

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

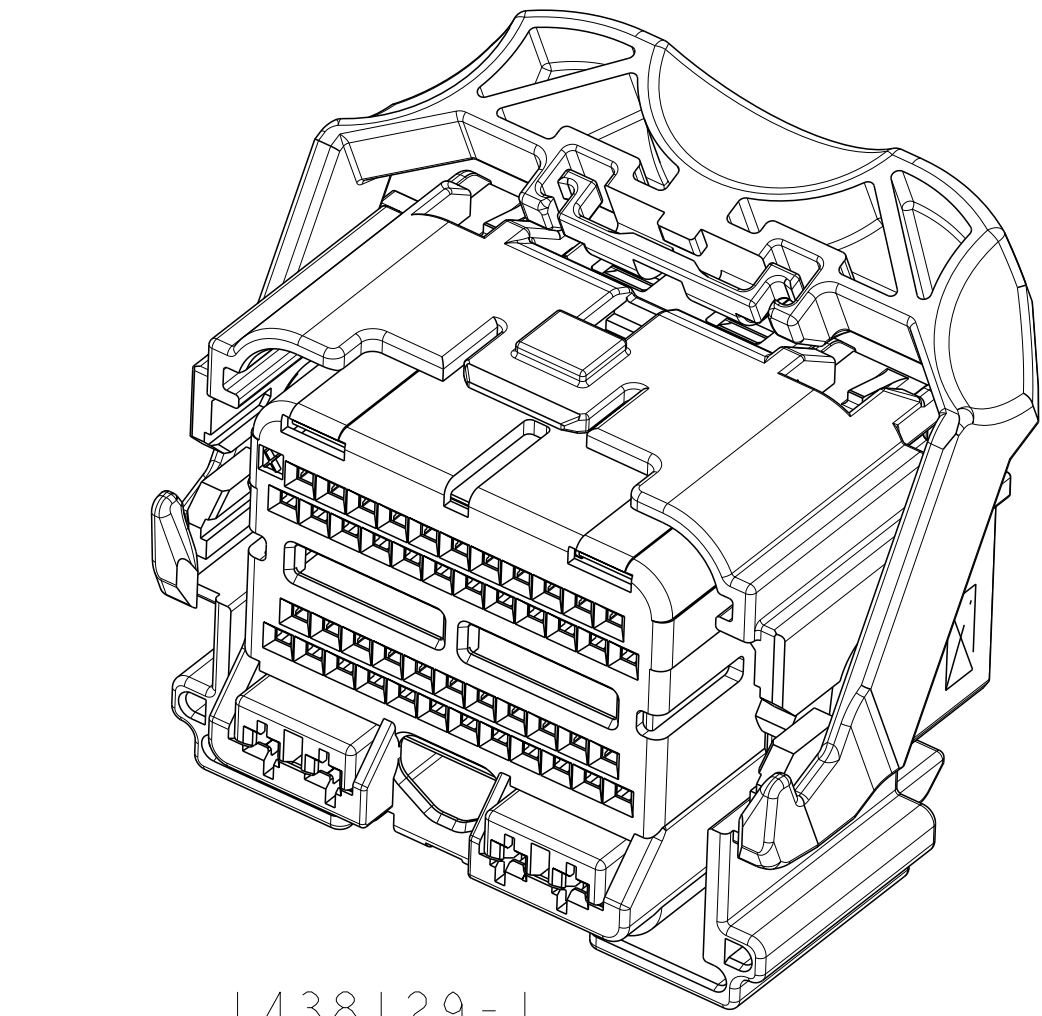
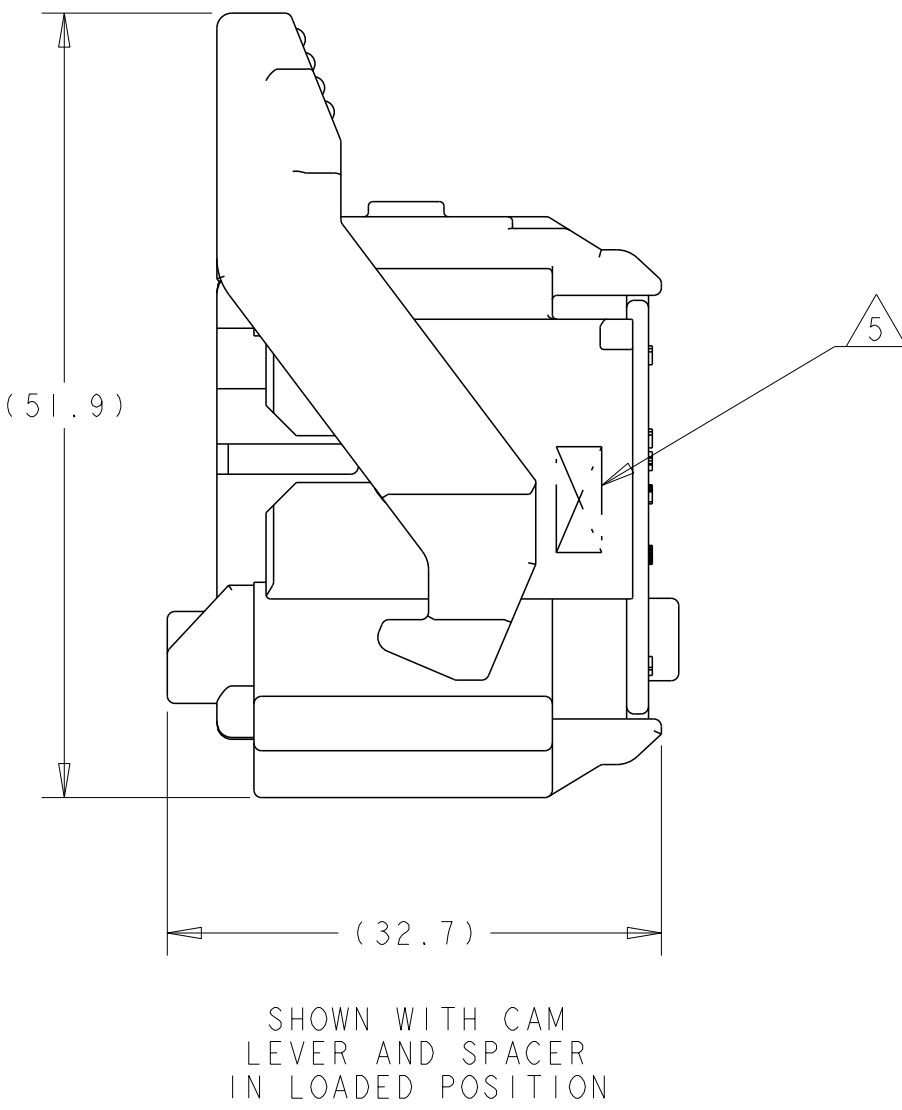
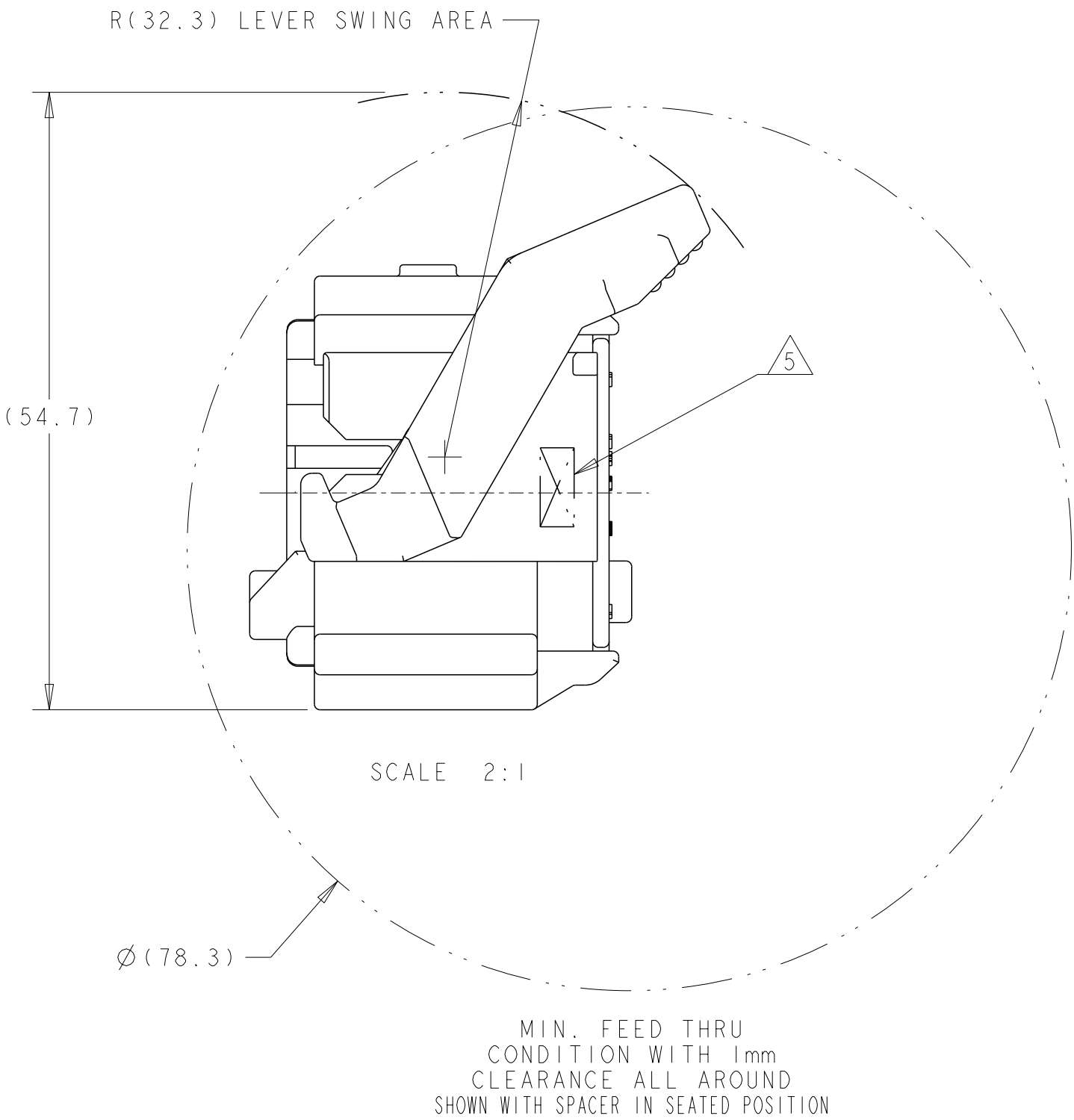
PRINT PART NUMBER (5S4T-14A464-L*-***, 5S4T-14A464-M*-***, 5S4T-14A464-N*-***) AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE IN THE LOCATION AT ASSEMBLY. SEE SHEET 3 THRU 7 (-*) PART NUMBERS.
2.

