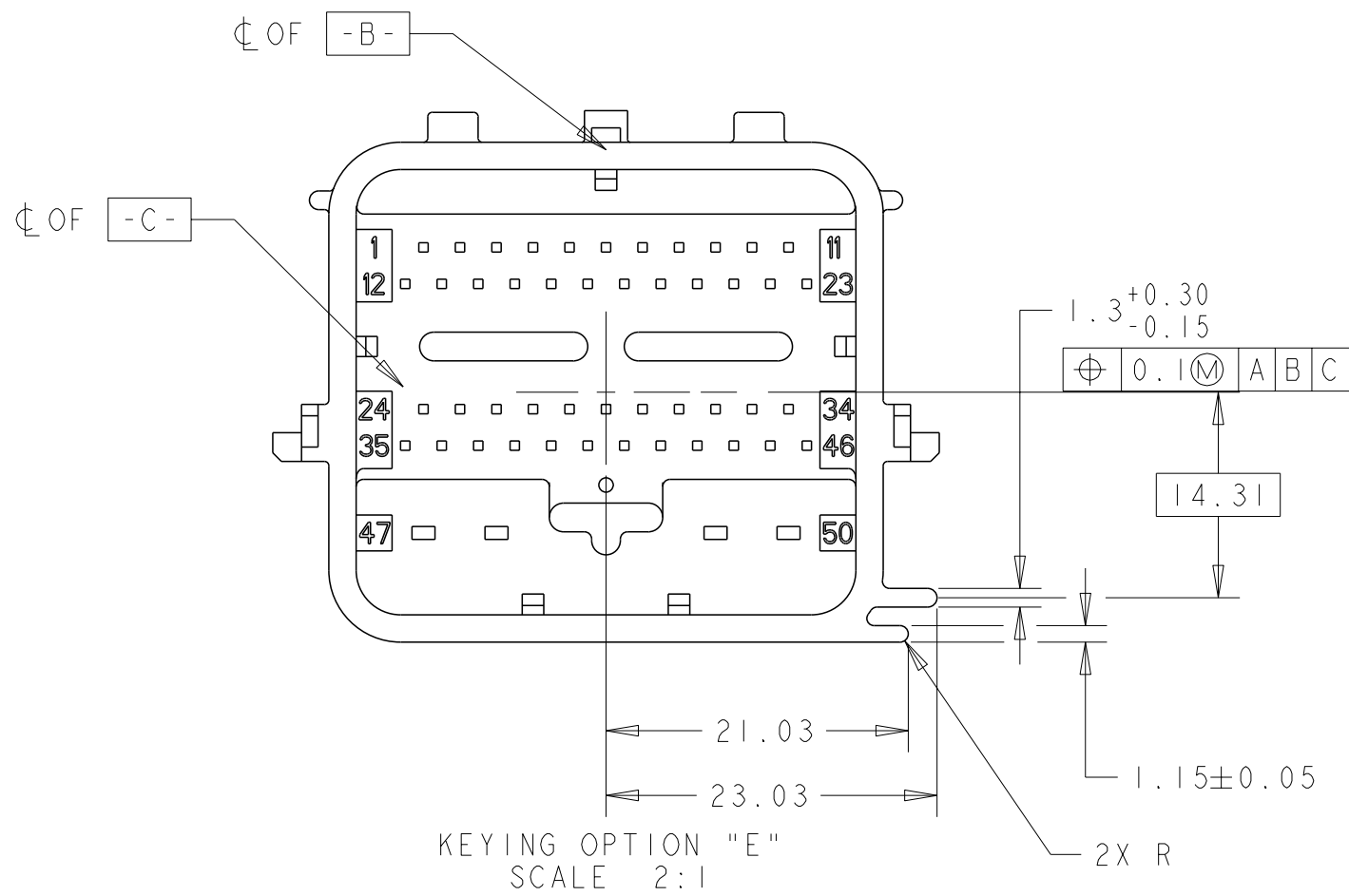
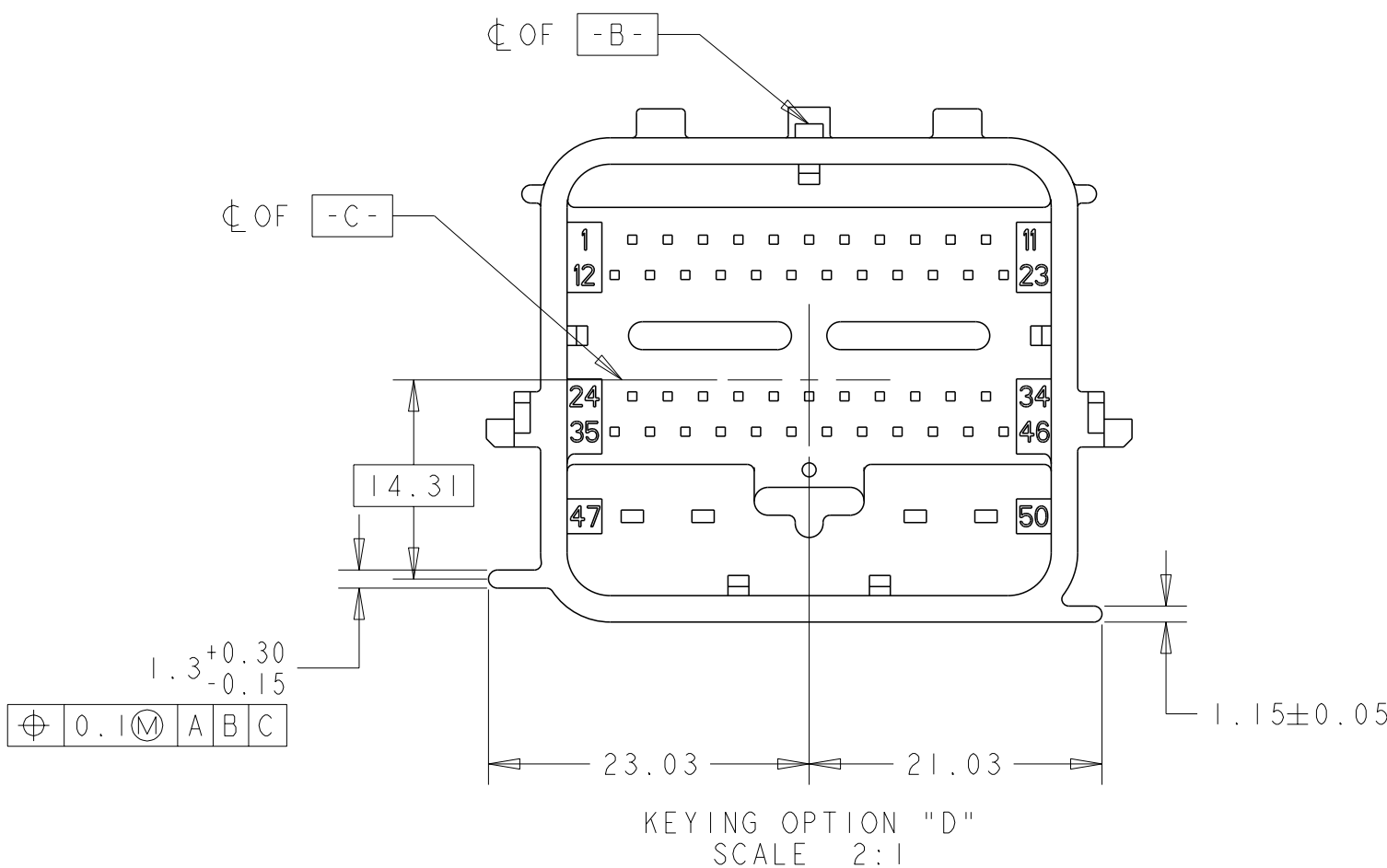
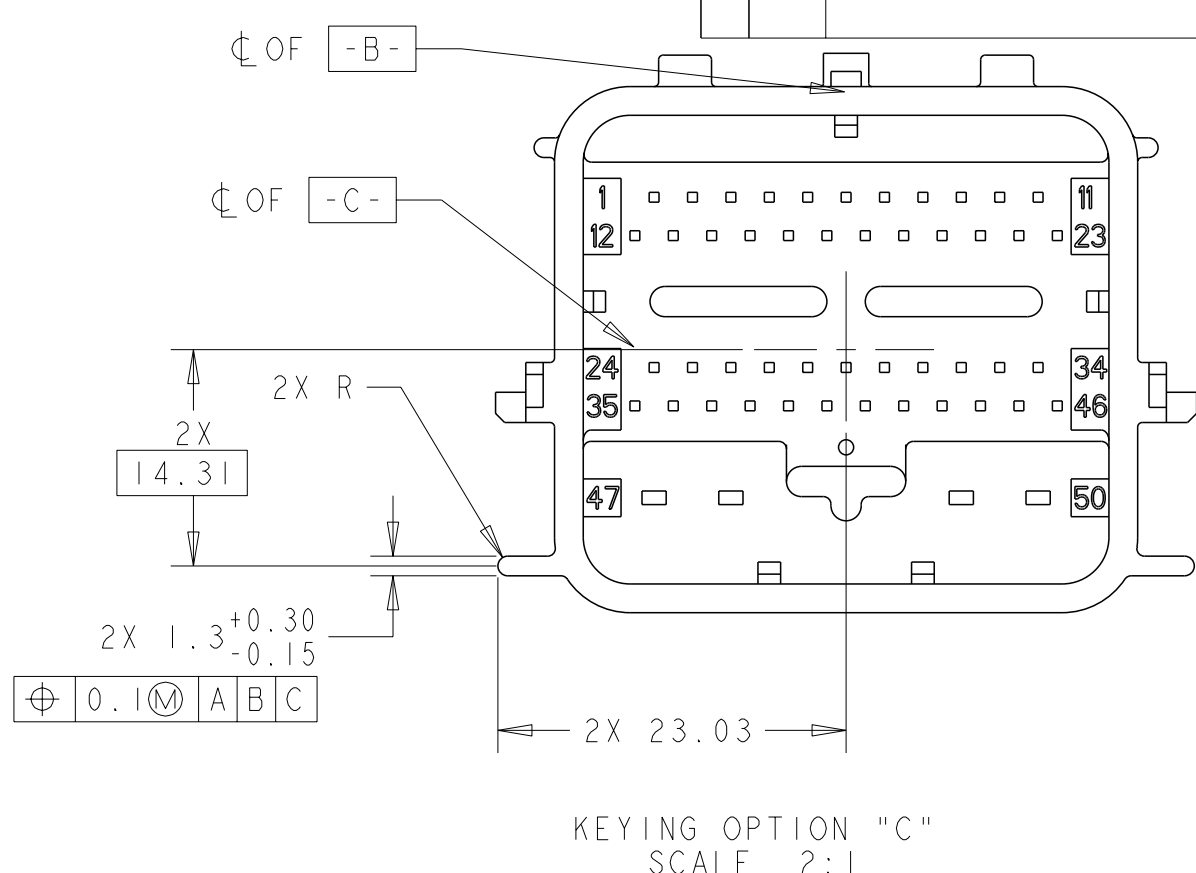
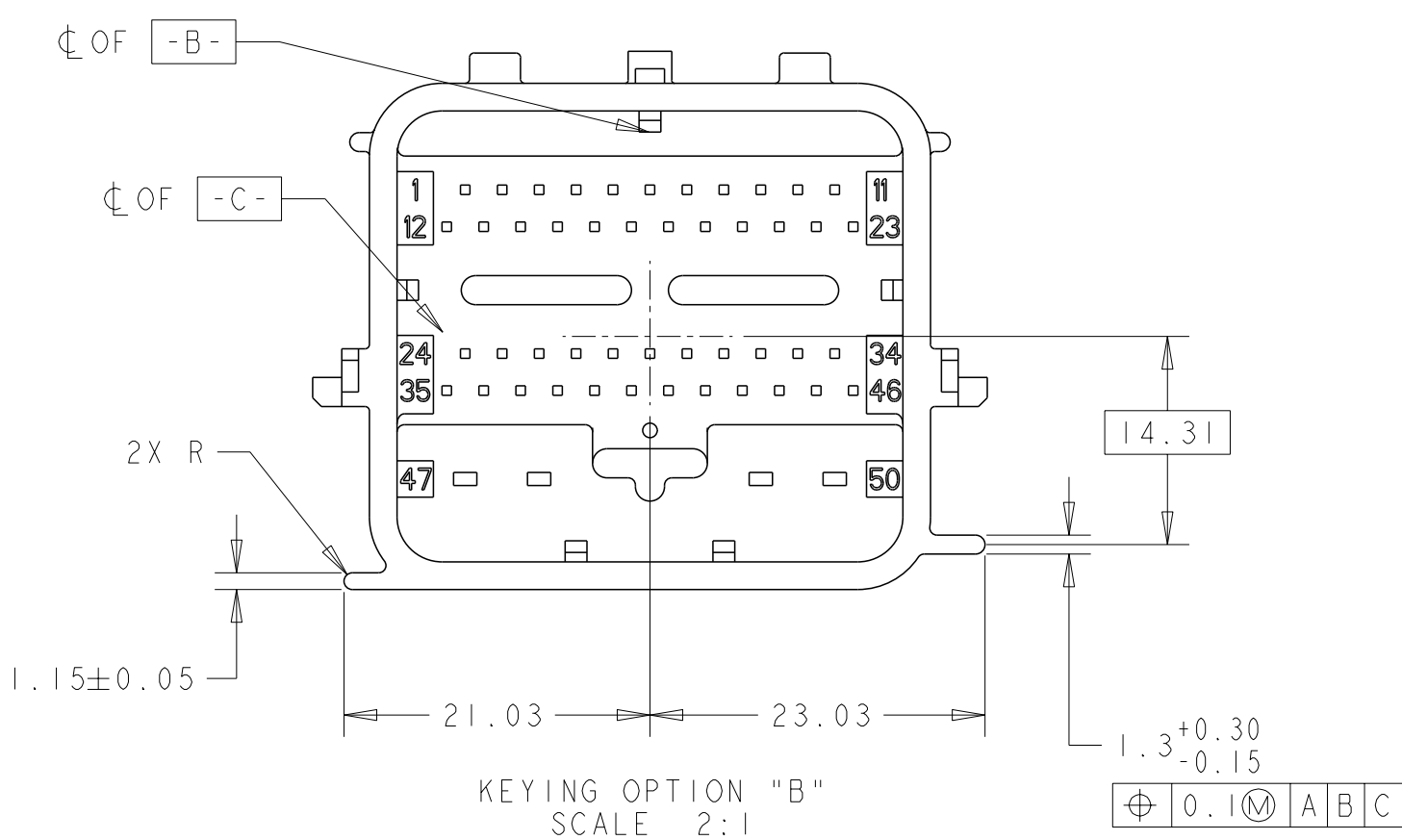
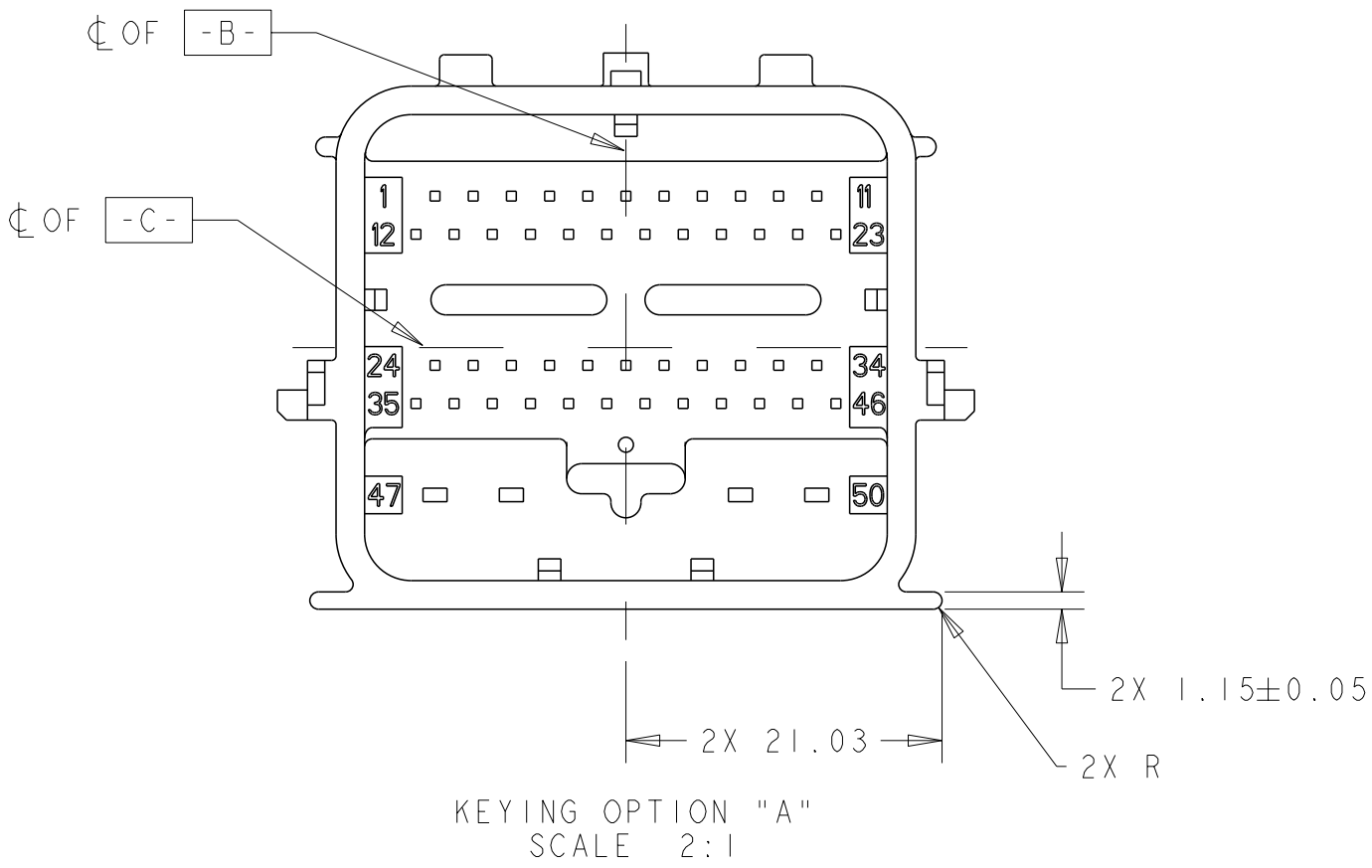
SEE DETAIL E

SEE RECOMMENDED CONTACT
PIN 0.64 X 0.64 DETAIL

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN R. VESTAL 15APR2005				 TE Connectivity					
				CMY T. VALASEK 15APR2005									
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD T. VALASEK 15APR2005		NAME		50-WAY HARNESS ASSEMBLY, PCM					
mm				PRODUCT SPEC									
		0 PLC	±	APPLICATION SPEC		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
		1 PLC	±0.3										
		2 PLC	±0.10										
		3 PLC	±										
		4 PLC	±										
ANGLES		±1°		WEIGHT		A100779		C=1438129		-			
FINISH		-		CUSTOMER DRAWING		SCALE		1:1		SHEET 9 OF 10		REF 37	
MATERIAL		-											
-		-											

HEADER INTERFACE KEYING OPTIONS

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. VESTAL CHK T. VALASEK APVD T. VALASEK	15APR2005 15APR2005 15APR2005
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ± 4 PLC ± ANGLES ±°	
MATERIAL -		FINISH -	
CUSTOMER DRAWING		WEIGHT -	
SIZE A1		CAGE CODE 100779	
DRAWING NO. 1438129		RESTRICTED TO -	
SCALE 1:1		SHEET 10 OF 10	

Mouser Electronics

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