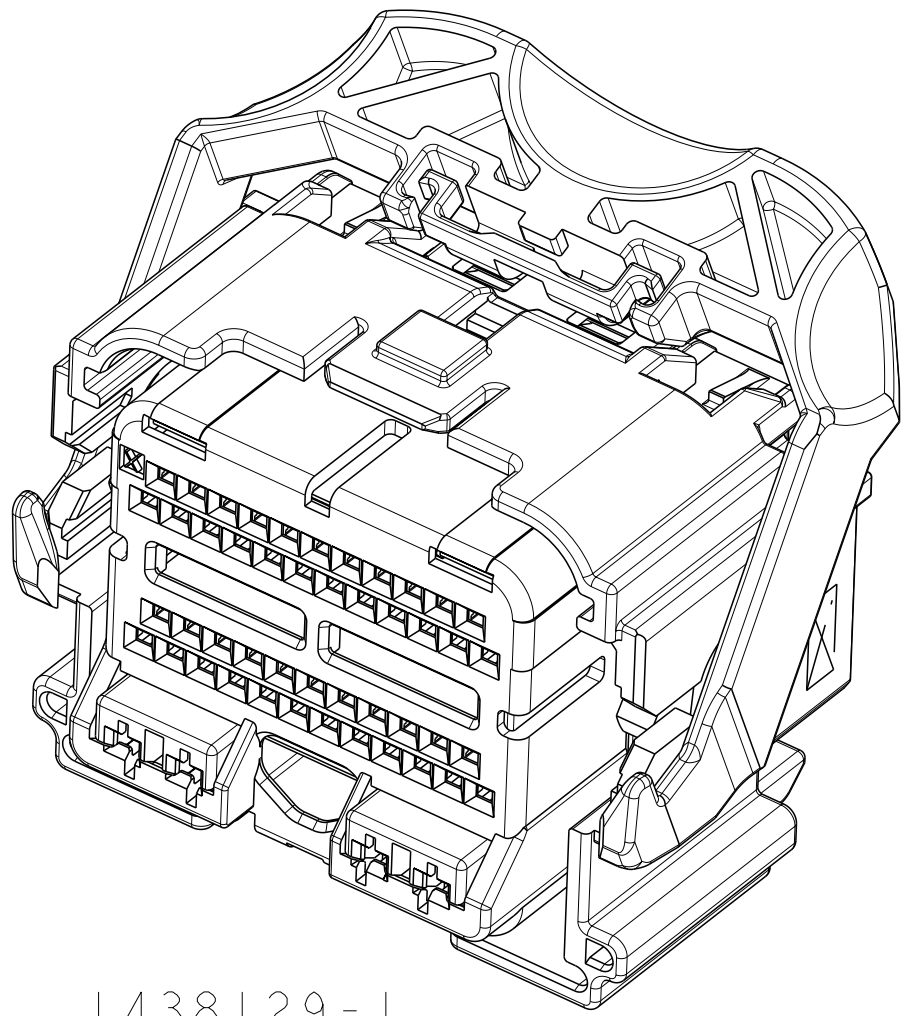
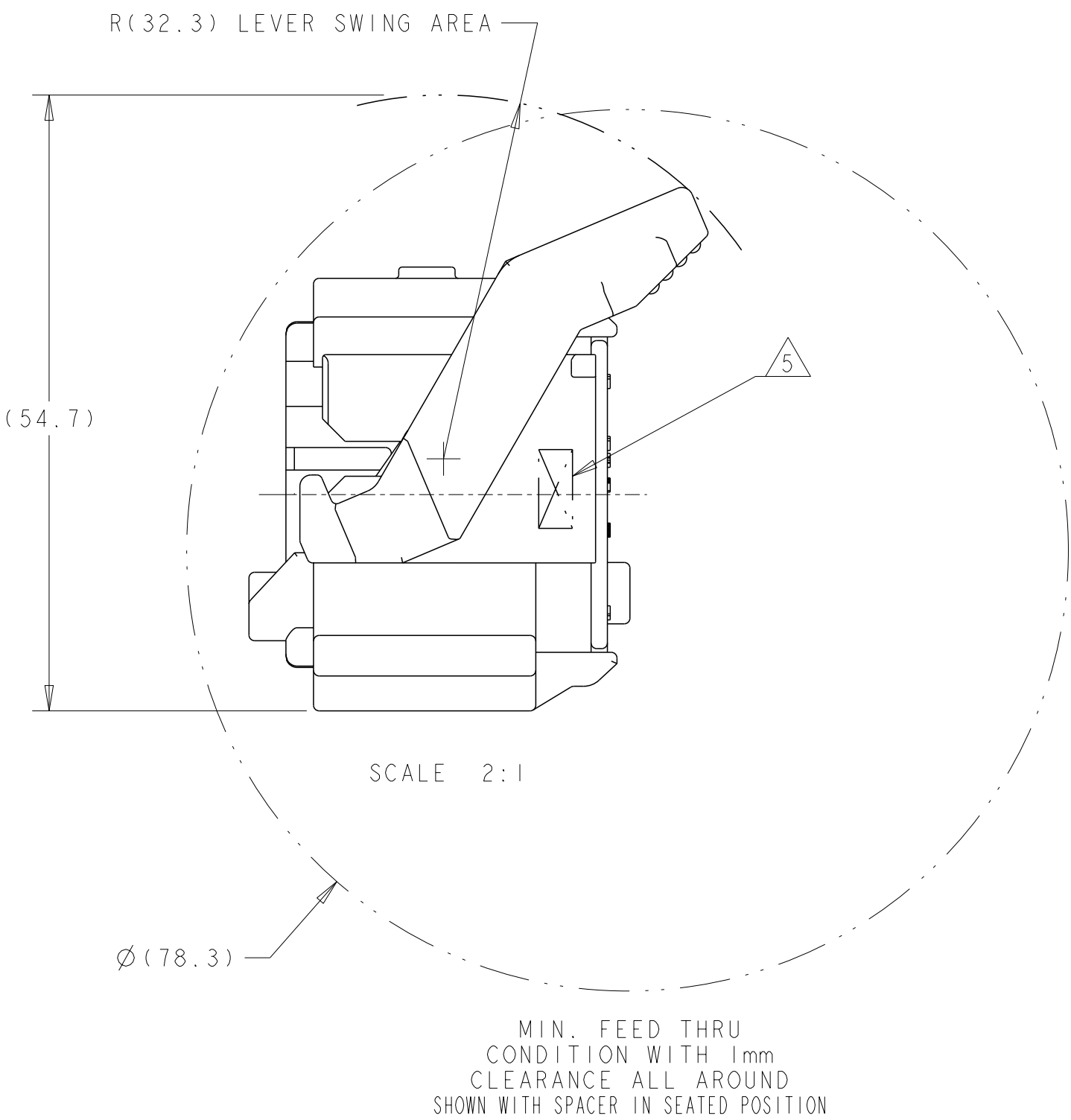
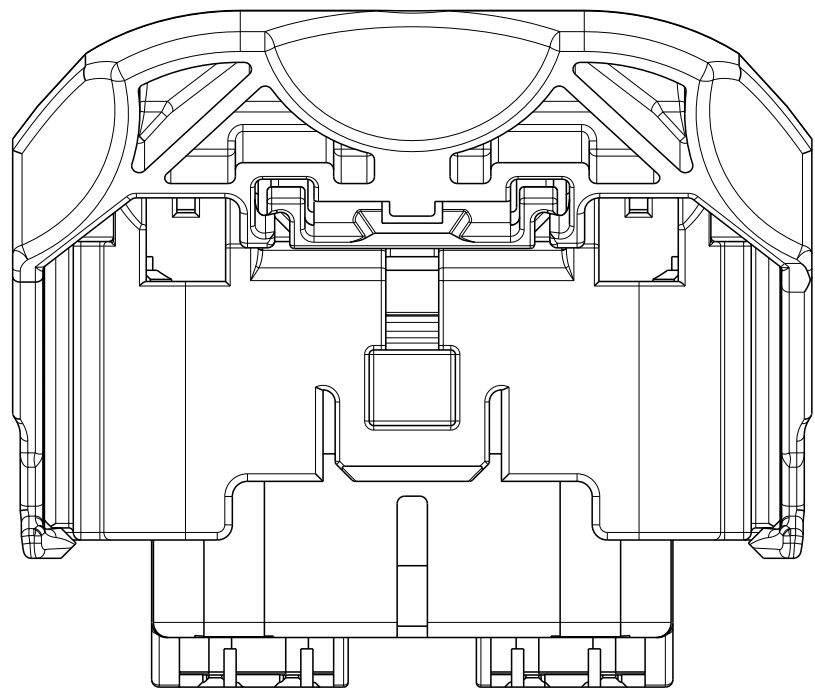




1438129-1
SHOWN WITH SPACER
IN SEATED POSITION



REVISIONS					
#	LYR	DESCRIPTION	DATE	DWN	APVD
F34		REVISED PER ECO-17-007768	30MAY2017	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

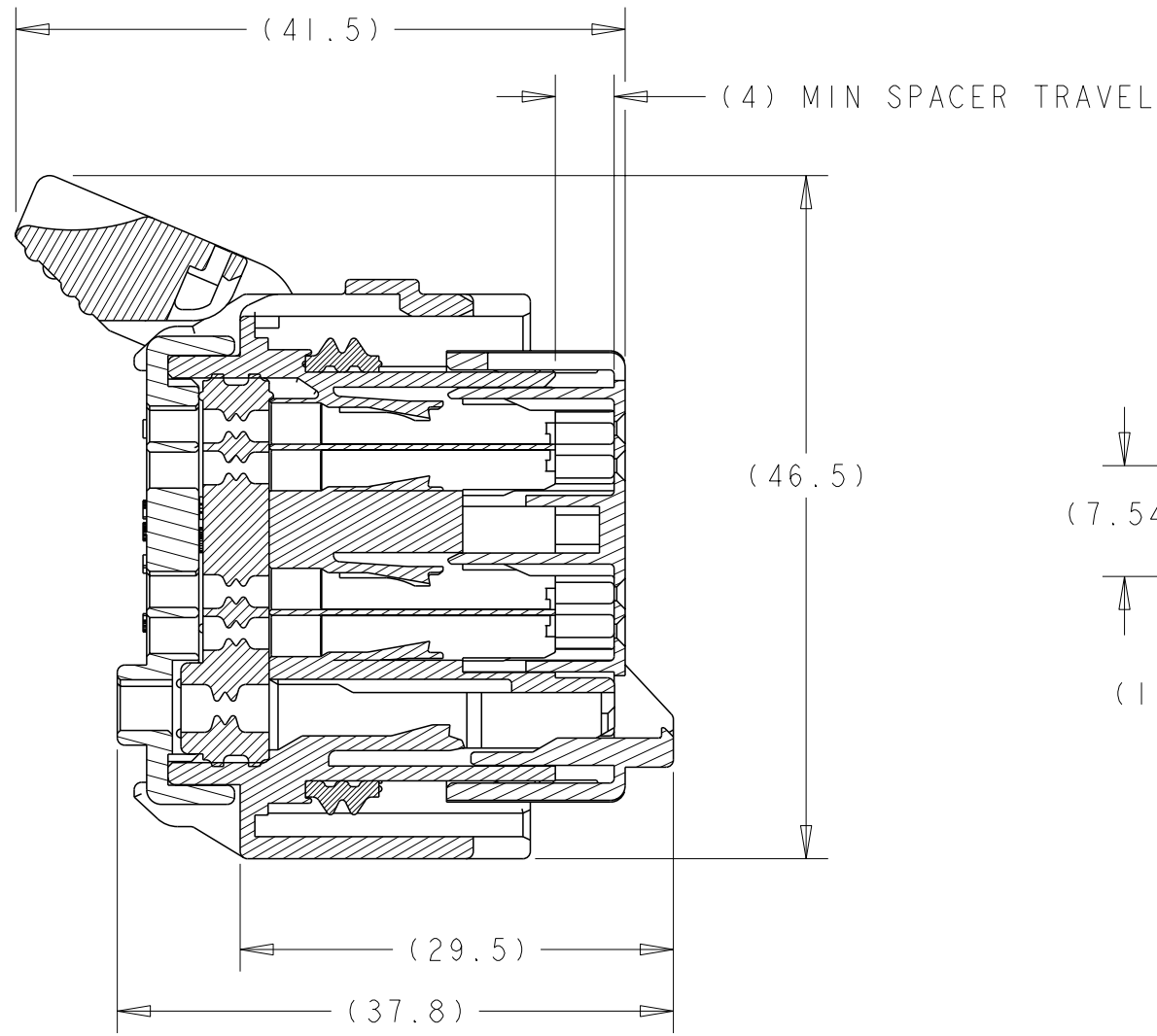
PRINT PART NUMBER (5S4T-14A464-L*-***, 5S4T-14A464-M*-***, 5S4T-14A464-N*-***) AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE IN THE LOCATION AT ASSEMBLY. SEE SHEET 3 THRU 7 (-*) PART NUMBERS.
2.

APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS:
33012-0002 TIN 0.50-1.50mm²
3.

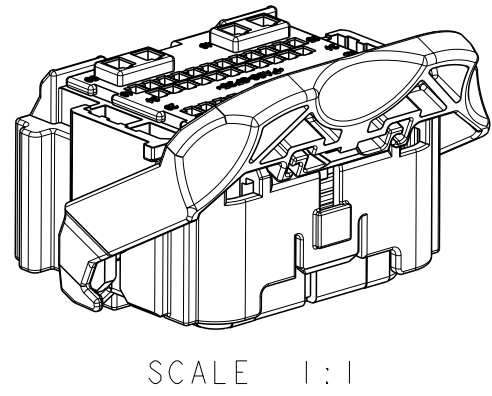
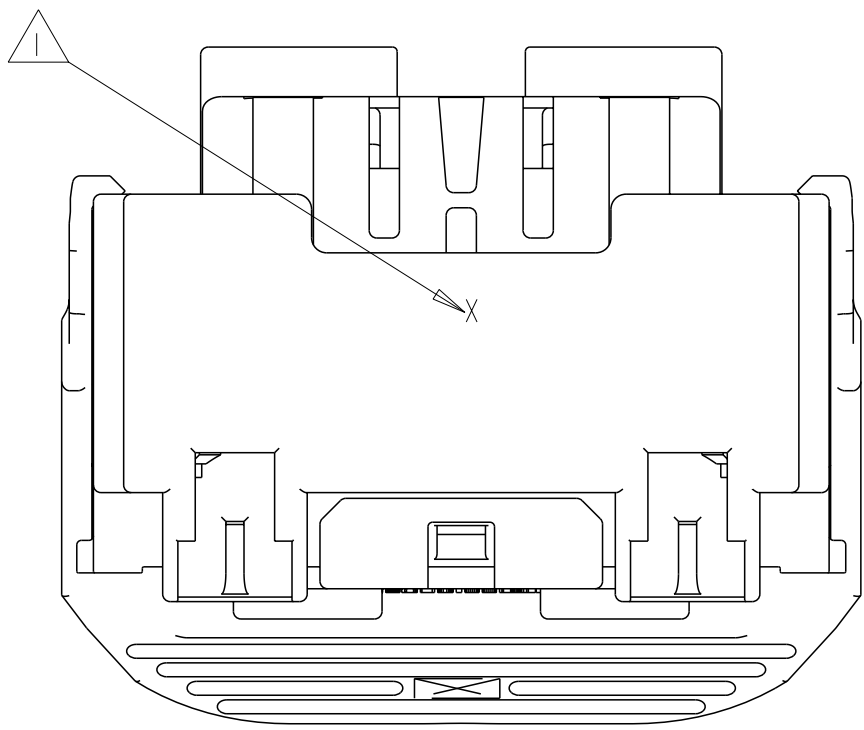
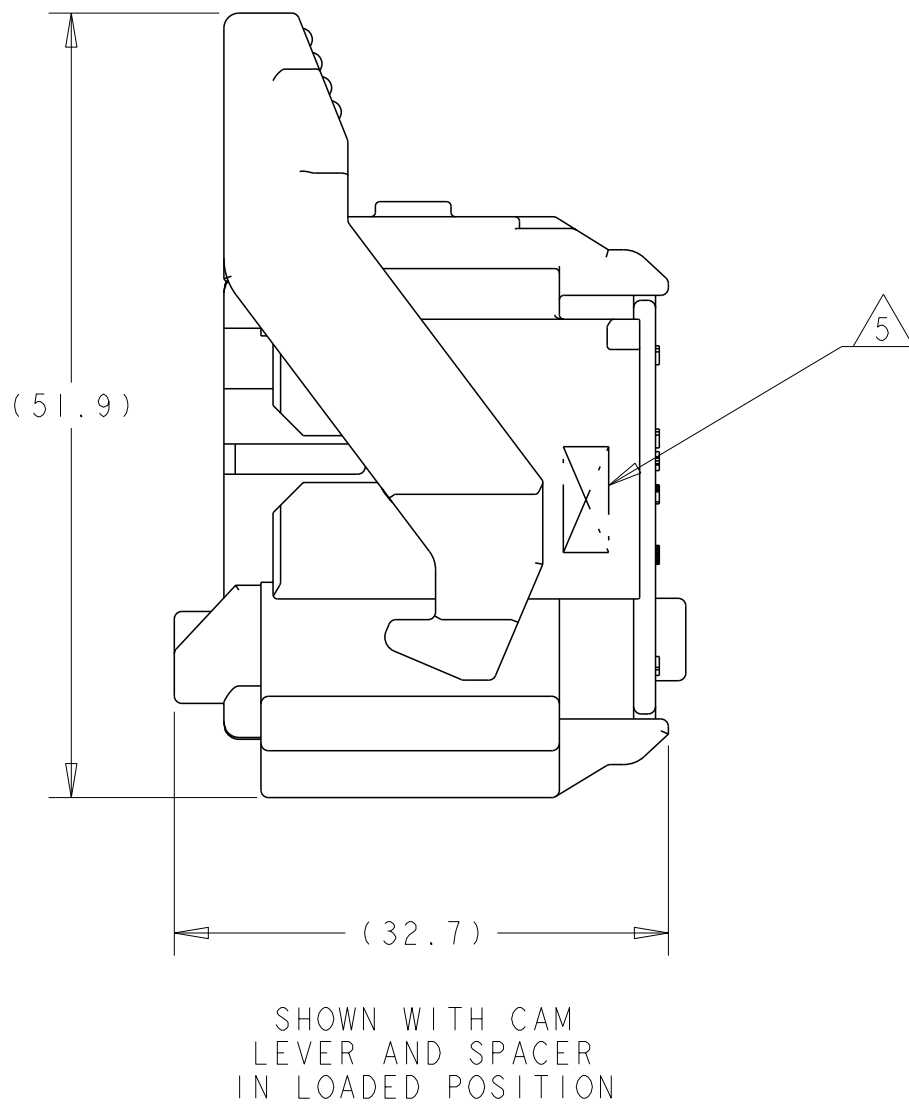
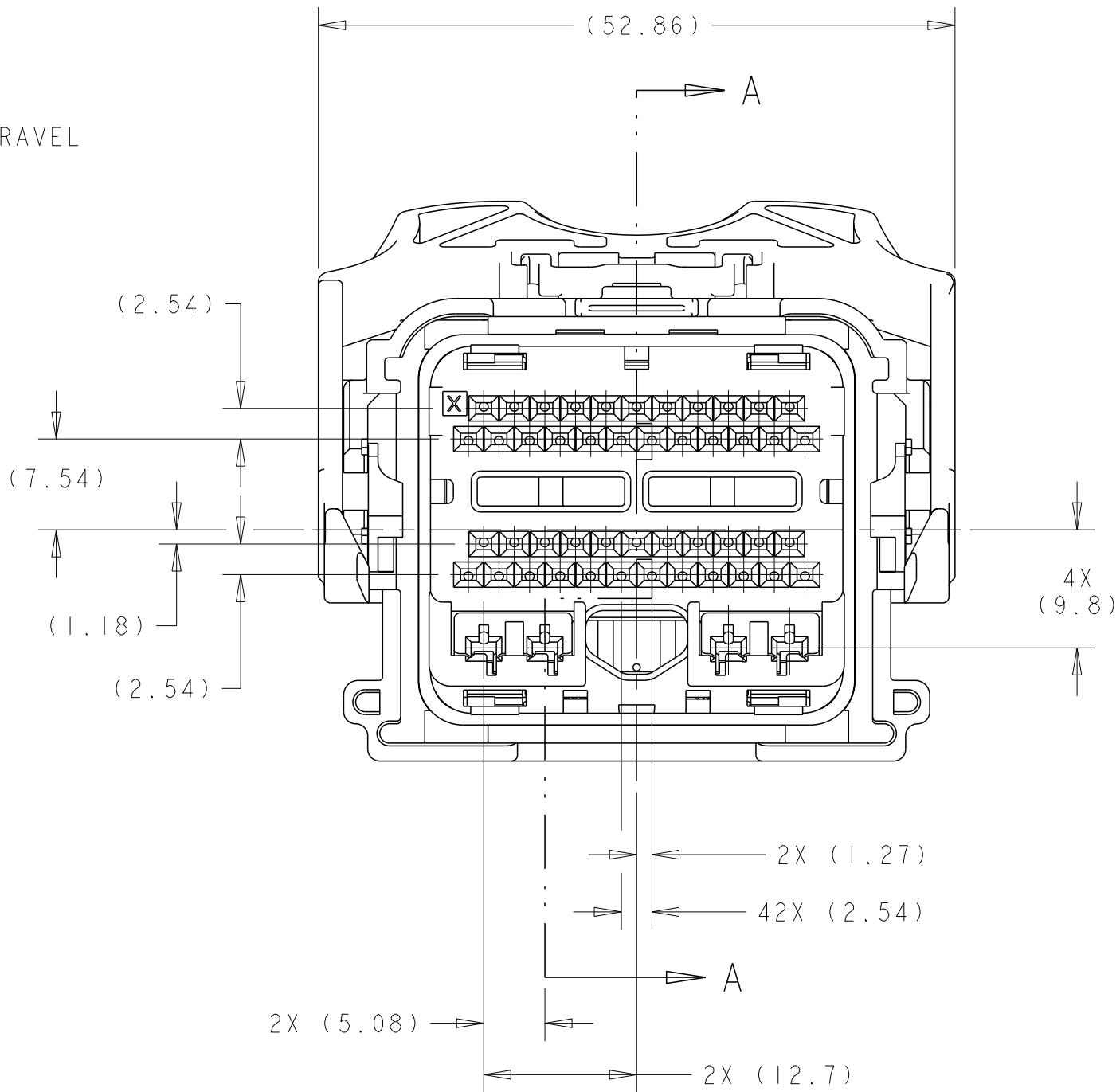
CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
4.

REFERENCE TE CONNECTIVITY INSTRUCTION SHEET 408-8893.
- 5

COMPANY LOGO.