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

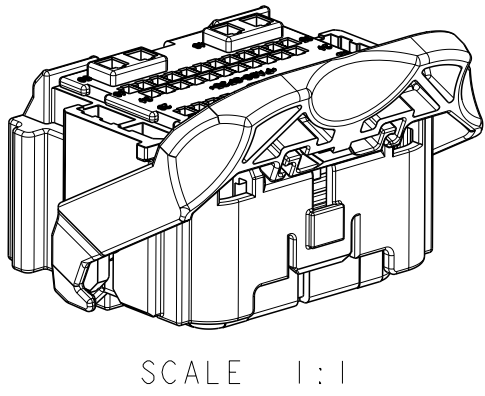
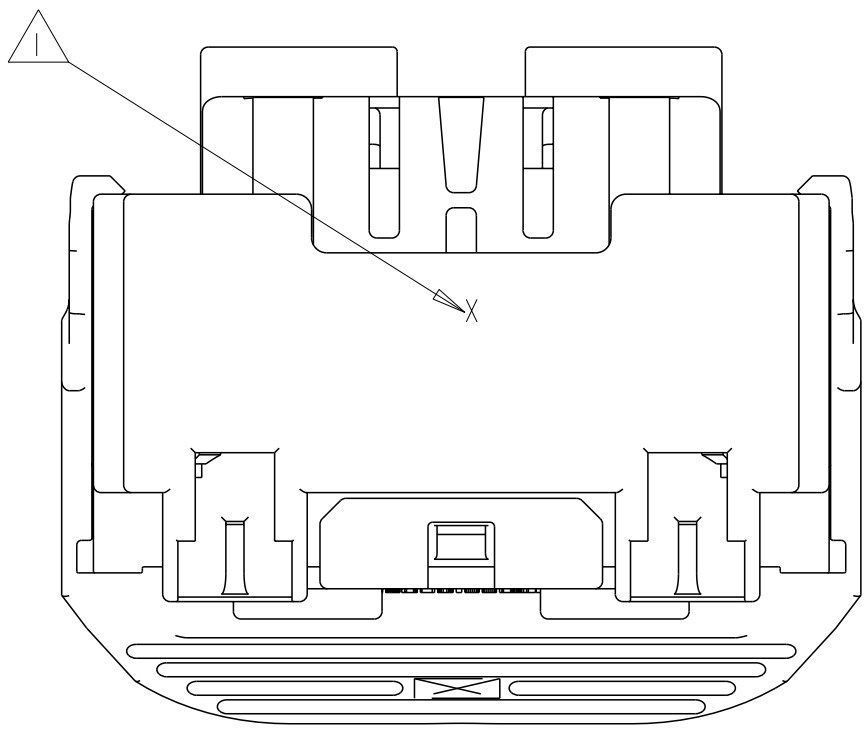
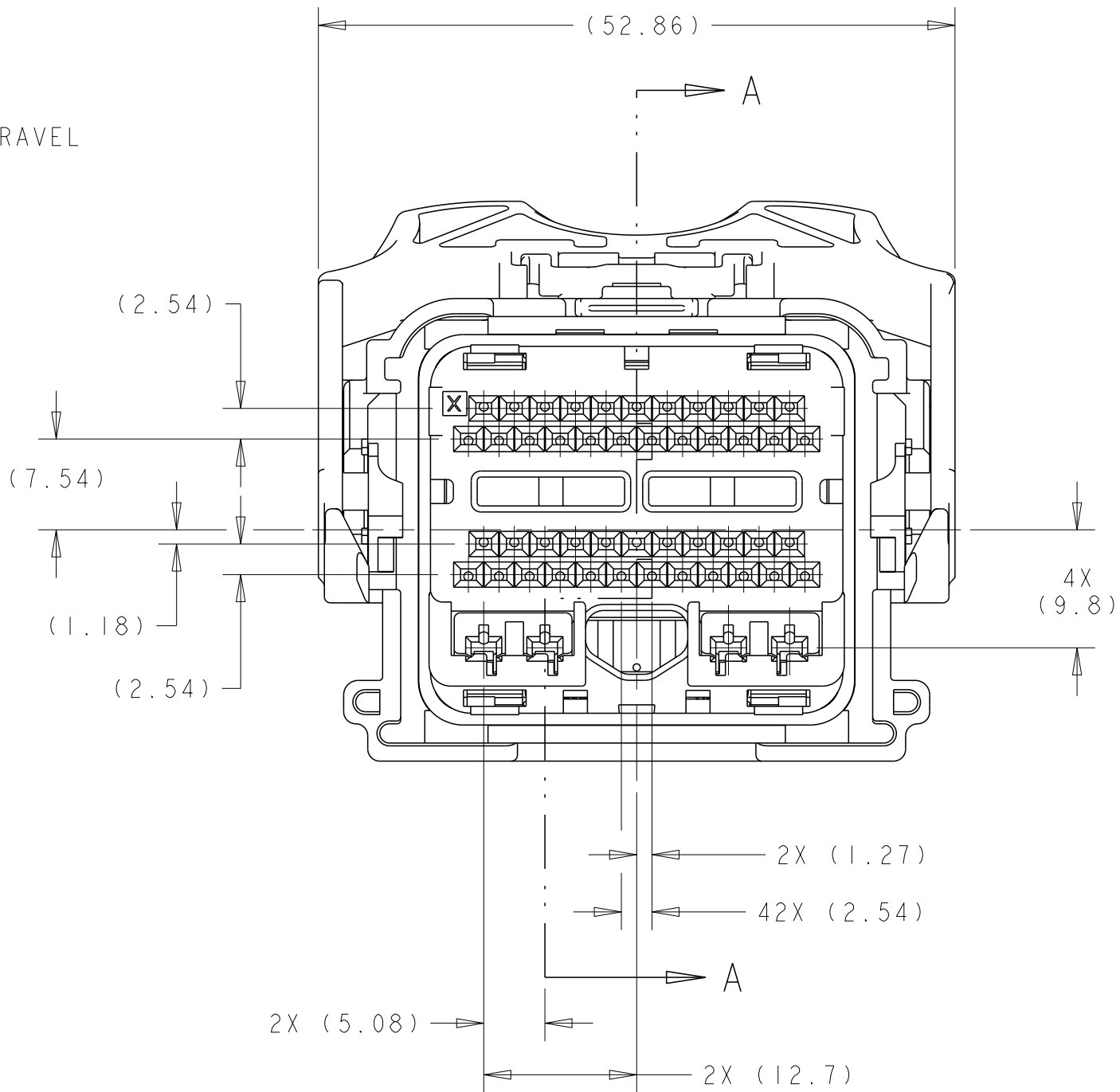
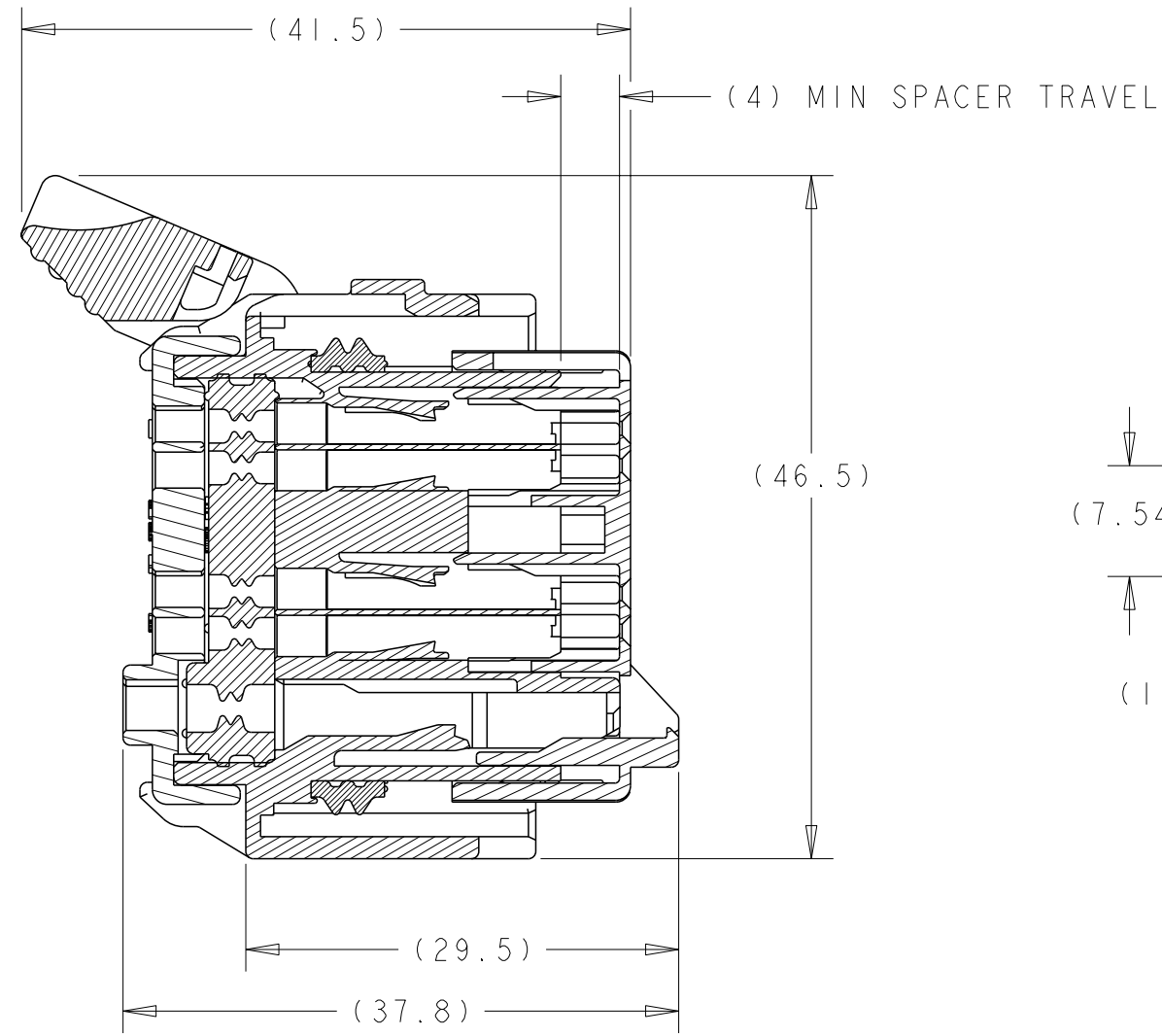
CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
4.

REFERENCE TE CONNECTIVITY INSTRUCTION SHEET 408-8893.
- 5

COMPANY LOGO.



1438129-1
SHOWN WITH SPACER
IN SEATED POSITION



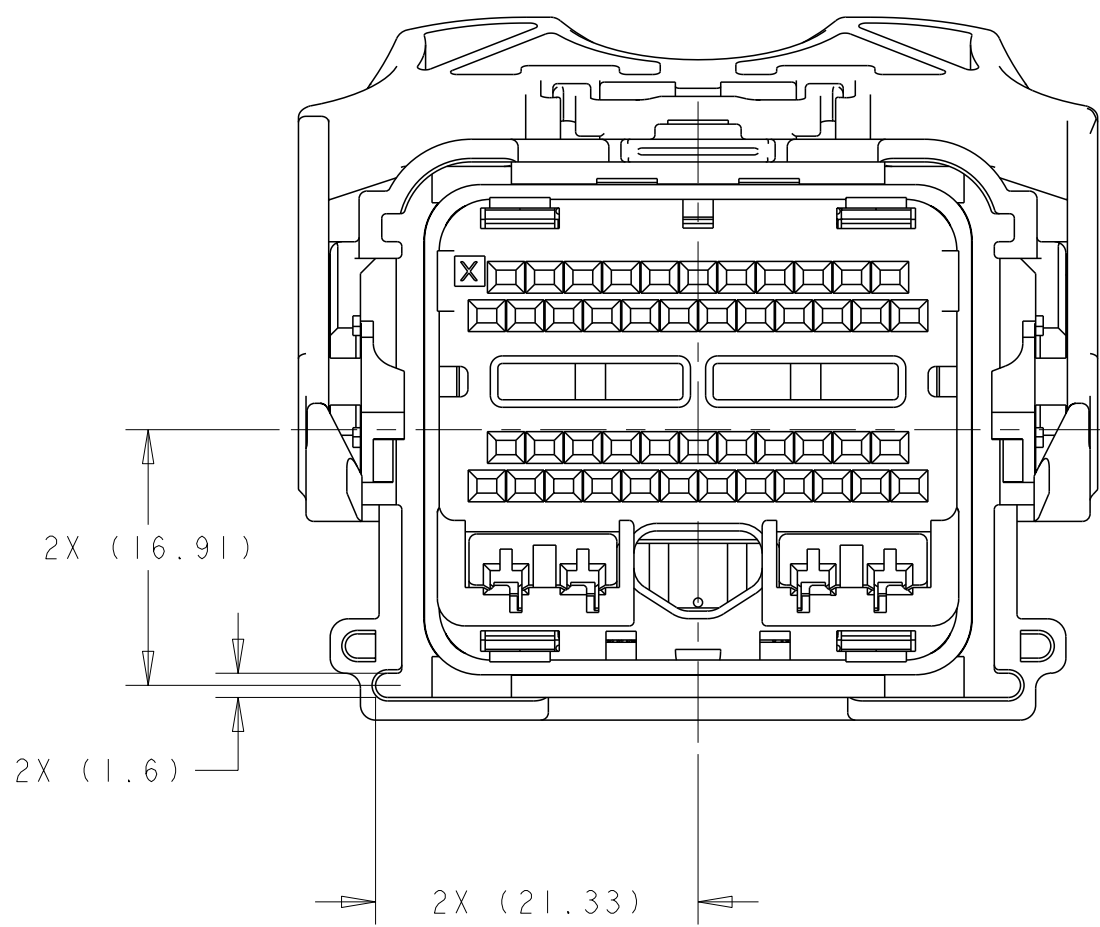
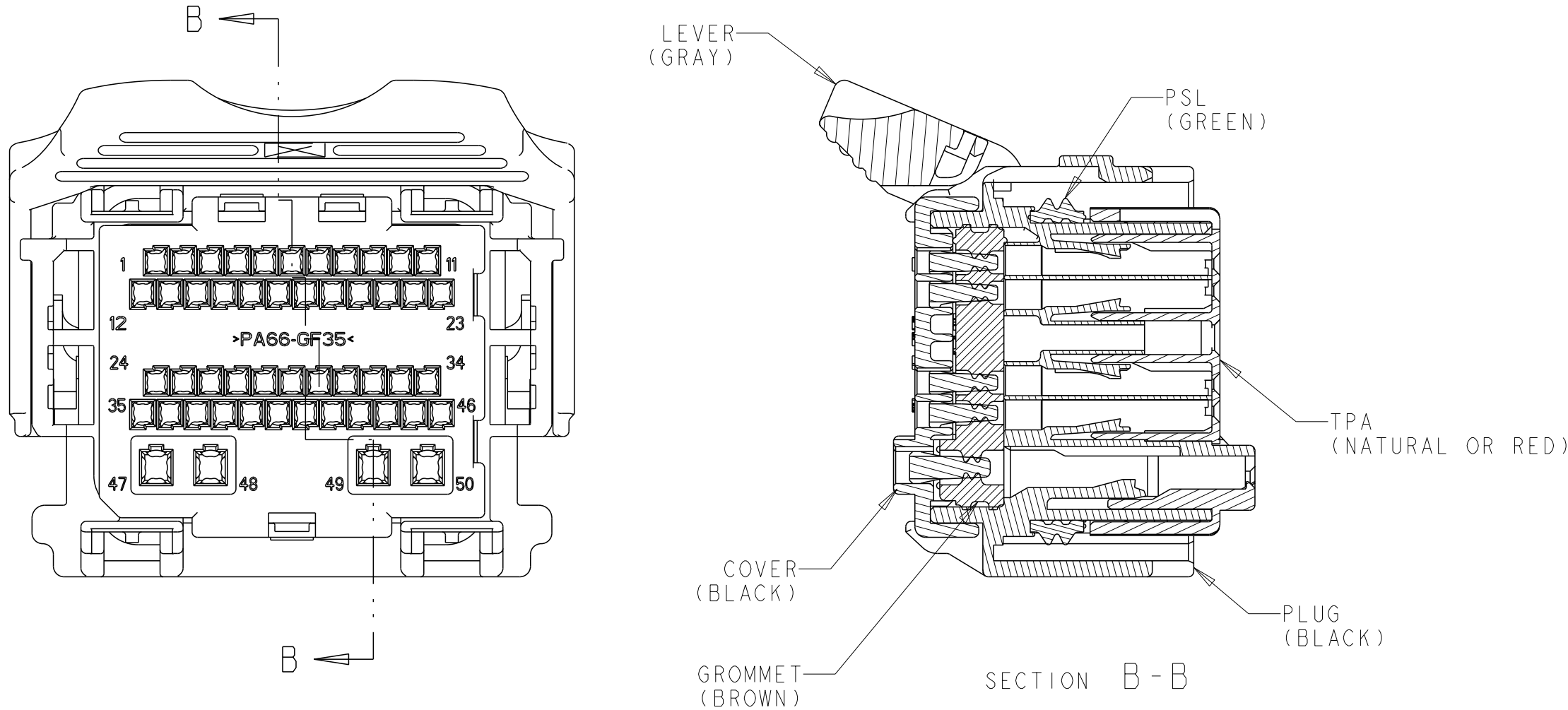
SCALE 1:1

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	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

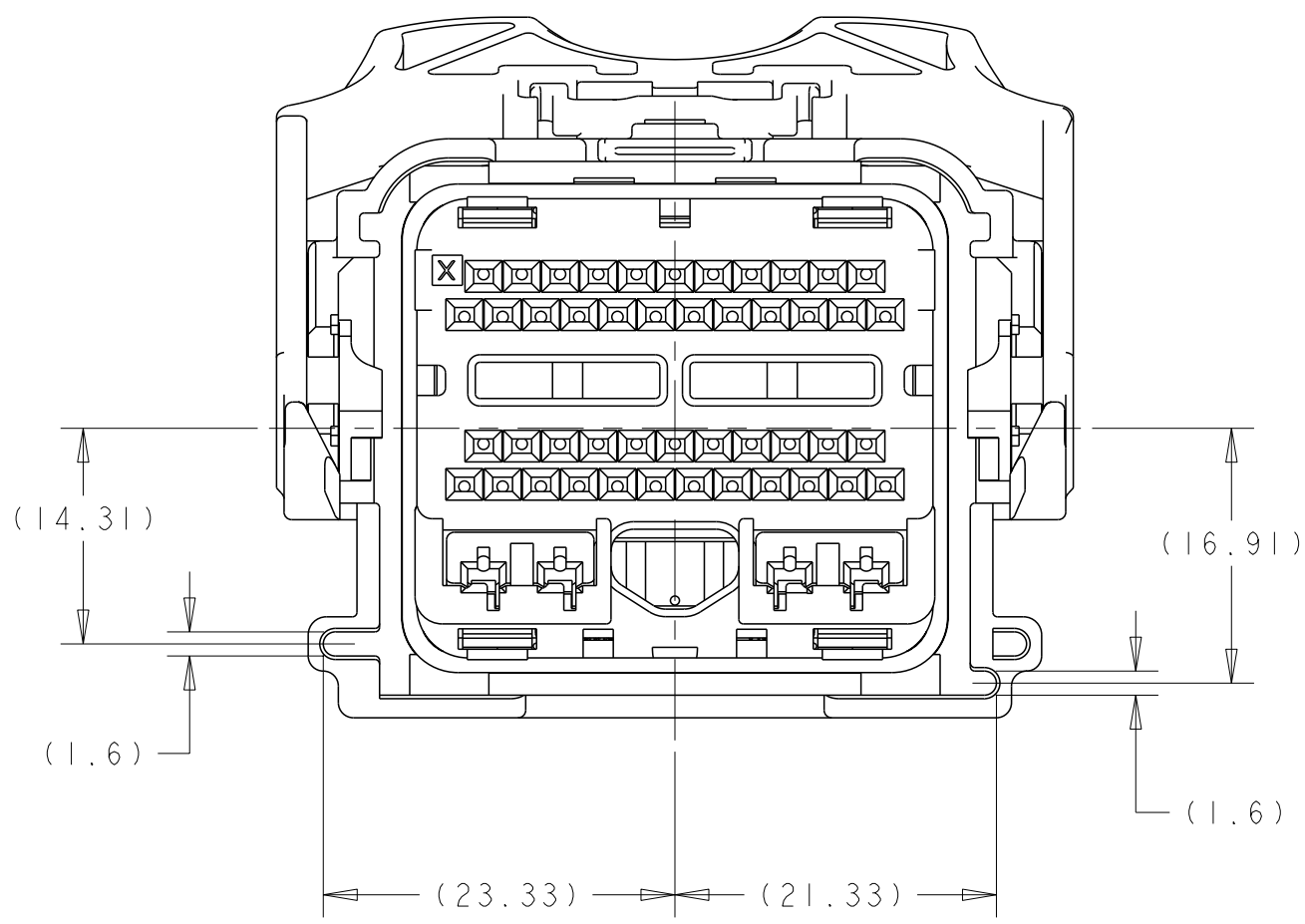
ANY DESIGN CHANGES ON THIS ASSEMBLY MAY
ALSO BE REQUIRED ON ASSEMBLY DRAWING 1438691

THIS DRAWING IS A CONTROLLED DOCUMENT.			SEE TABLES SHEETS 3 THRU 7 PART NUMBER		
DWN R. VESTAL 15APR2005 CHK T. VALASEK 15APR2005 APVD T. VALASEK 15APR2005			TE Connectivity		
DIMENSIONS: mm 0 PLC ±.3 1 PLC ±0.10 2 PLC ±.10 3 PLC ±.10 4 PLC ±.10 ANGLES ±1°			NAME 50-WAY HARNESS ASSEMBLY, PCM		
MATERIAL -			SIZE A100779C=1438129		
CUSTOMER DRAWING			RESTRICTED TO -		
SCALE 1:1			SHEET 1 OF 10		

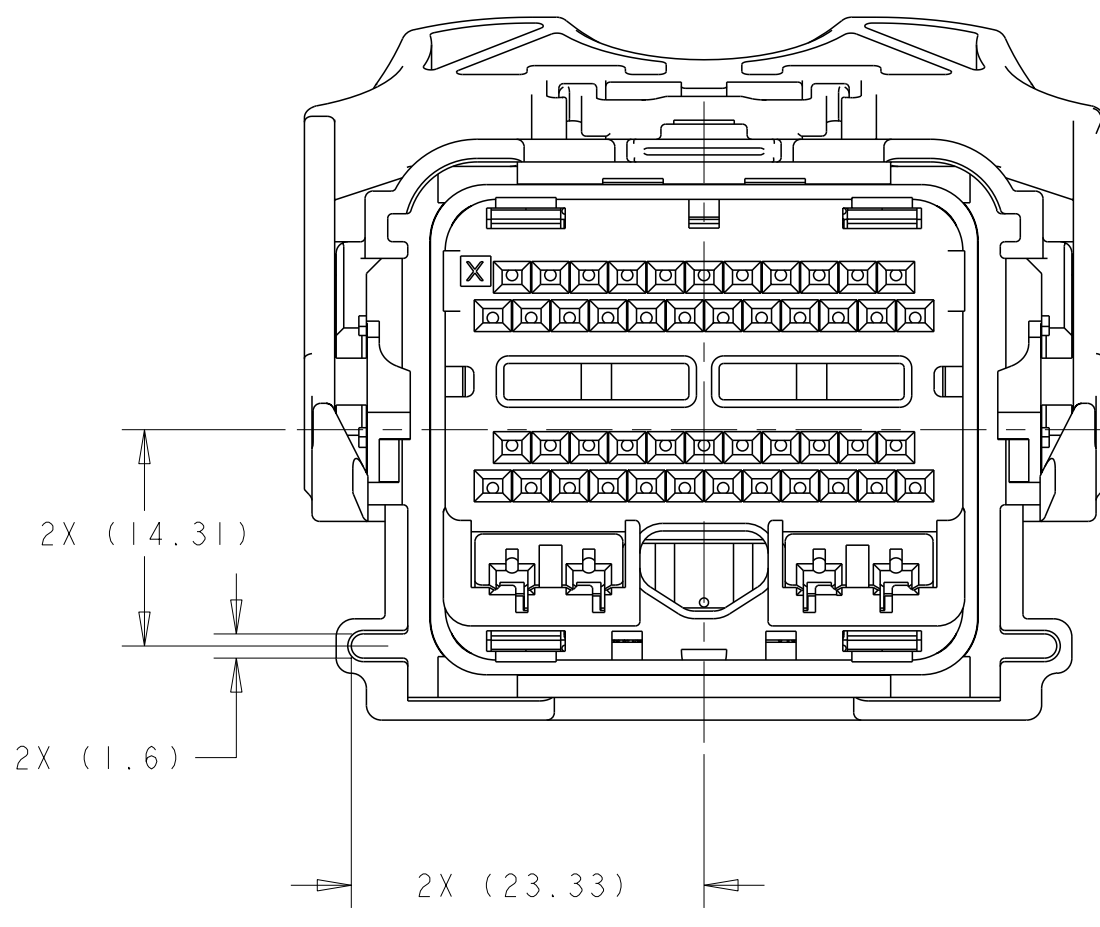
REVISIONS					
P	LYR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