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



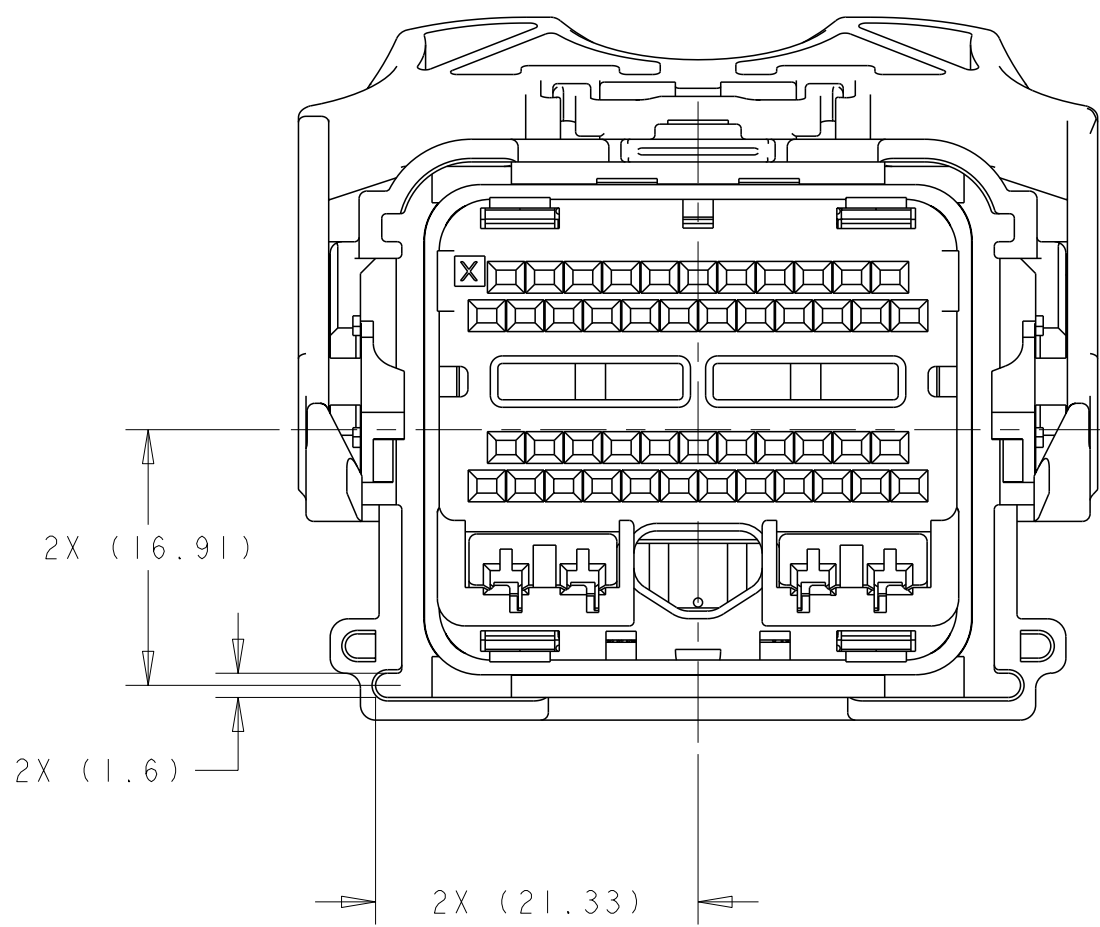
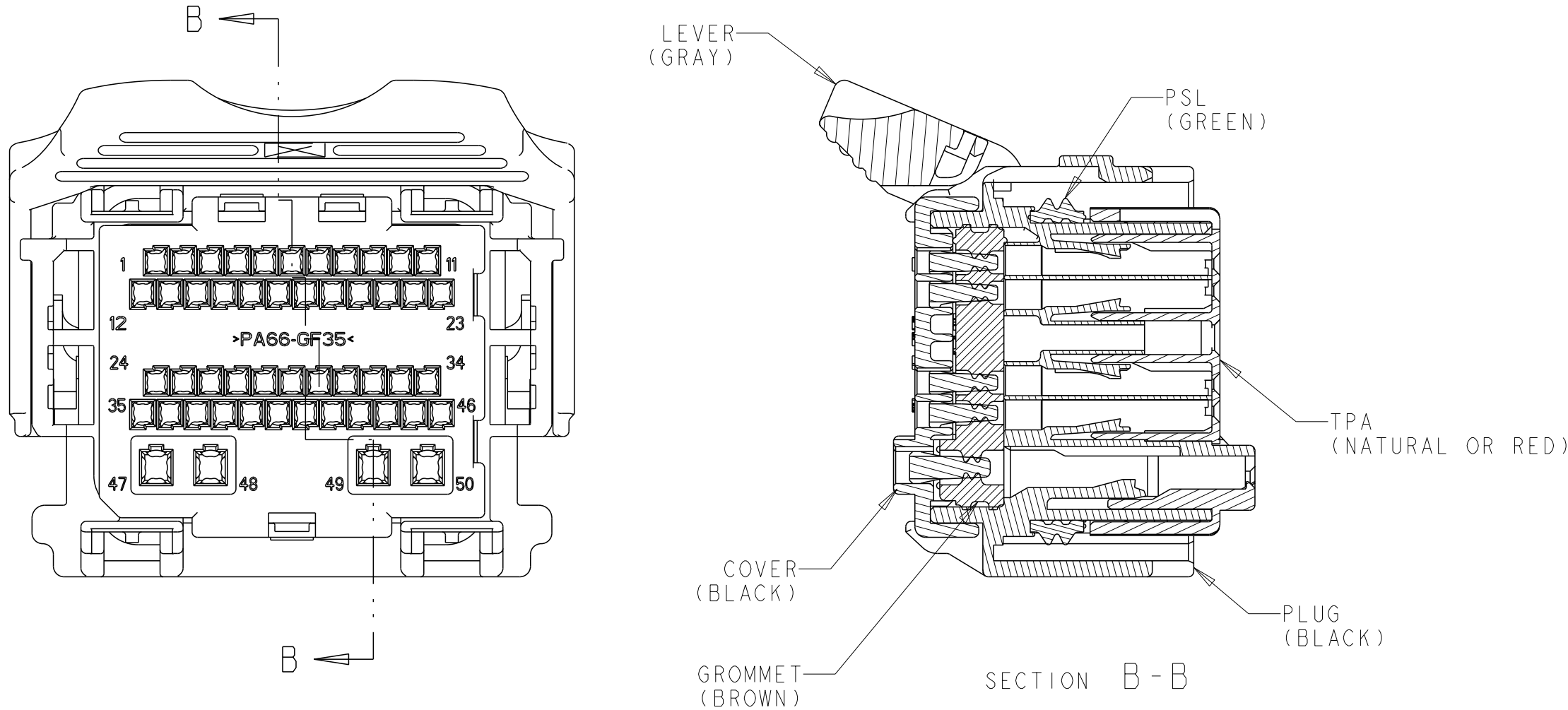
SCALE 1:1

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	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

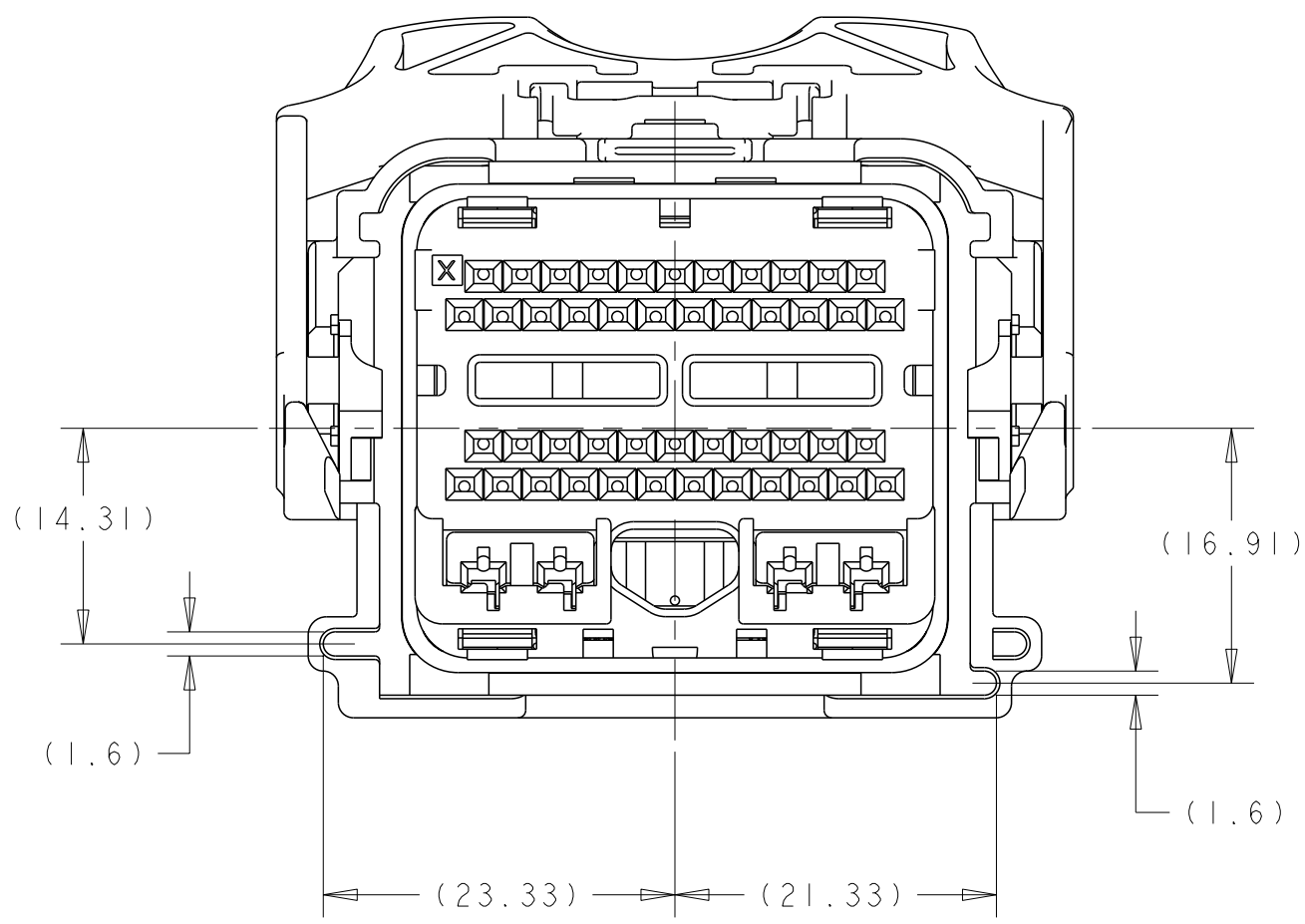
ANY DESIGN CHANGES ON THIS ASSEMBLY MAY
ALSO BE REQUIRED ON ASSEMBLY DRAWING 1438691

THIS DRAWING IS A CONTROLLED DOCUMENT.			SEE TABLES SHEETS 3 THRU 7 PART NUMBER		
DWN R. VESTAL CHK T. VALASEK APVD T. VALASEK			NAME 50-WAY HARNESS ASSEMBLY, PCM		
DIMENSIONS: mm			PRODUCT SPEC		
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APPLICATION SPEC		
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH			WEIGHT		
MATERIAL			CUSTOMER DRAWING		
SCALE 1:1			SHEET 1 OF 10		

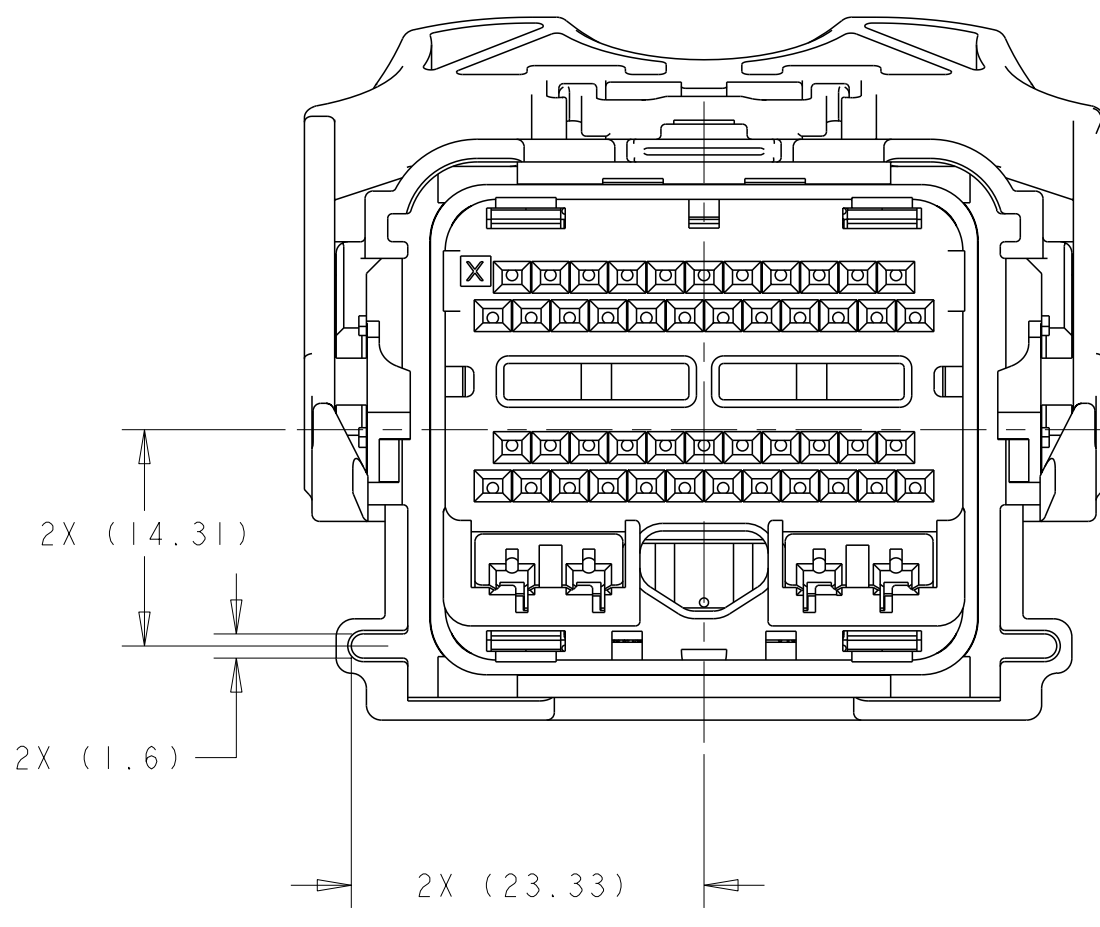
REVISIONS					
P	LYR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



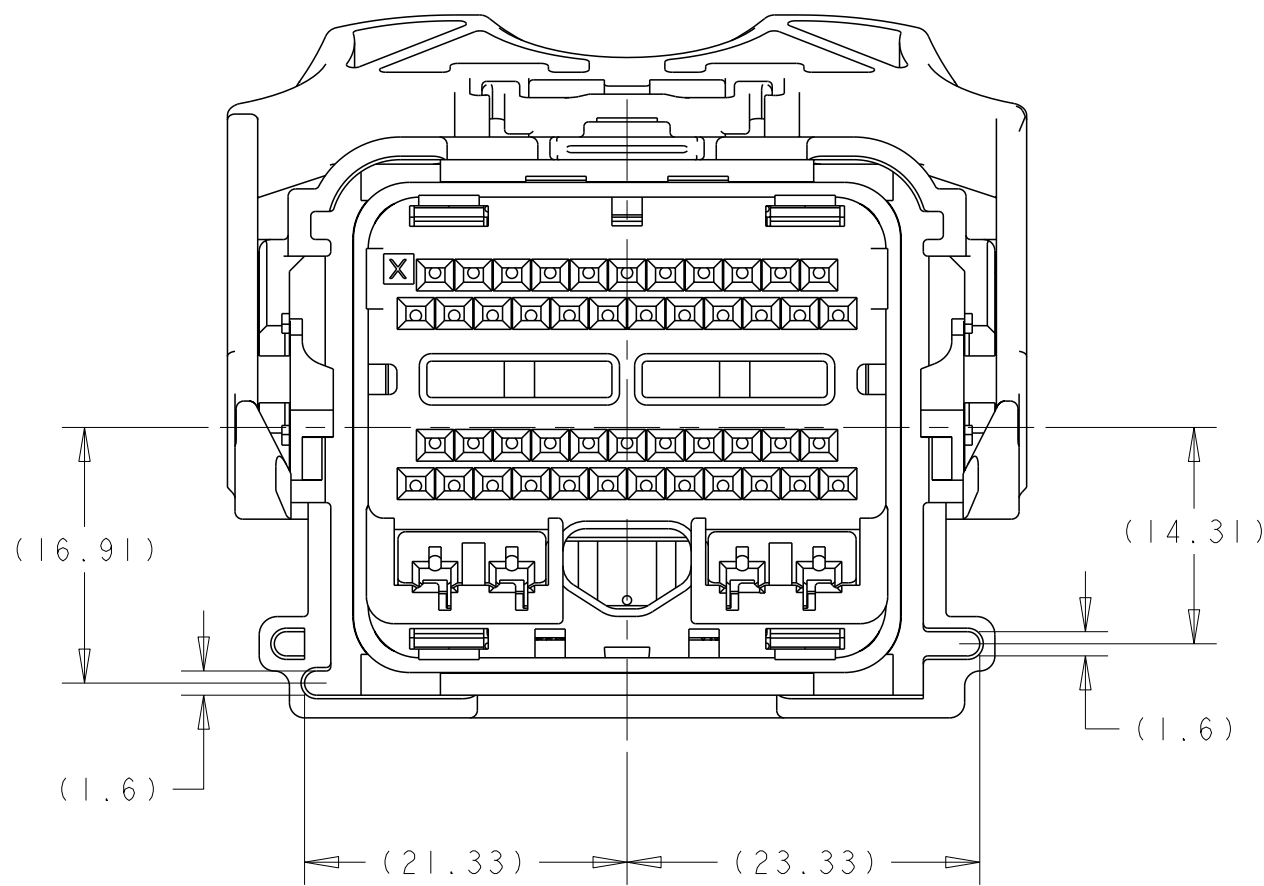
1438129-1
KEYING OPTION "A"



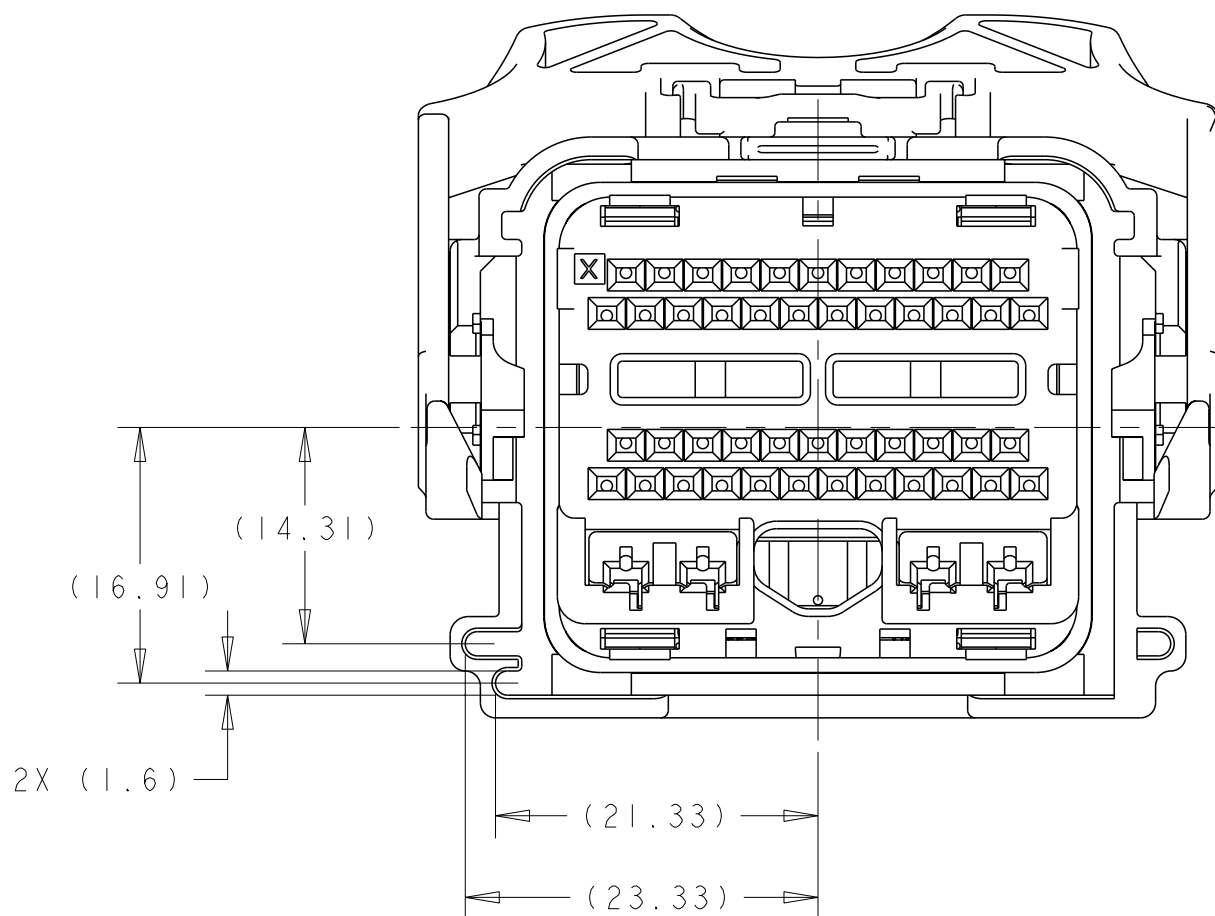
1438129-2
KEYING OPTION "B"



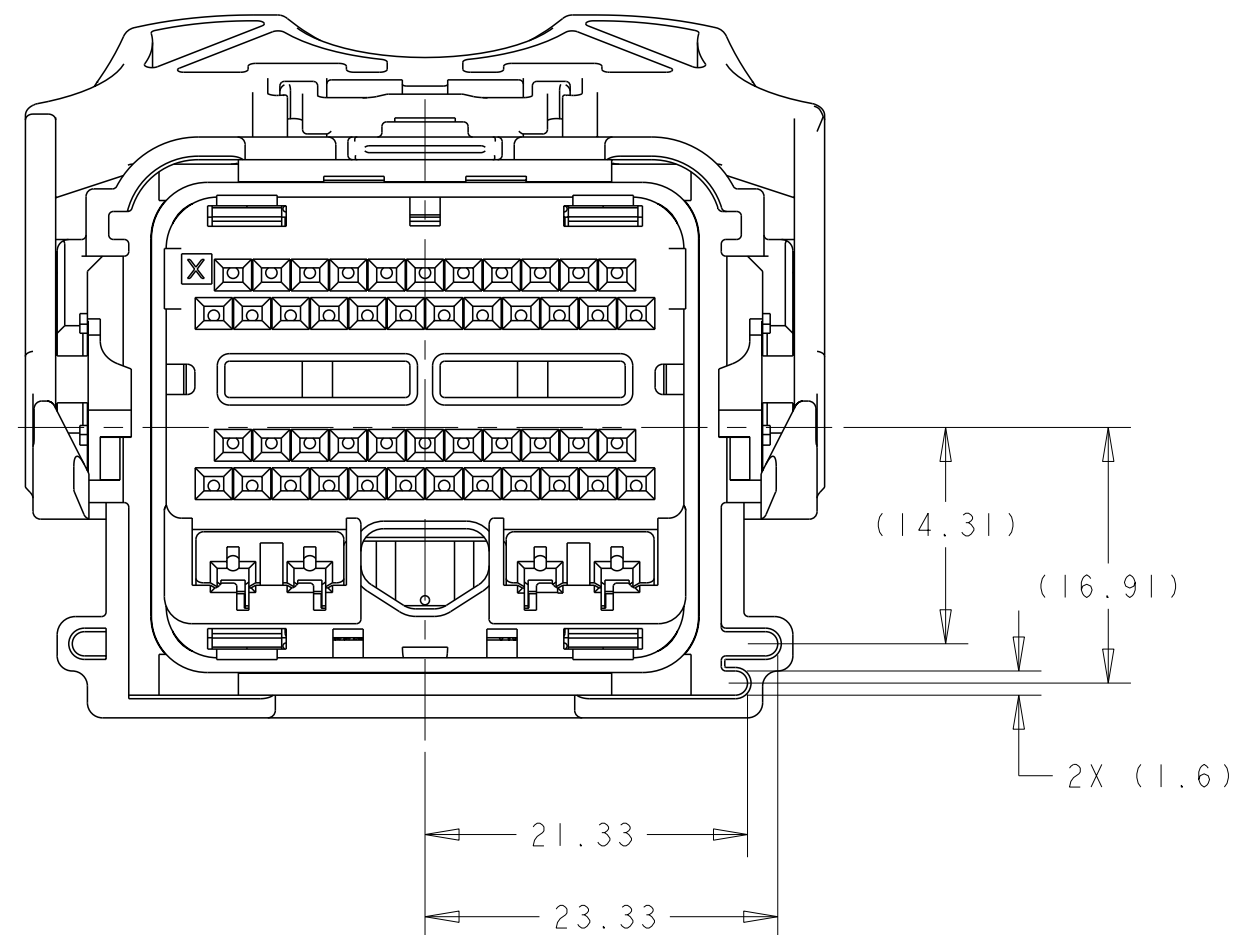
1438129-3
KEYING OPTION "C"



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		CUSTOMER DRAWING	

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

KEYING OPTION B				46		43	42										29	27	26	25	24	22										9	7				1	5-1438950-9	5S4T-14A464-MA-065												
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG 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 ±° FINISH		NAME 50-WAY HARNESS ASSEMBLY, PCM	
		PRODUCT SPEC APPLICATION SPEC		SIZE CASE CODE DRAWING NO RESTRICTED TO	
MATERIAL - - -		WEIGHT -		A 100779 C-1438129 -	
CUSTOMER DRAWING		SCALE		SHEET 4 OF 10 REF 3	

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

ASSEMBLY PART NUMBER

FORD PART NUMBER

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 CASE CODE DRAWING NO
A100779C=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