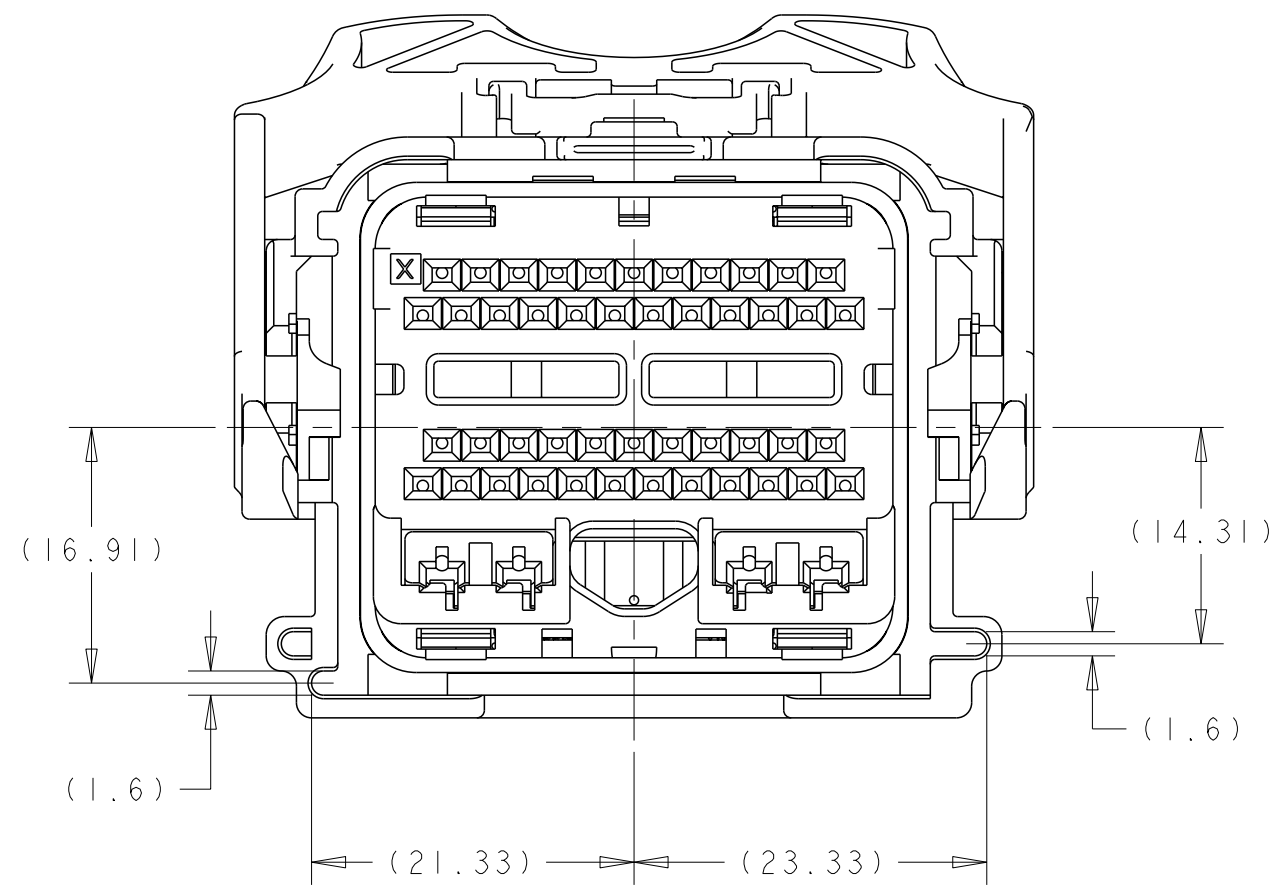
1438129-1
KEYING OPTION "A"



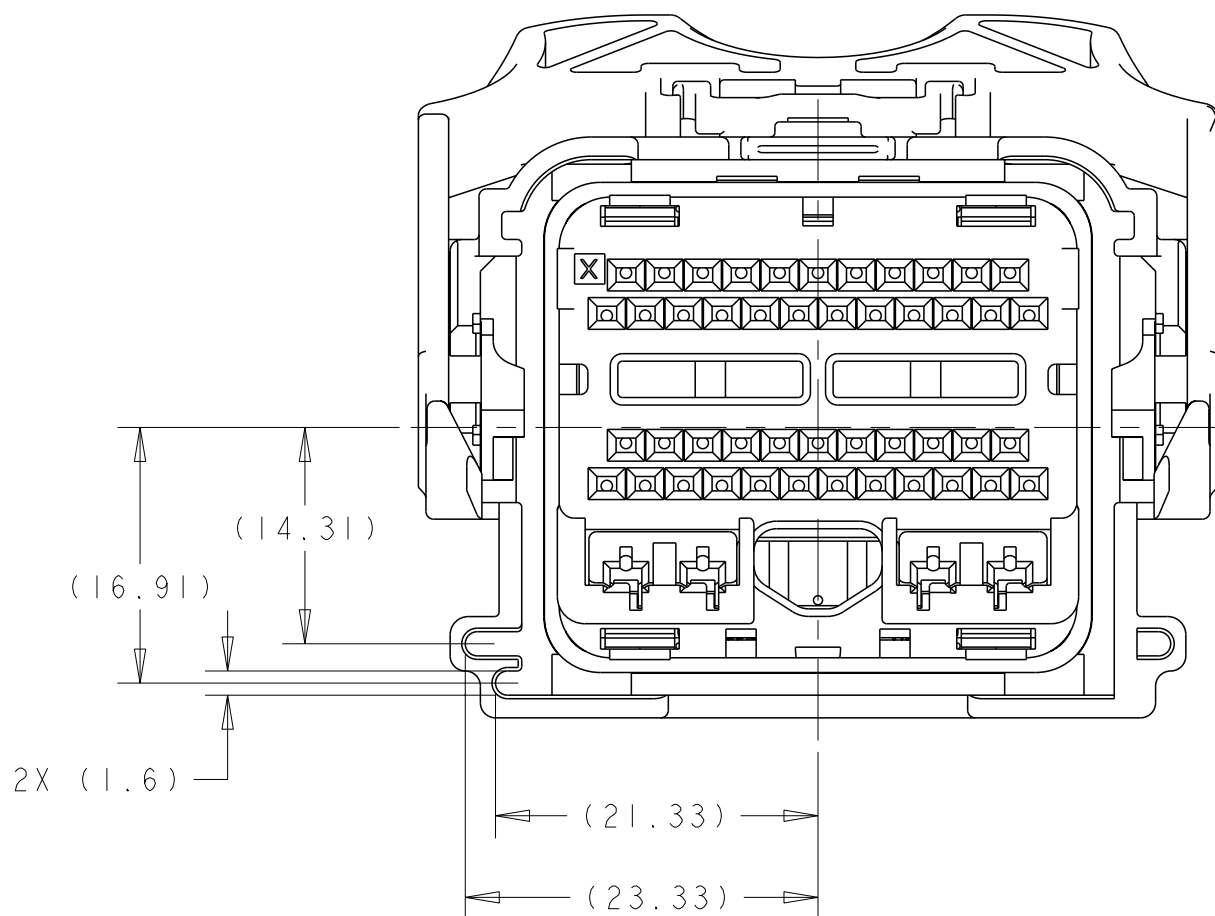
1438129-2
KEYING OPTION "B"



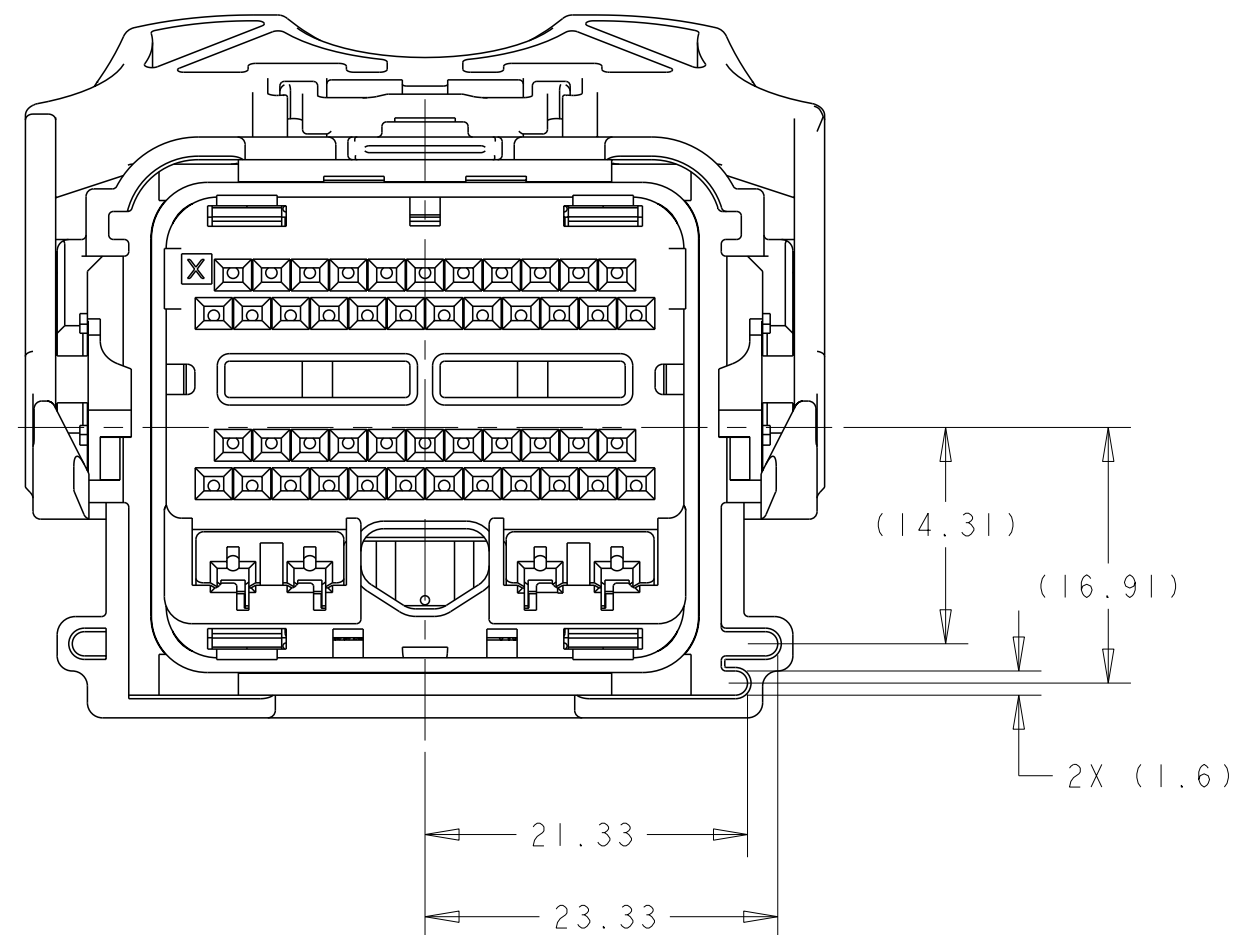
1438129-3
KEYING OPTION "C"



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	
DIMENSIONS:		CHK T. VALASEK	15APR2005		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD T. VALASEK	15APR2005	NAME	50-WAY HARNESS ASSEMBLY, PCM
	0 PLC ±	PRODUCT SPEC		SIZE	CAGE CODE DRAWING NO
	1 PLC ±0.3	APPLICATION SPEC		RESTRICTED TO	
	2 PLC ±0.10				
	3 PLC ±				
	4 PLC ±				
	ANGLES ±°				
MATERIAL	FINISH	WEIGHT		A100779C=1438129	
-	-	CUSTOMER DRAWING		SCALE 2:1	SHEET 2 OF 10
-	-				REV 37

D

C

B

A

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

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

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

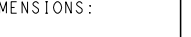
RESTRICTED TO
-

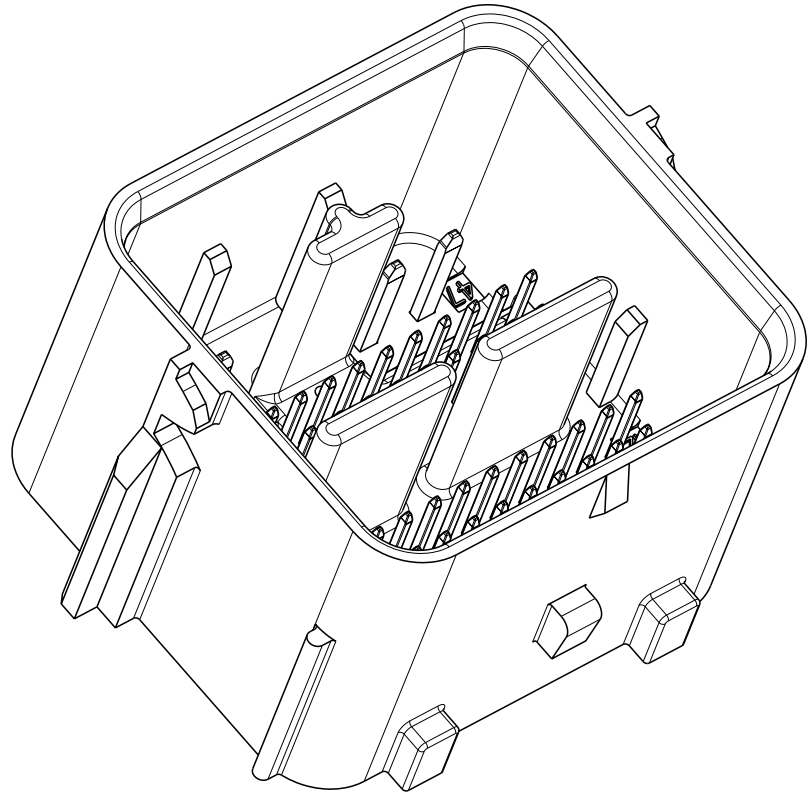
SCALE 1:1 SHEET 7 OF 10 REV F37

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

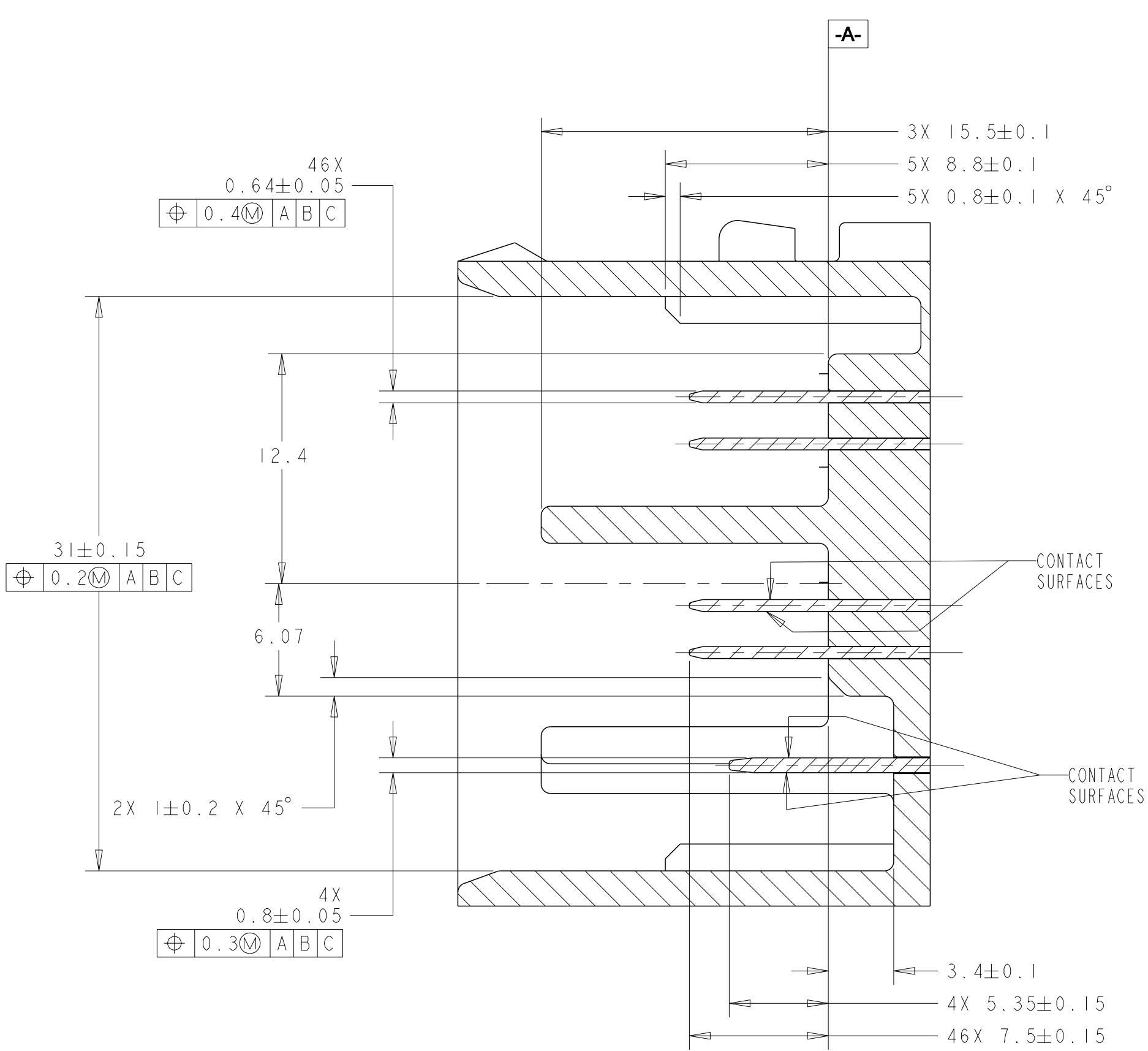
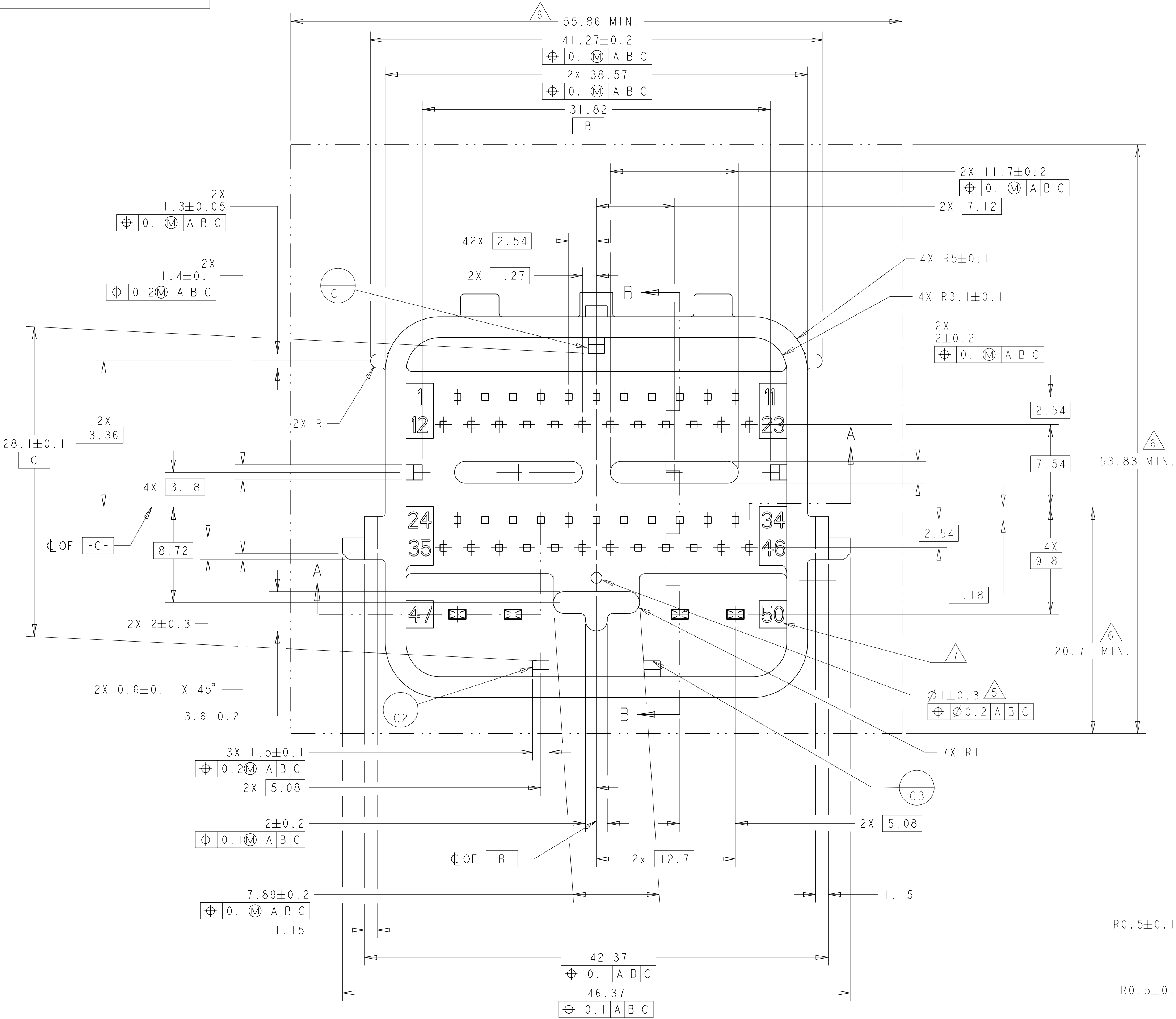
KEYING OPTION C

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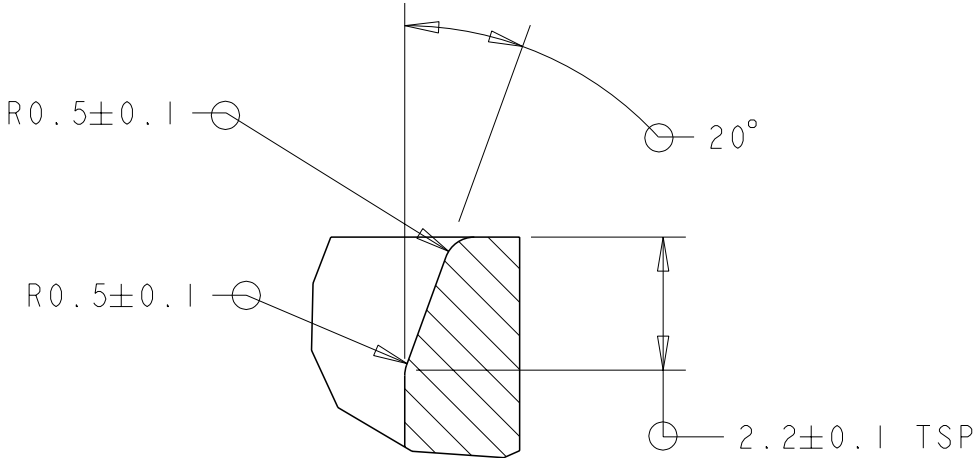
THIS DRAWING IS A CONTROLLED DOCUMENT..						DWG REV E	15APR2005			
						CHK VALASEK	15APR2005		 TE Connectivity	
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:				APP'D T	15APR2005		NAME	
mm						PRODUCT SPEC		50-WAY HARNESS ASSEMBLY, PCM		
		0 PLC ±.				APPLICATION SPEC		SIZE CASE CODE DRAWING NO RESTRICTED TO		
		1 PLC ±0.3								
		2 PLC ±0.10								
		3 PLC ±.								
		4 PLC ±.								
FINISH		±1°				WEIGHT		A100779C-1438129 -		
-		-				CUSTOMER DRAWING		SCALE 1:1 SHEET 8 OF 10 REF 37		