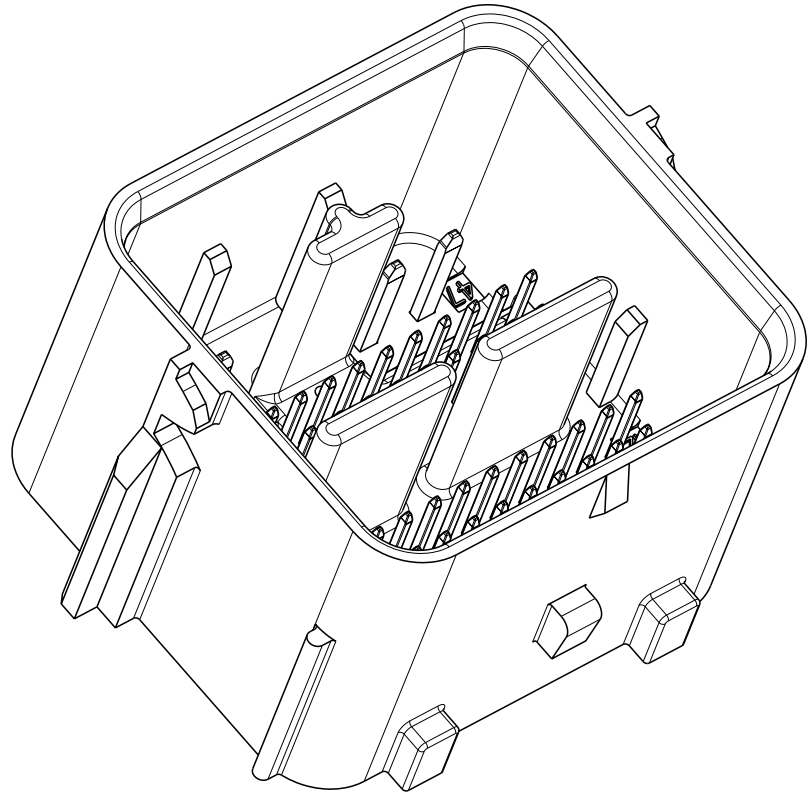
REV
F37

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

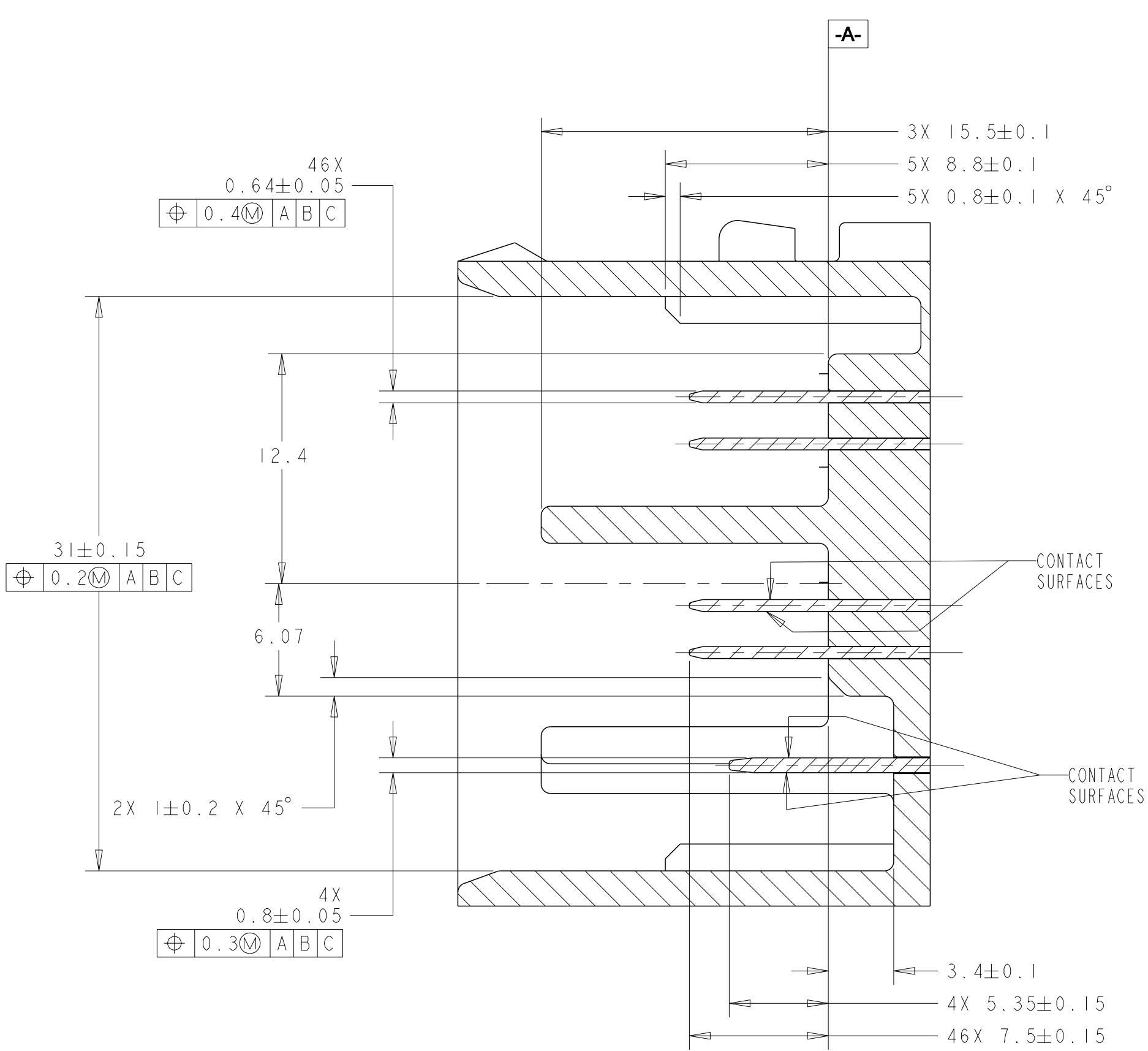
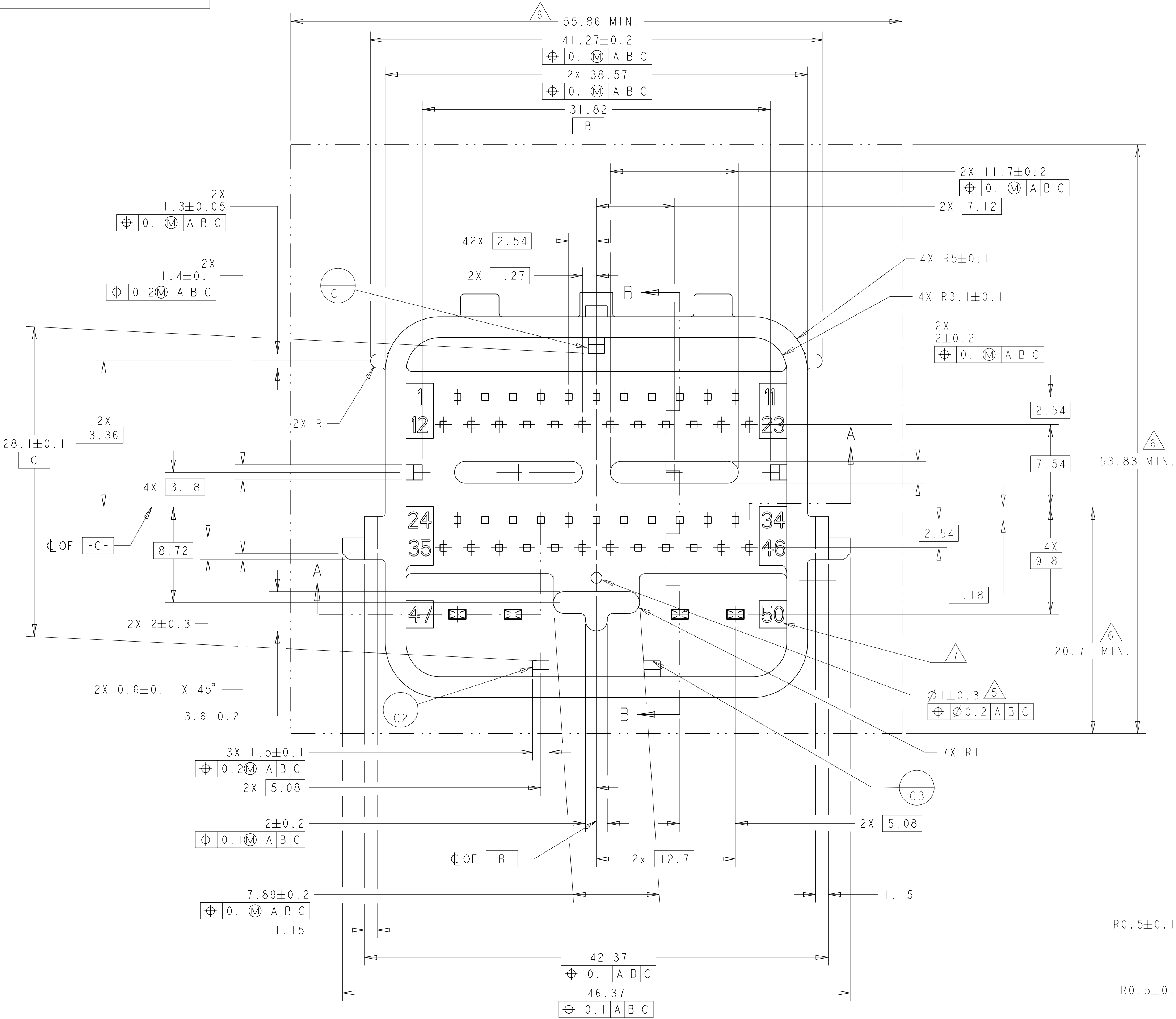
KEYING OPTION C

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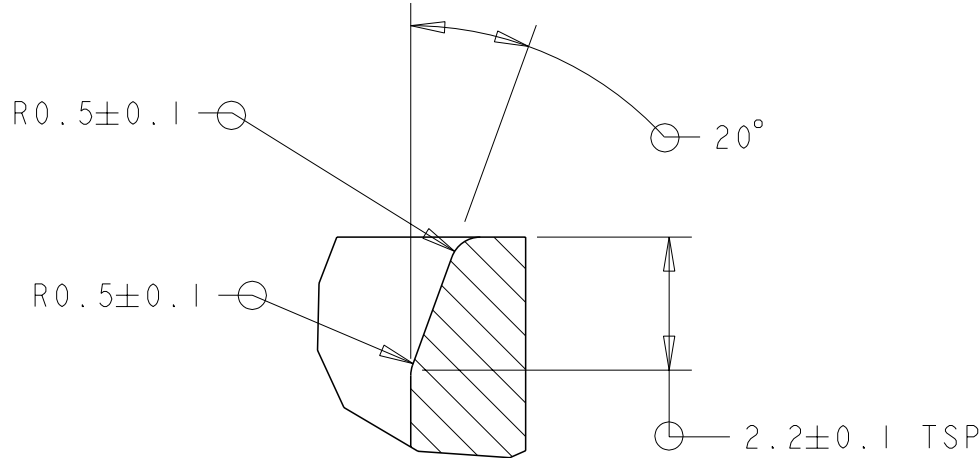
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN R. VESTAL 15APR2005 CHK T. VALASEK 15APR2005 APP'D T. VALASEK 15APR2005		 TE Connectivity			
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME		50-WAY HARNESS ASSEMBLY, PCM			
mm									
		Ø PLC ±. 2 PLC ±0.3 2 PLC ±0.10 3 PLC ±. Ø PLC ±. ANGLES ° ±.		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO			
MATERIAL		FINISH		APPLICATION SPEC					
-		-		WEIGHT -		RESTRICTED TO			
-		-		CUSTOMER DRAWING					