SCALE 2:1



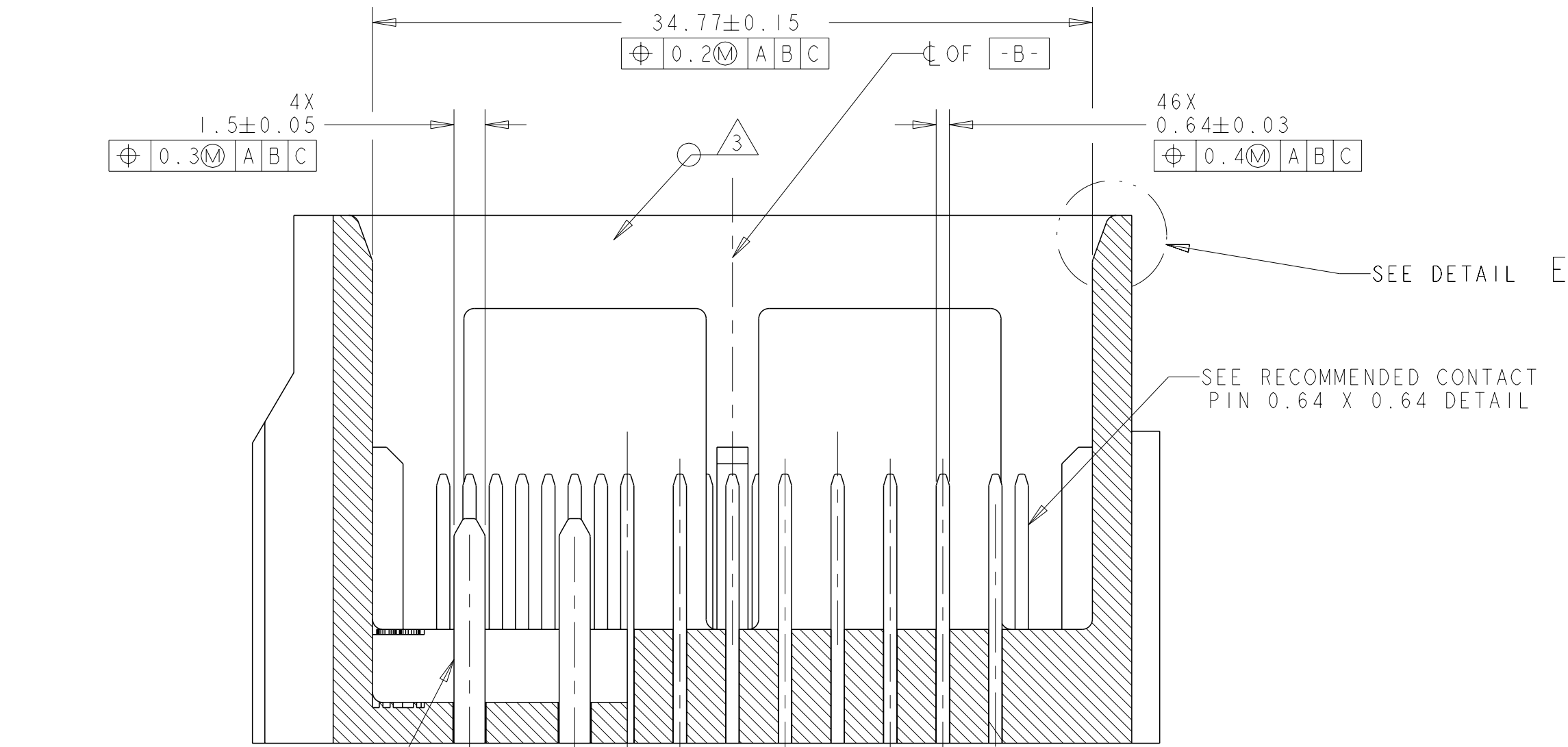
SECTION B-B



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-★



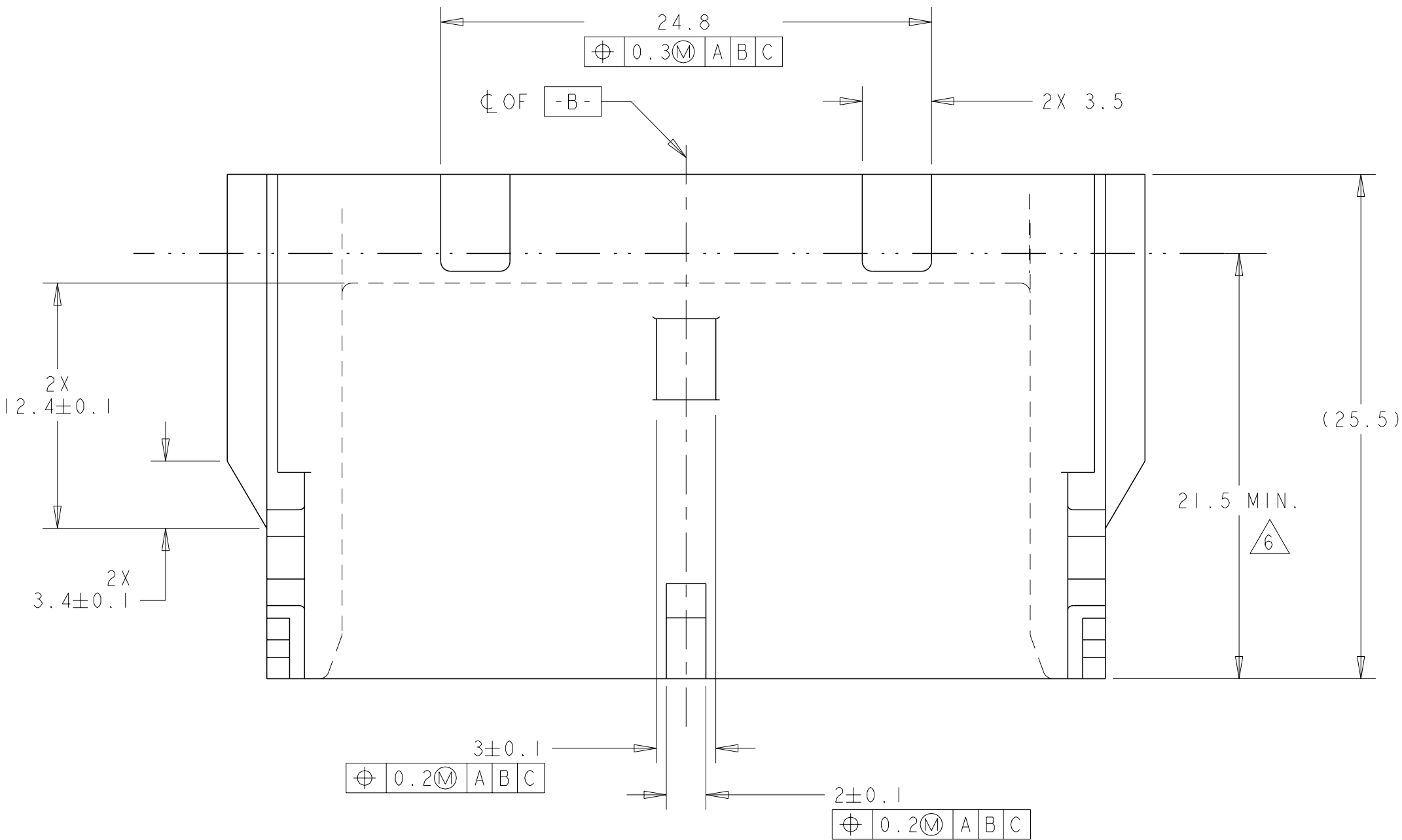
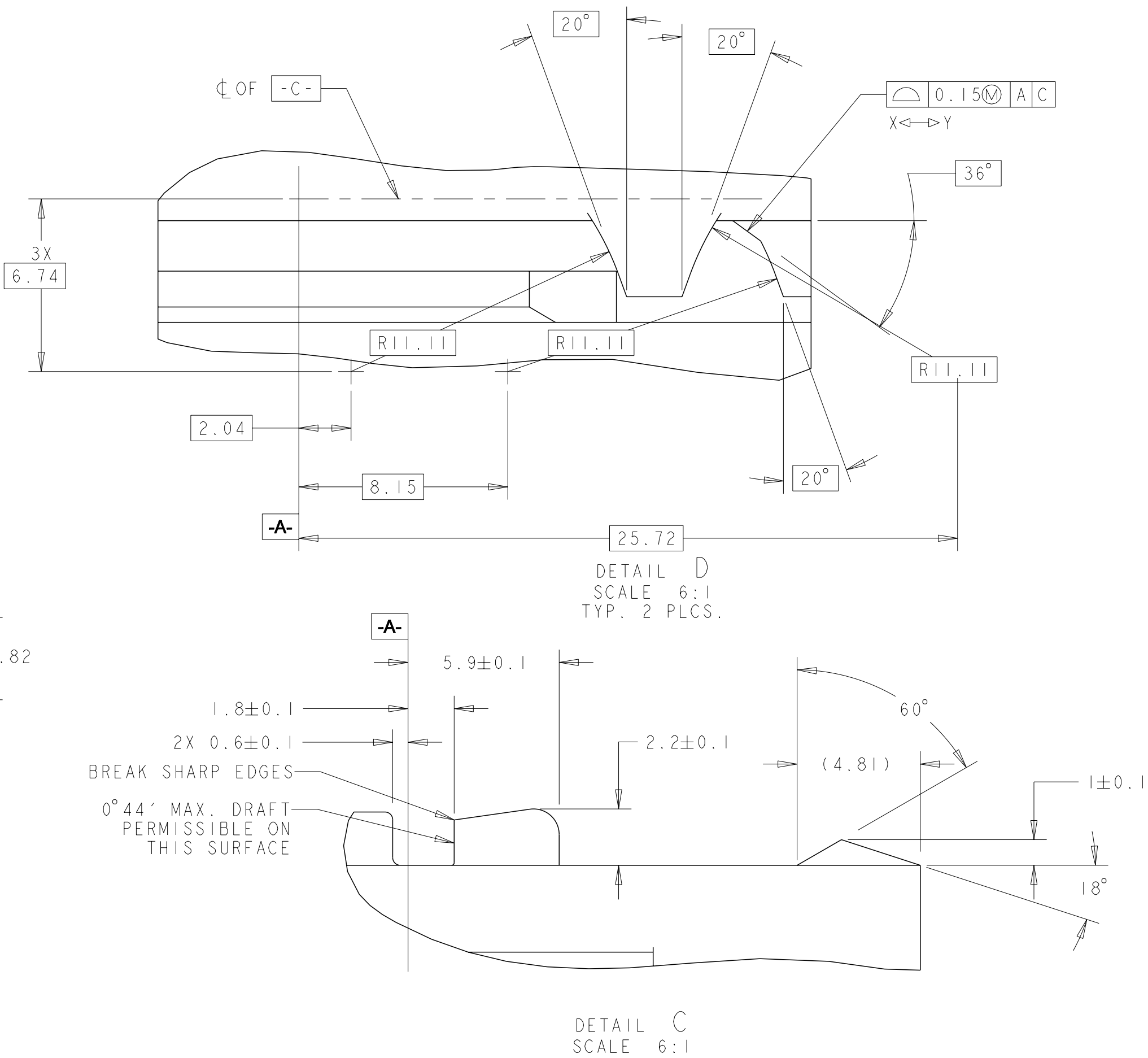
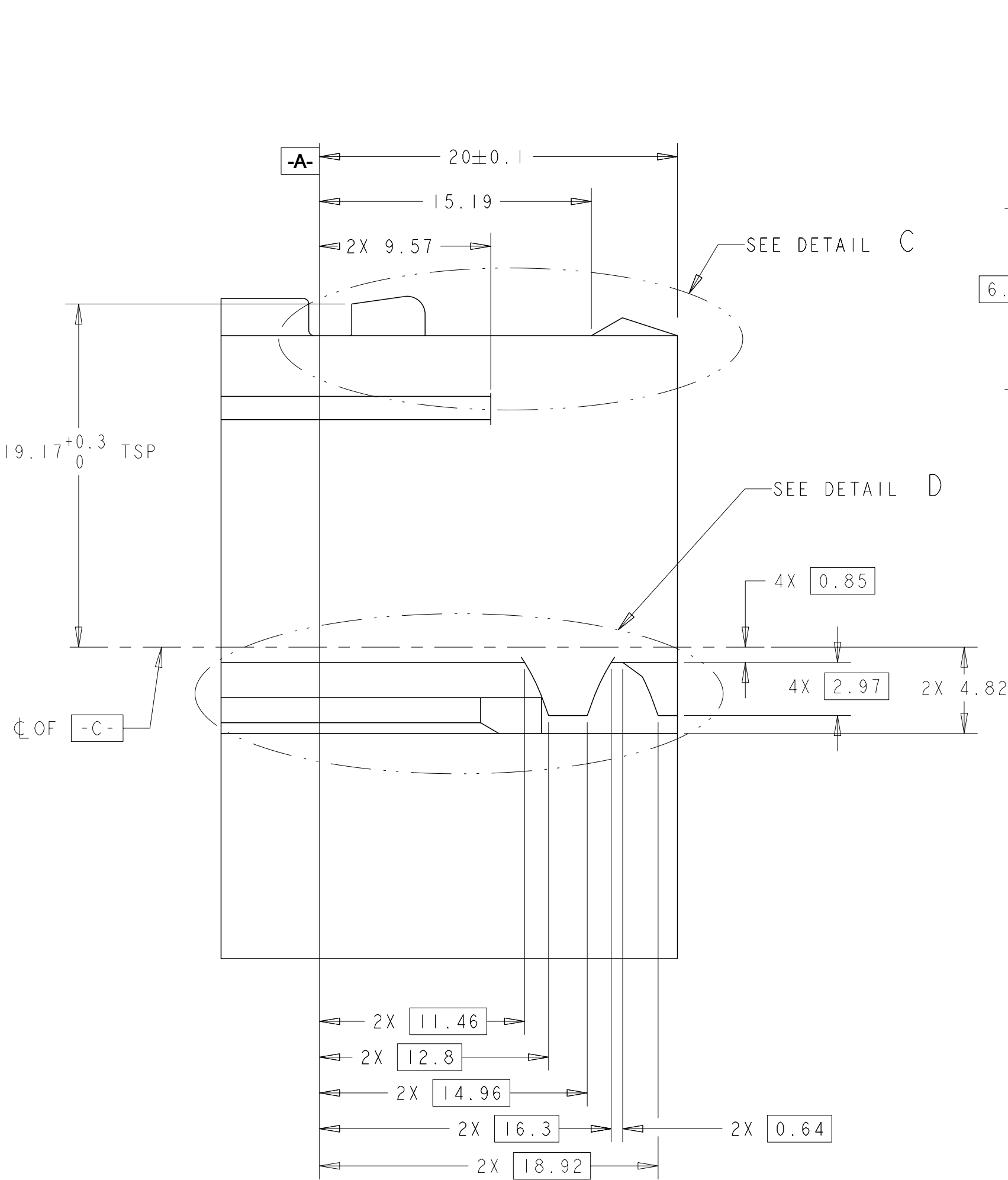
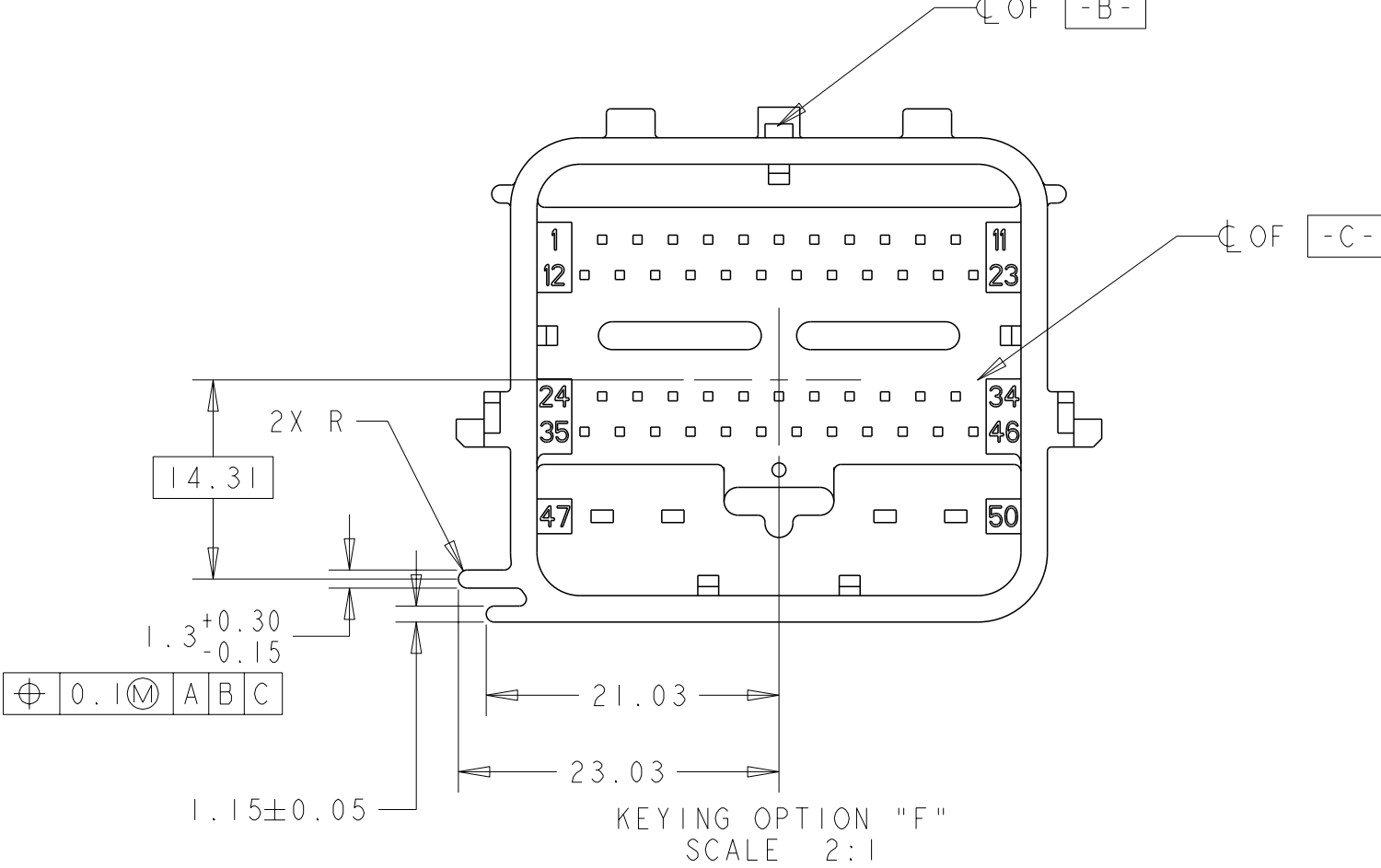
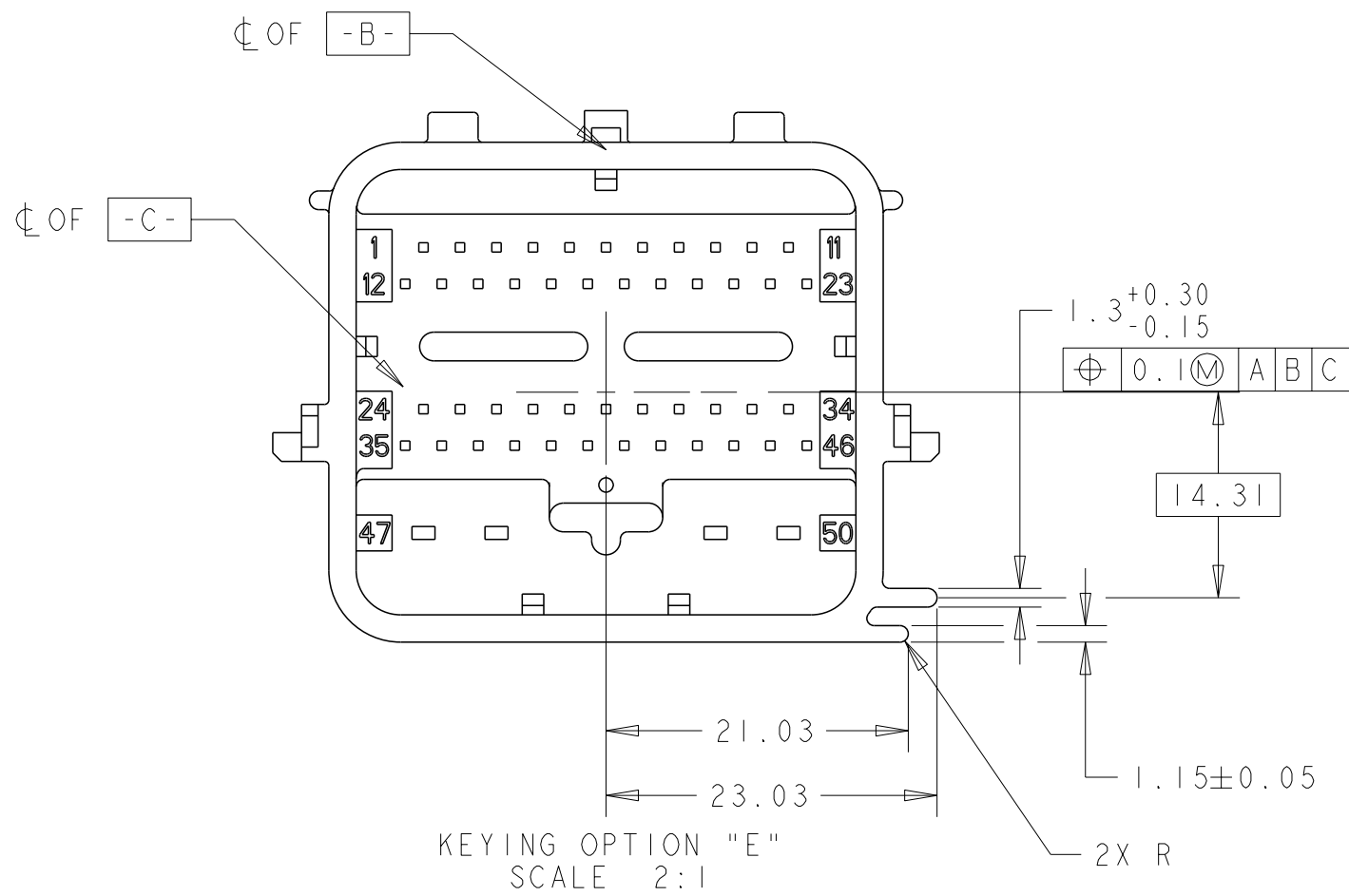
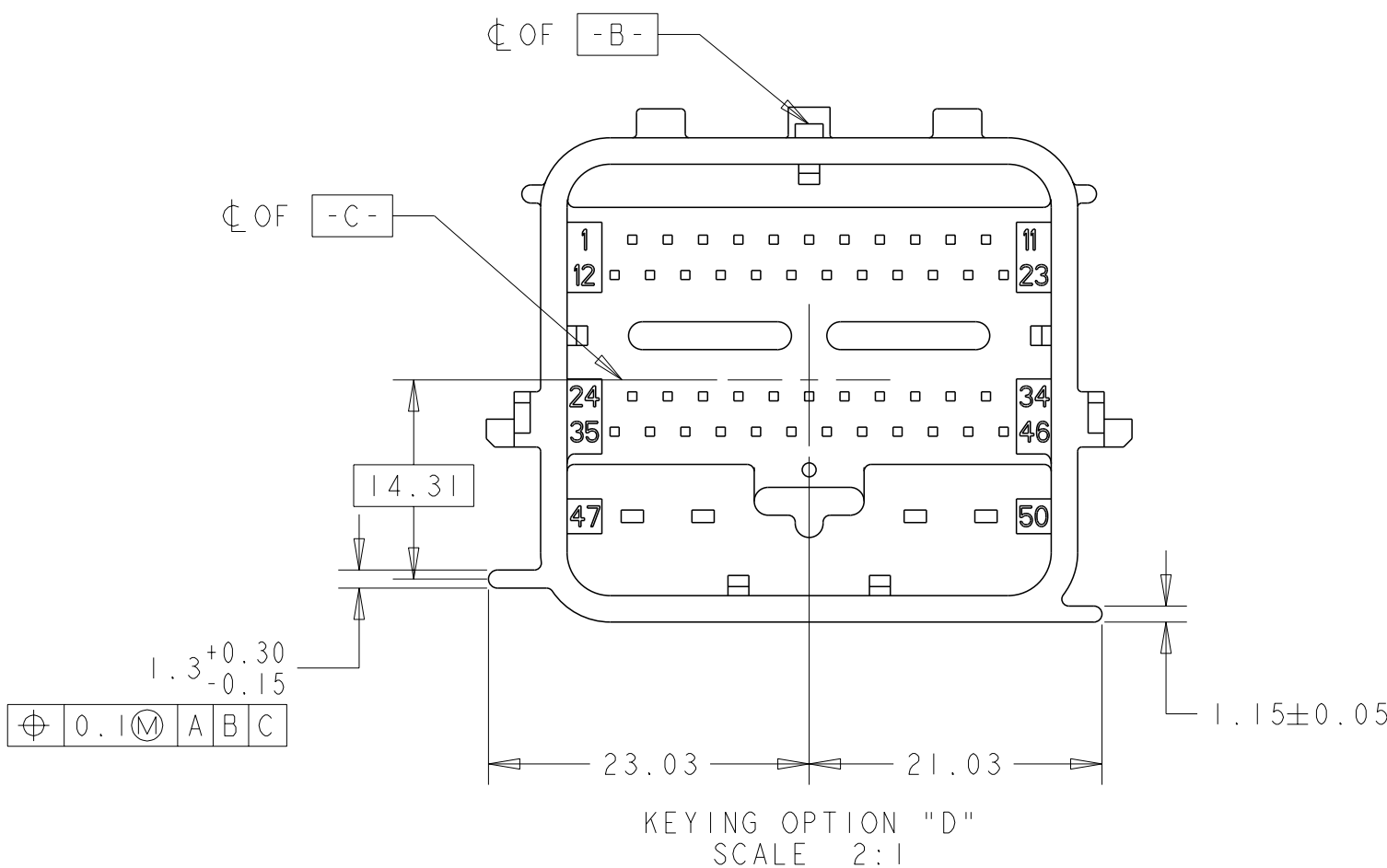
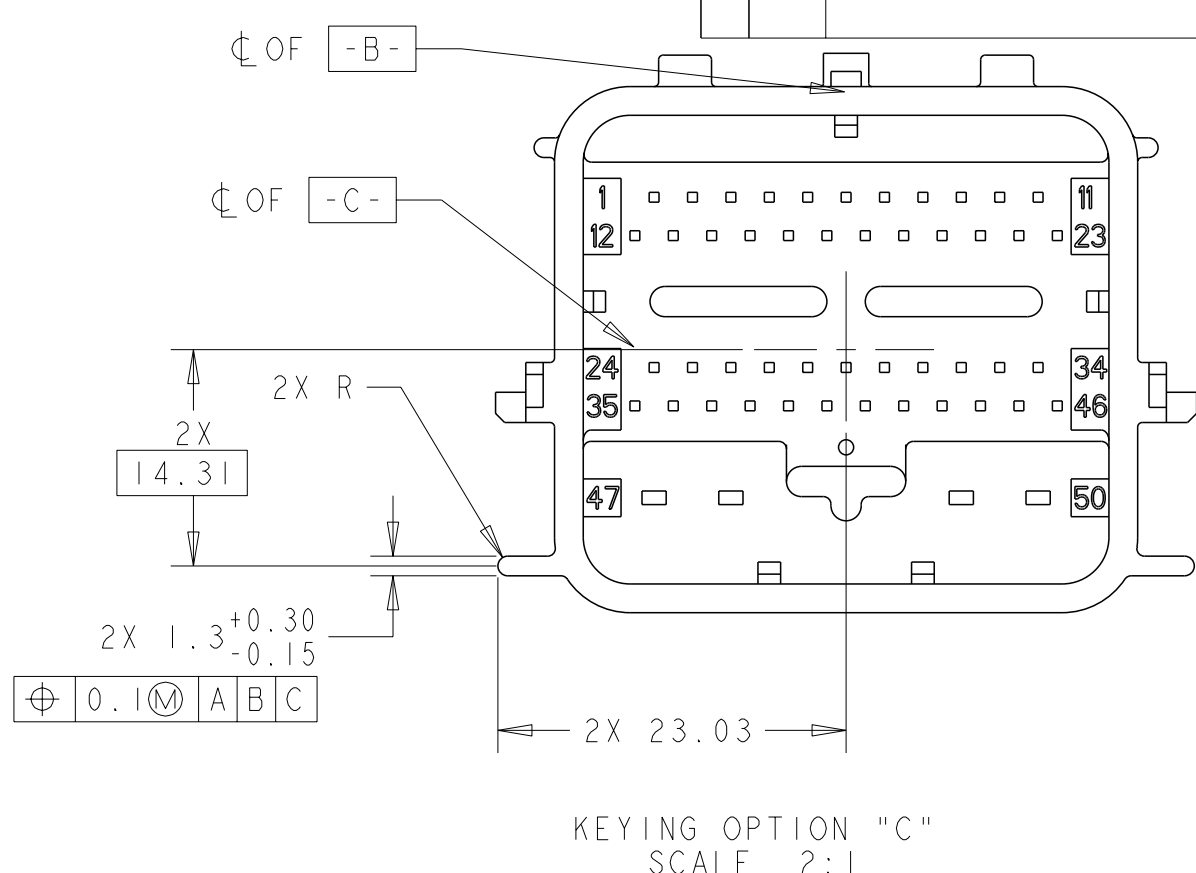