SCALE 2:1



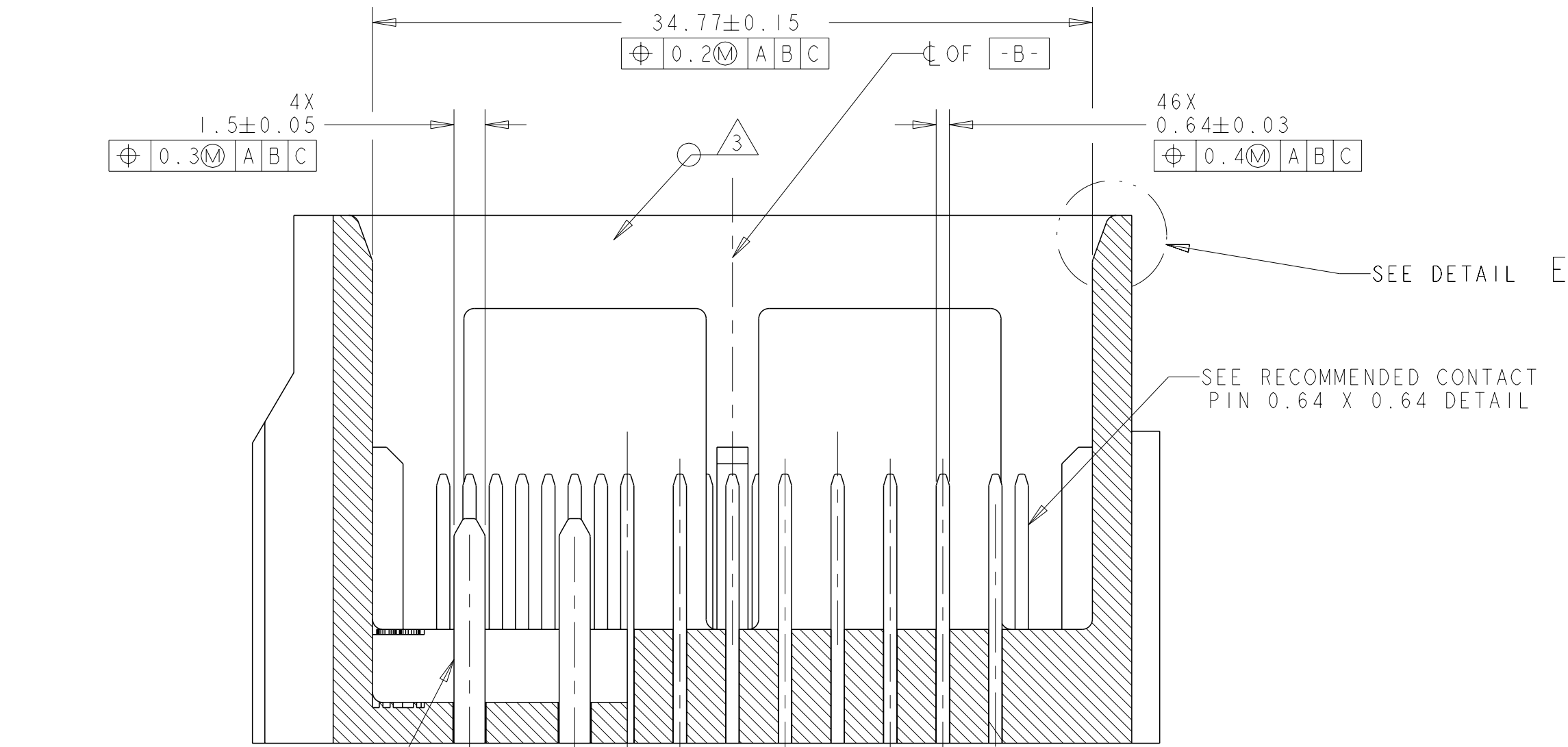
SECTION B-B



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-★



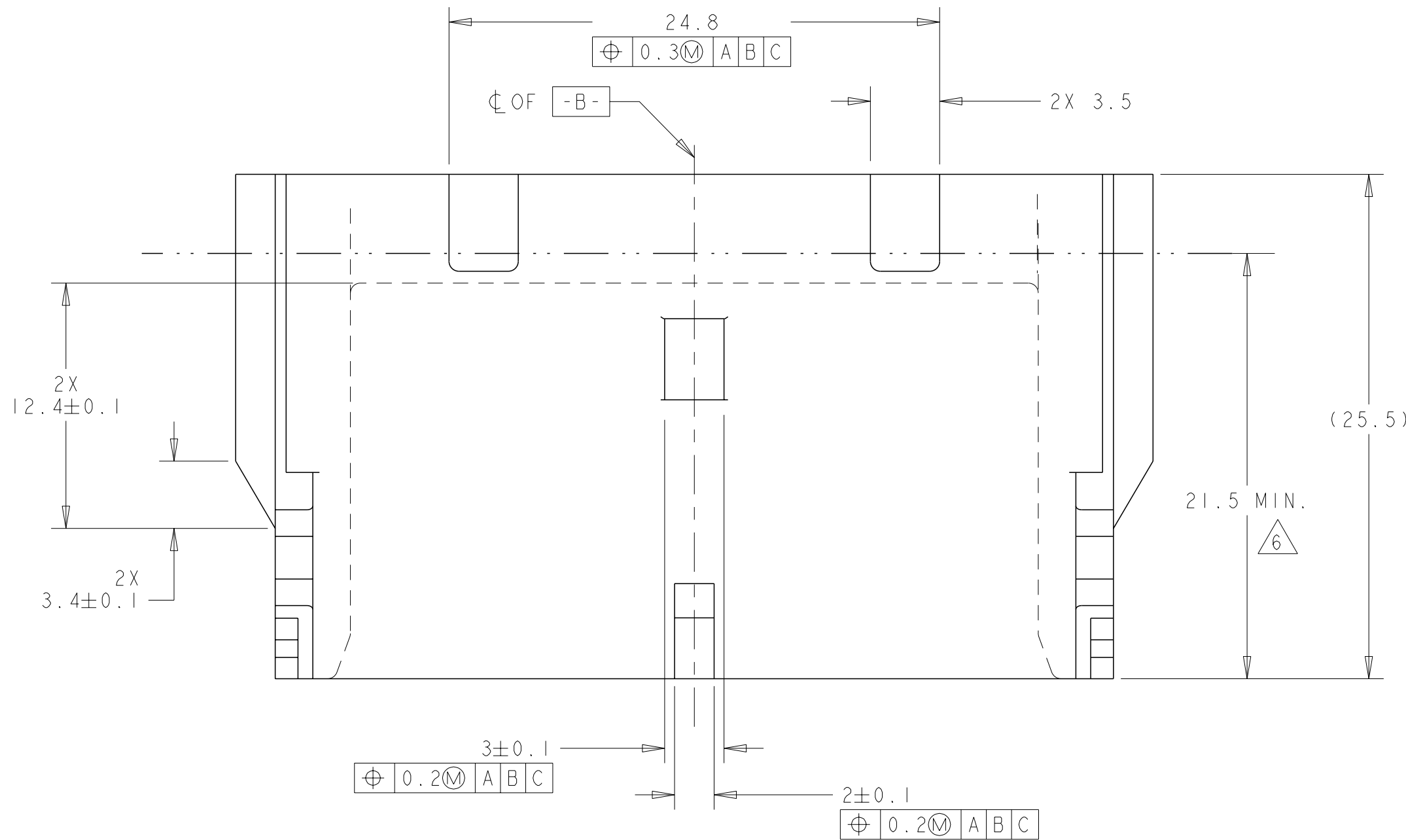
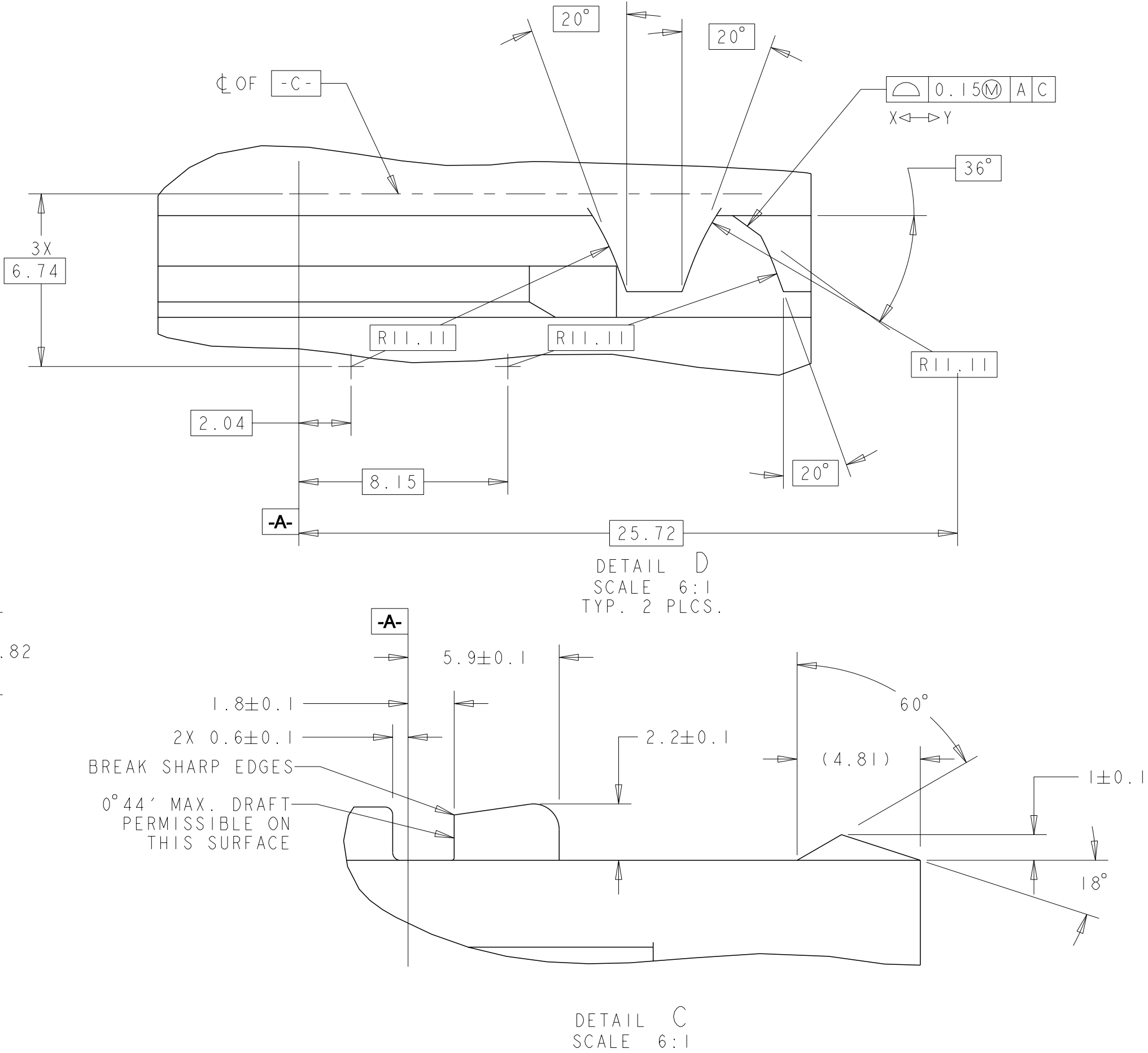
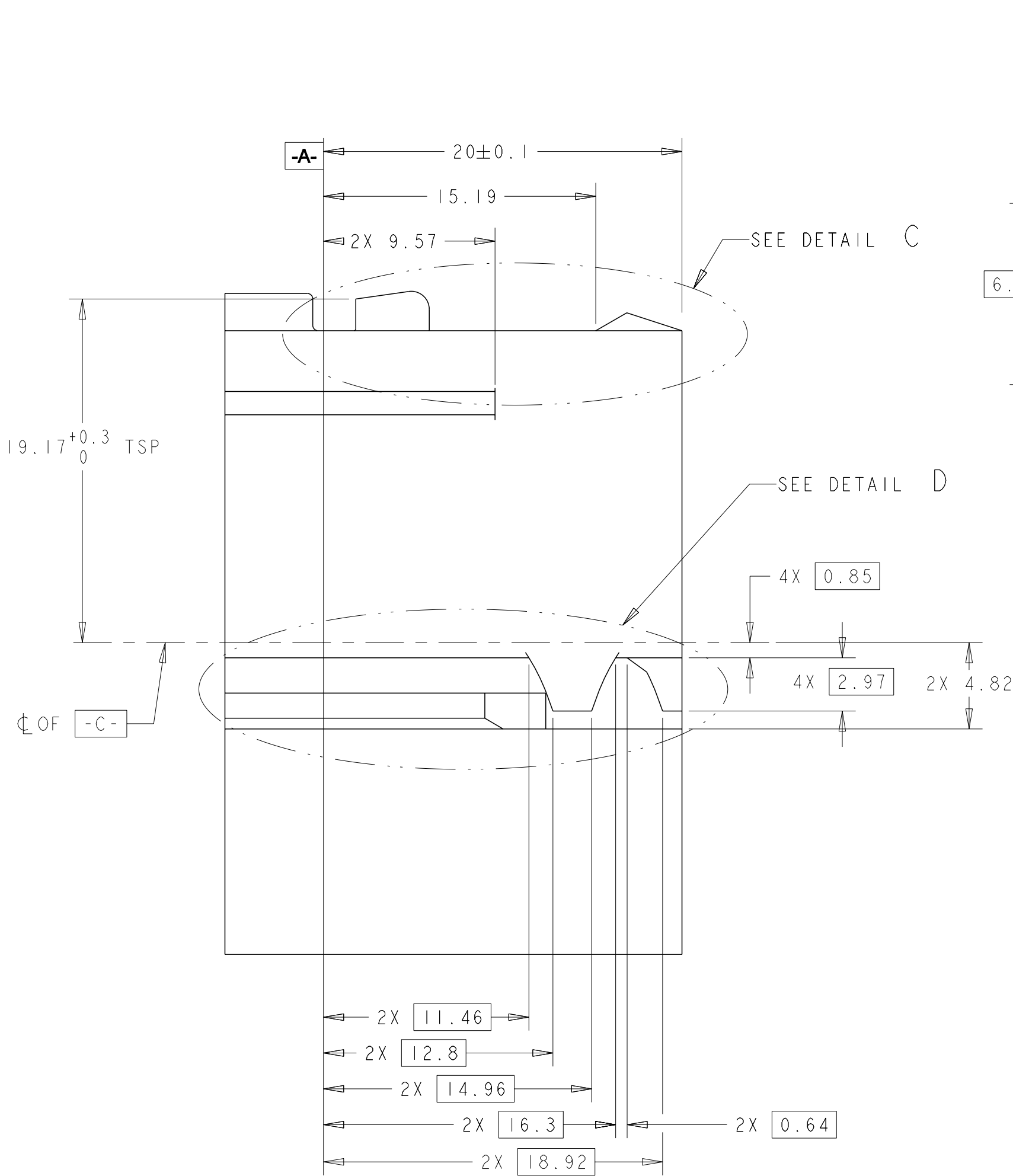
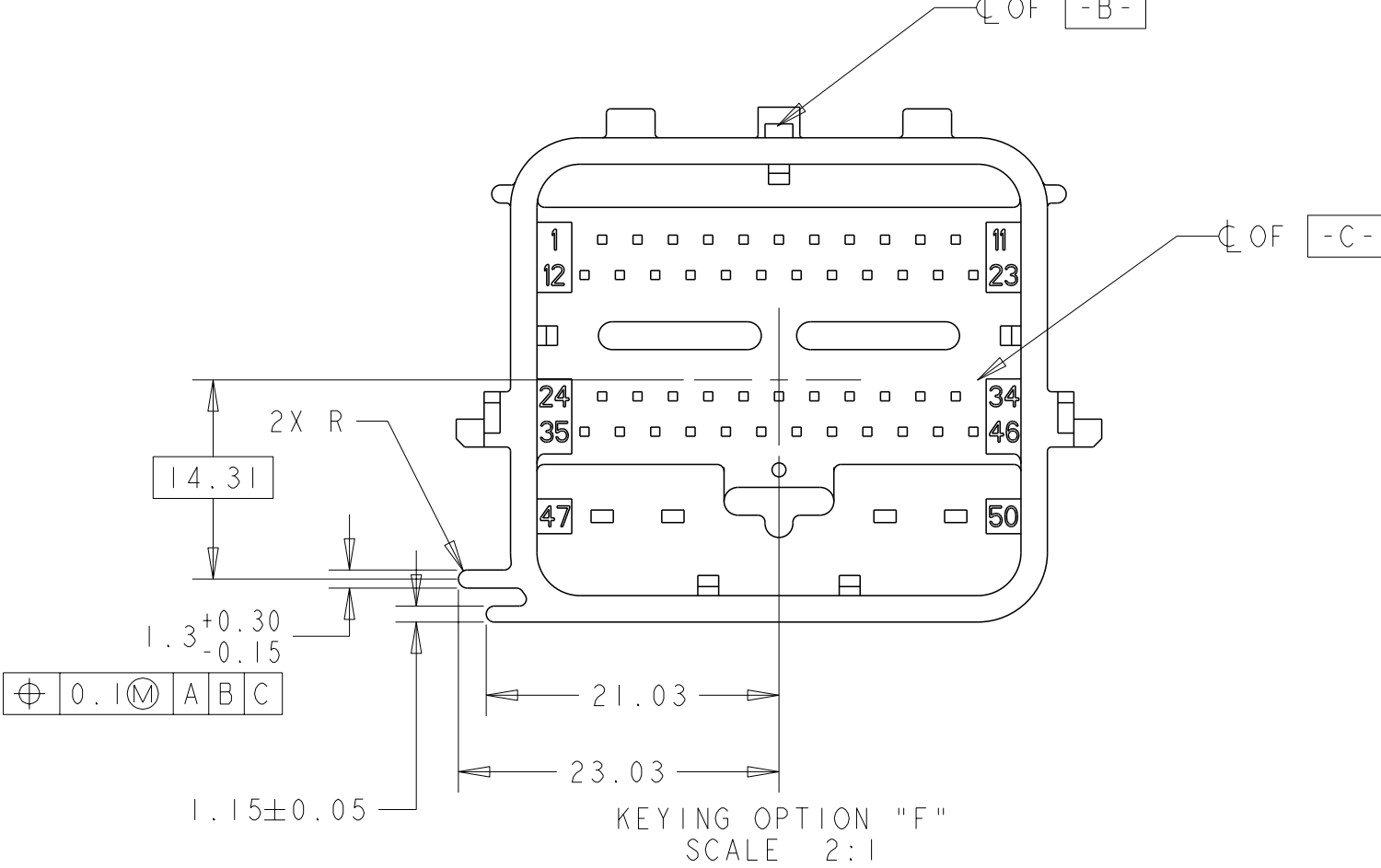
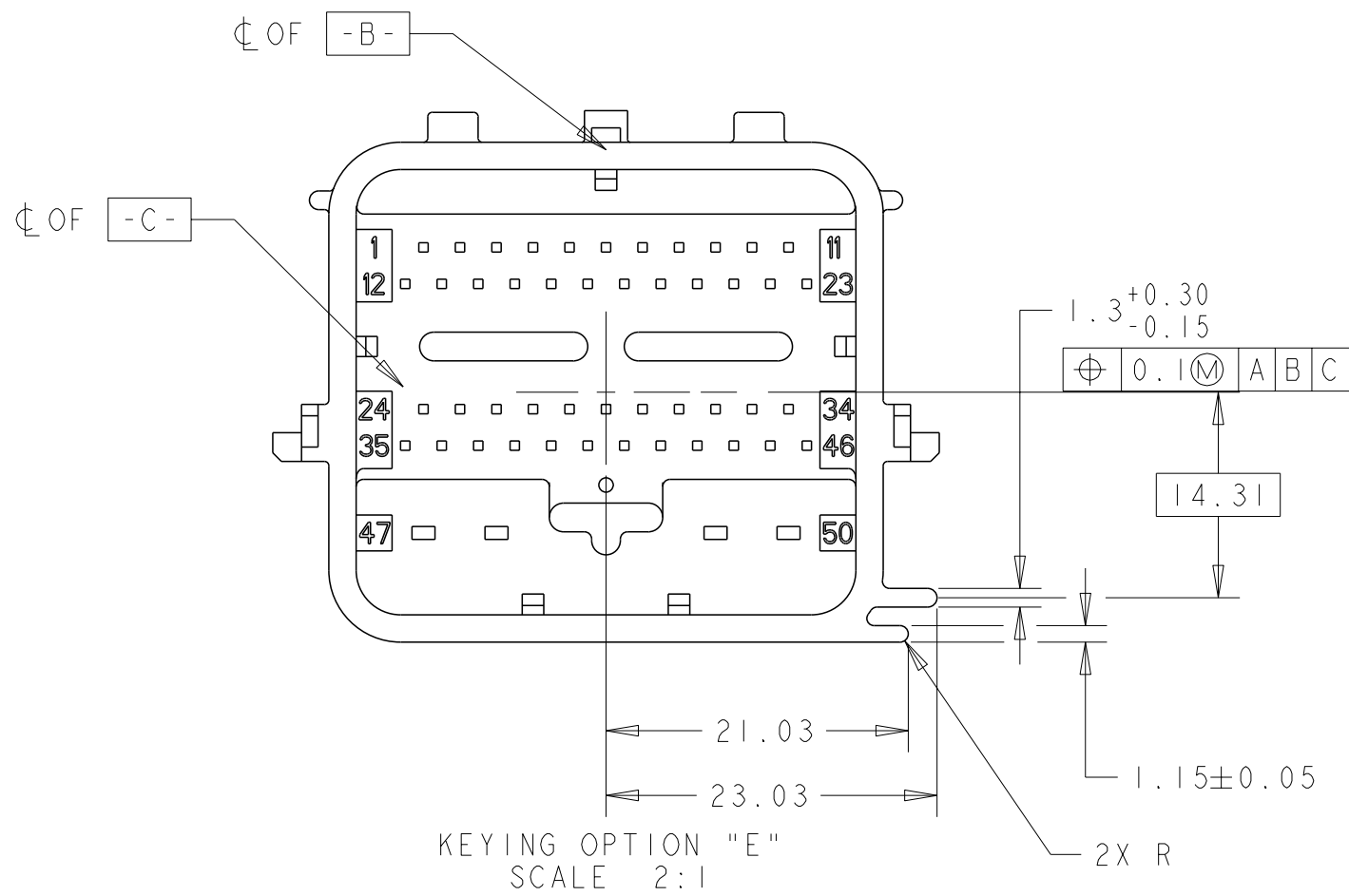
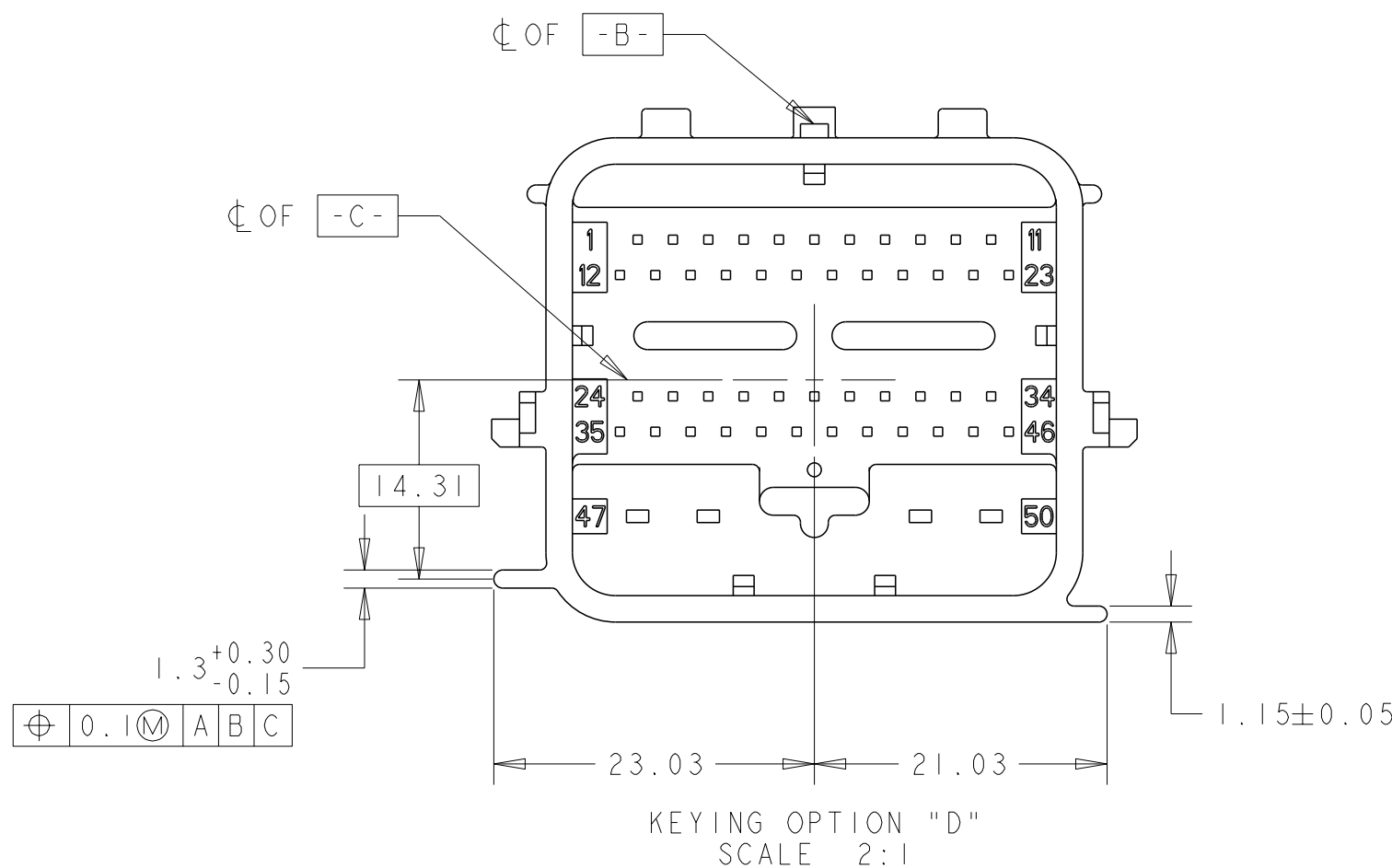
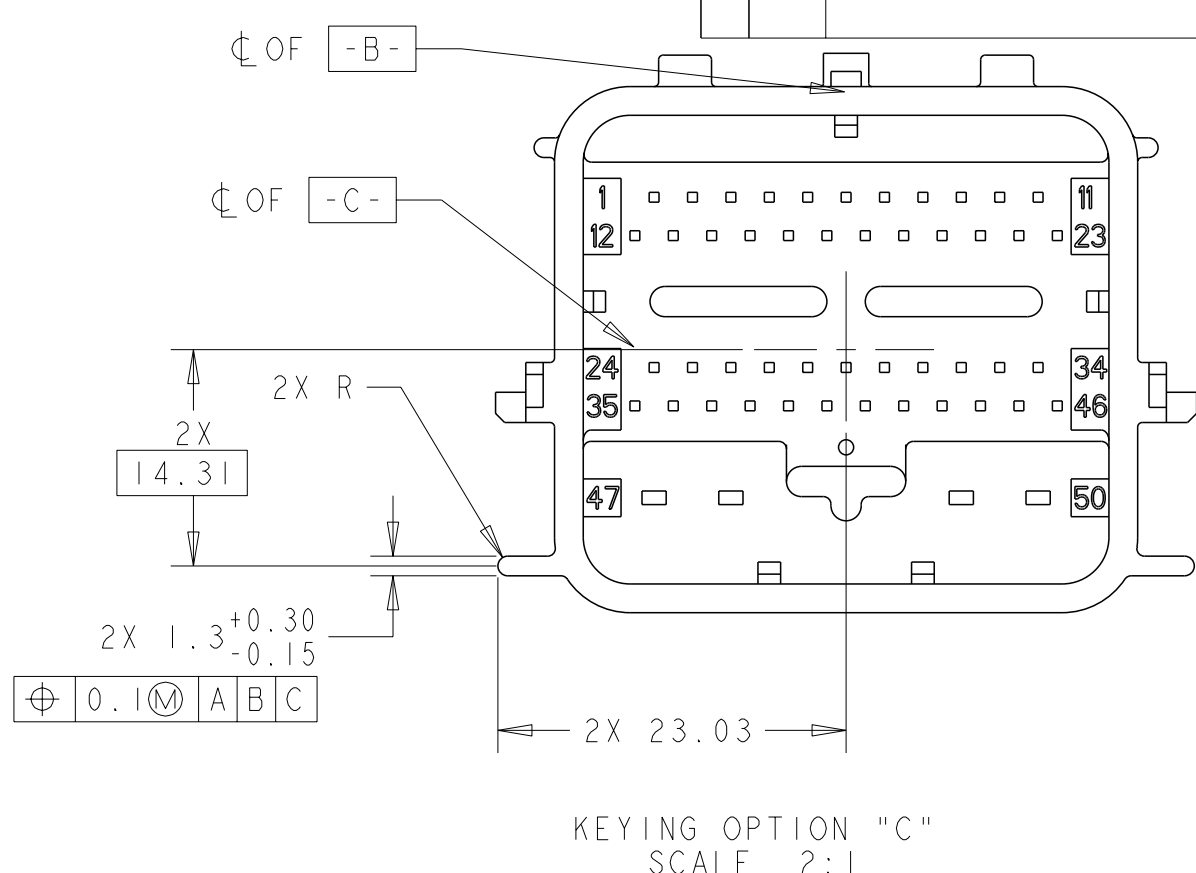
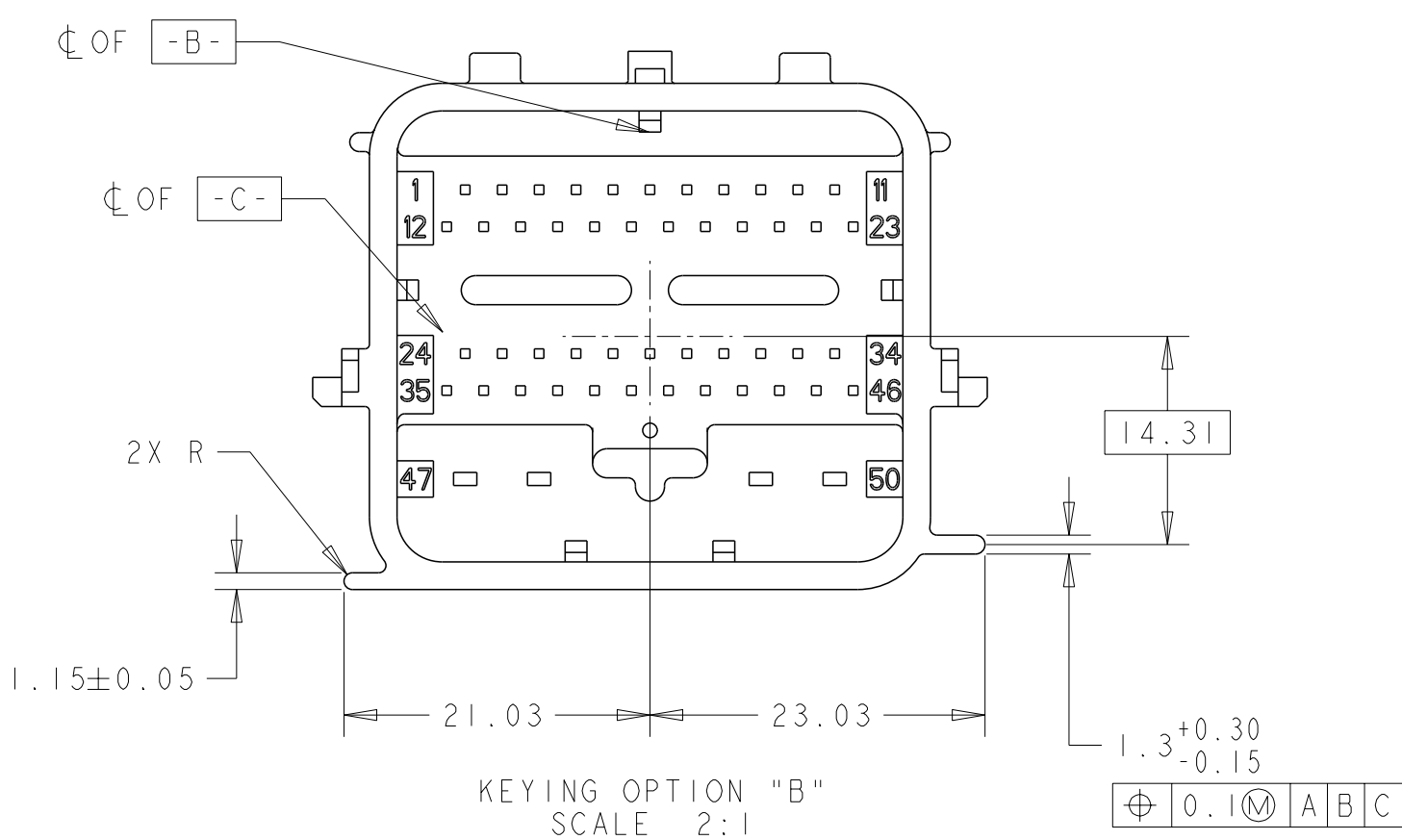
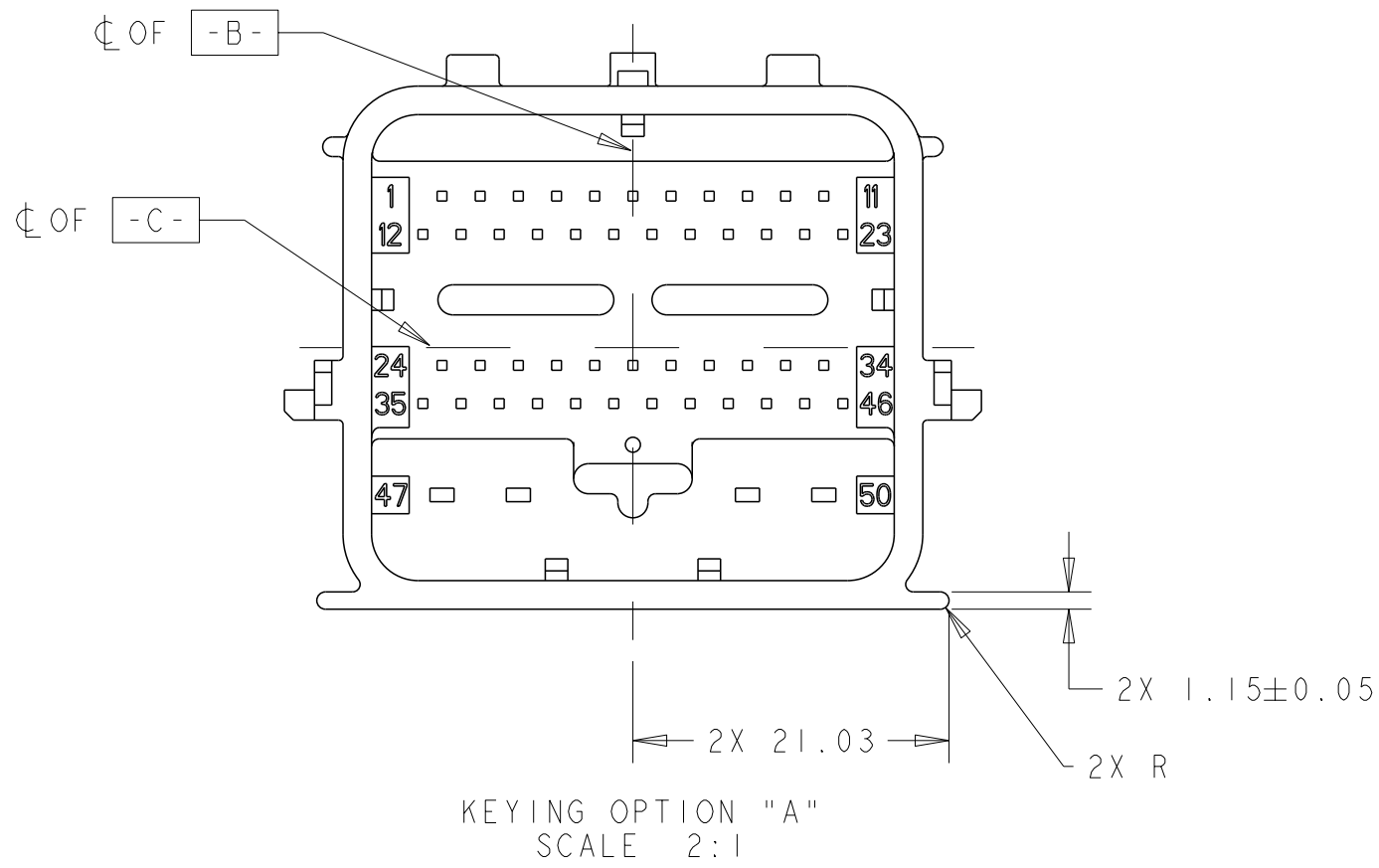
SECTION A-A

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
CHK 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		-			
3 PLC ±.3		4 PLC ±.3		-			
MATERIAL		FINISH		SIZE			
-		-		CAGE CODE		DRAWING NO	
-		-		A100779		C=1438129	
CUSTOMER DRAWING		WEIGHT		SCALE		SHEET 9 OF 10	
-		-		1:1		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			
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD T. VALASEK 15APR2005	NAME 50-WAY HARNESS ASSEMBLY, PCM		
	0 PLC	±	PRODUCT SPEC		
	1 PLC	±0.3	APPLICATION SPEC		
	2 PLC	±0.10	SIZE CAGE CODE DRAWING NO		
	3 PLC	±	RESTRICTED TO		
MATERIAL		FINISH	WEIGHT	A100779C=1438129	
				SCALE 1:1 SHEET 10 OF 10 REV F37	