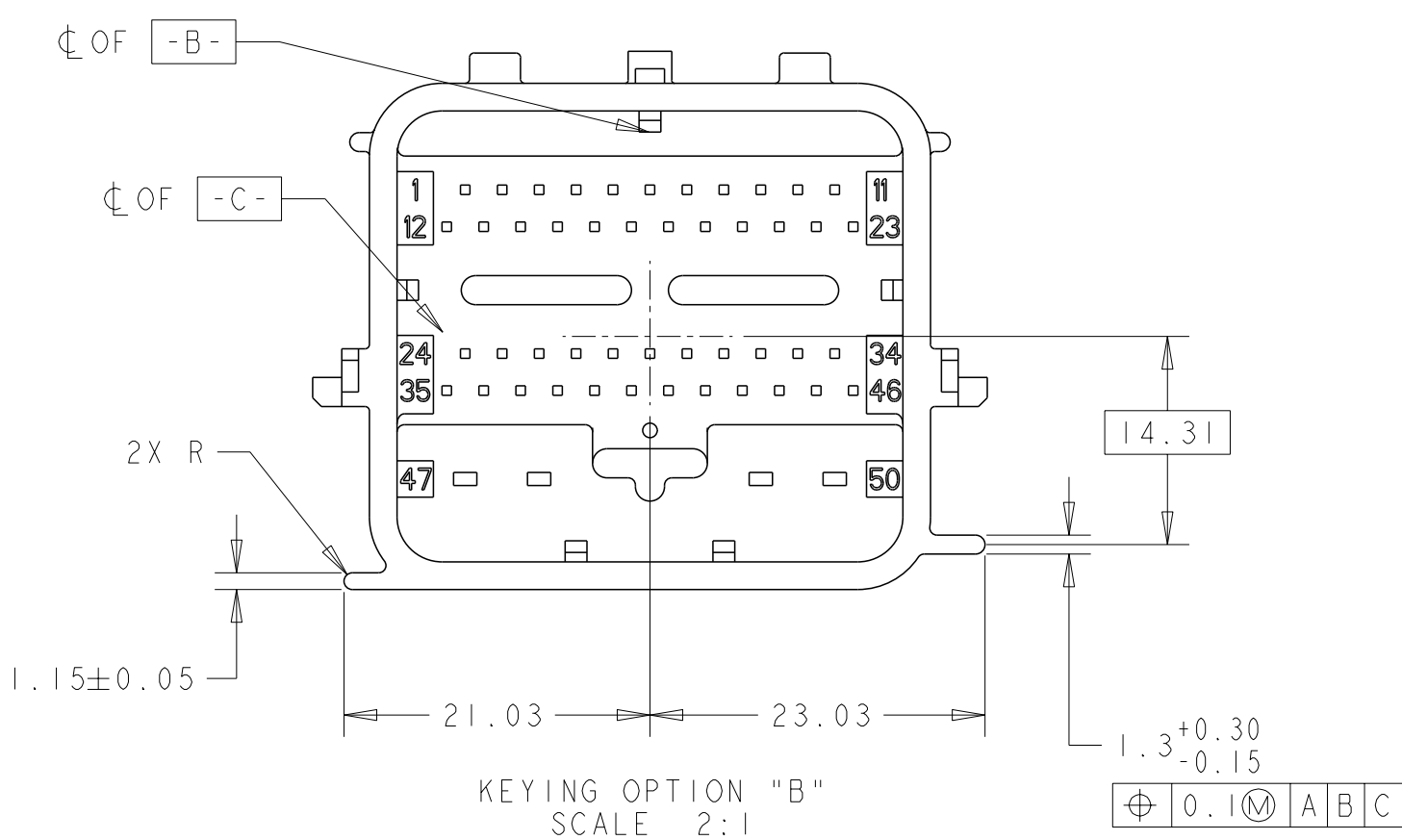
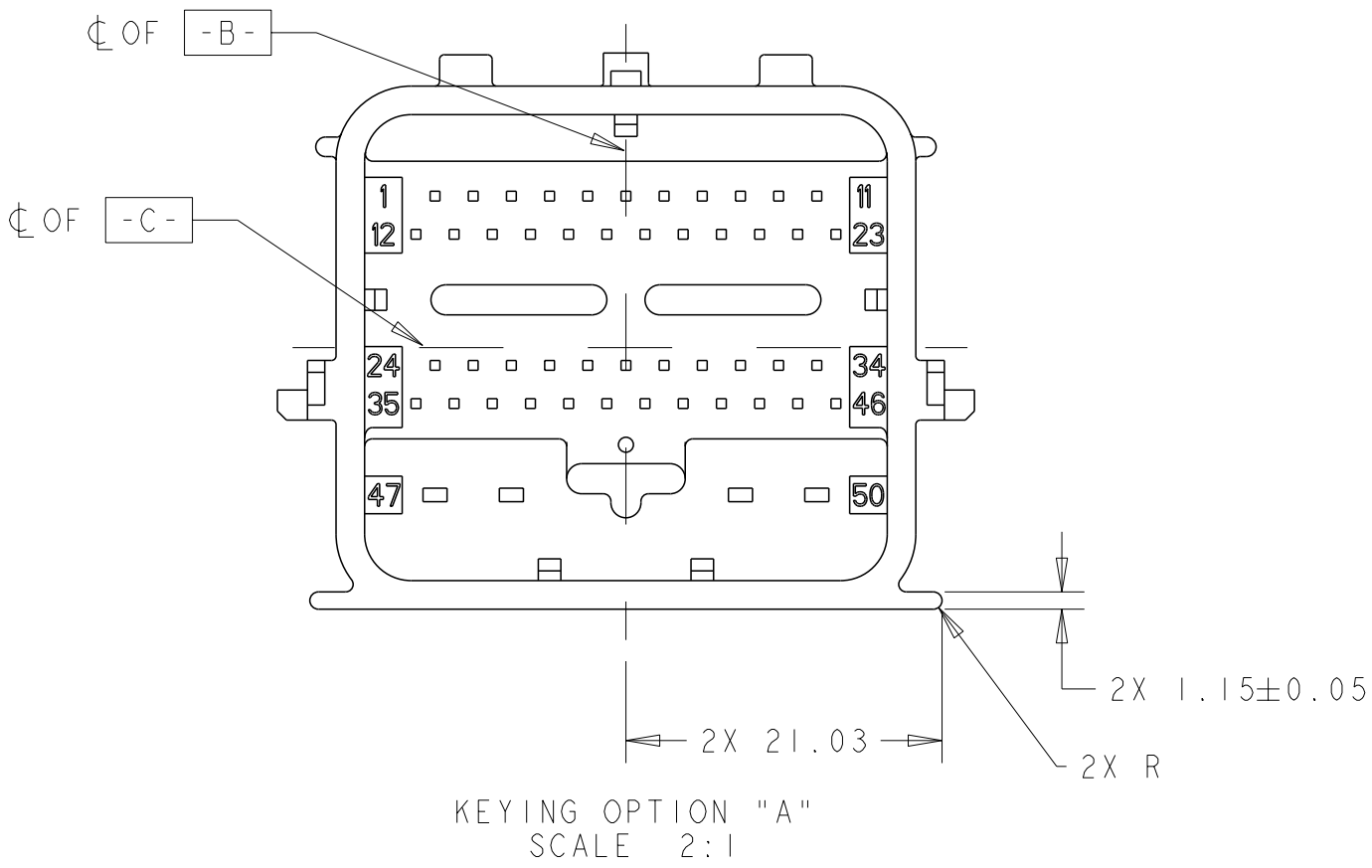
SECTION A-A

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

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1438129-2](#)