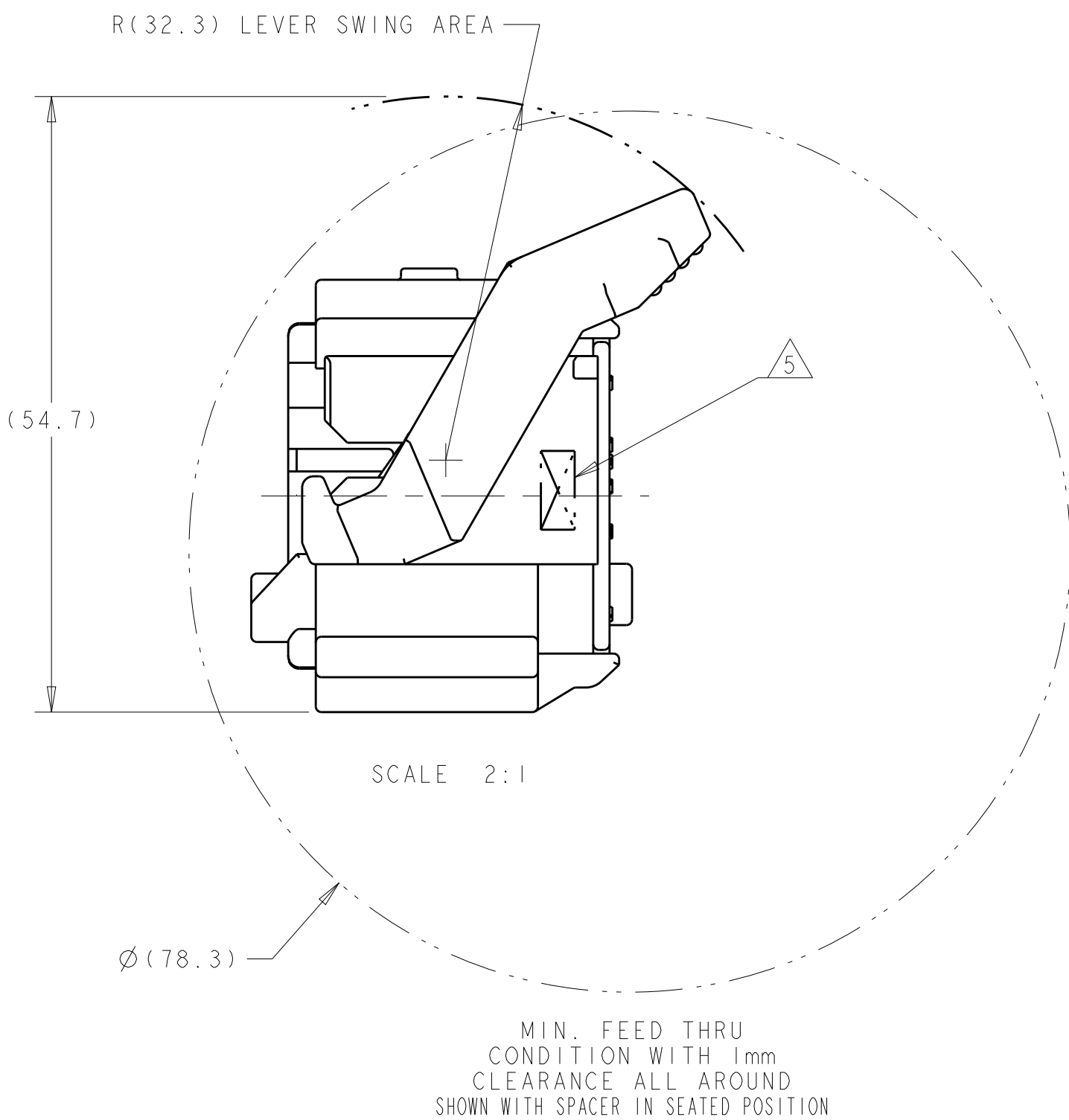


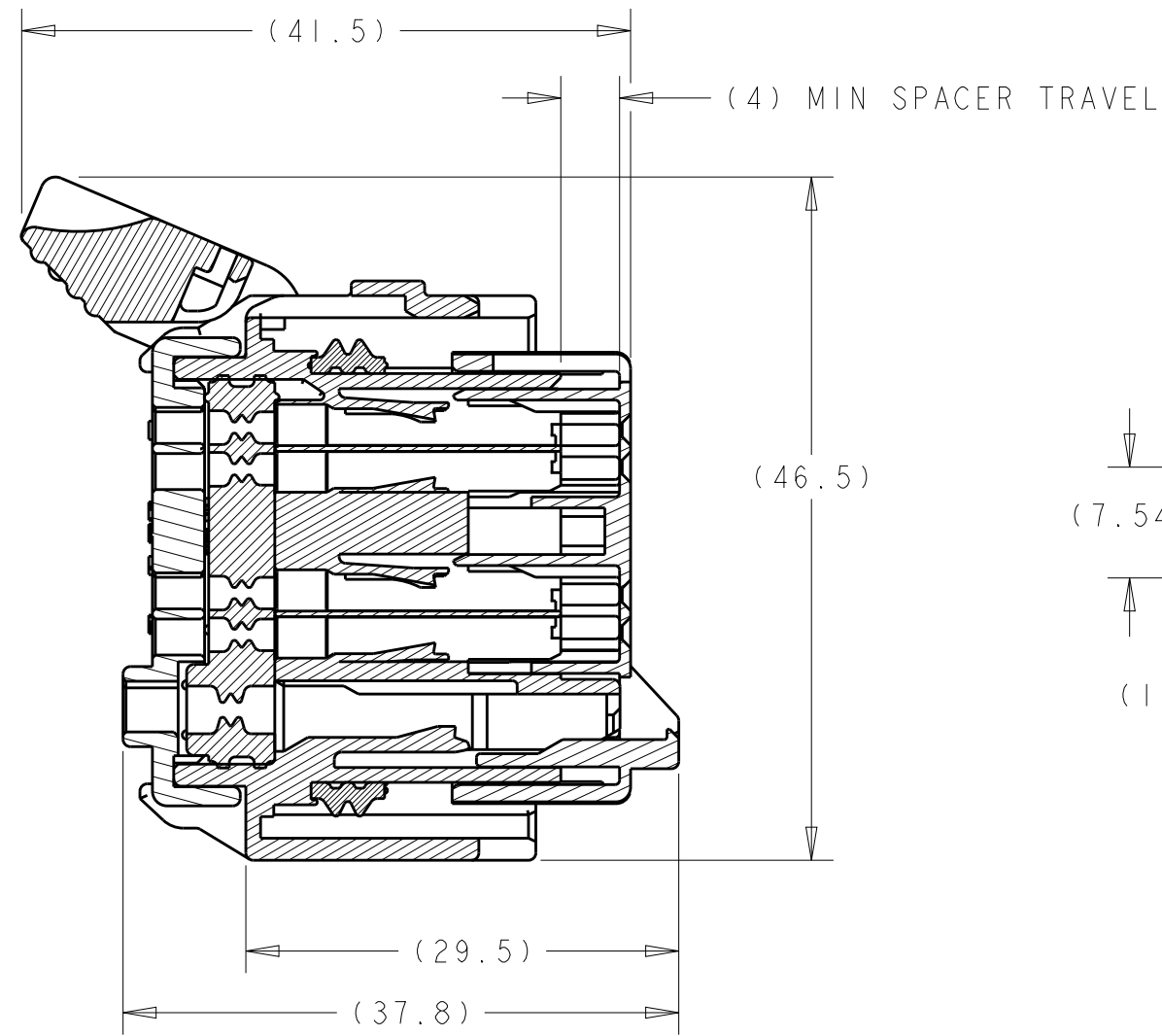


1438129-1
SHOWN WITH SPACER
IN SEATED POSITION

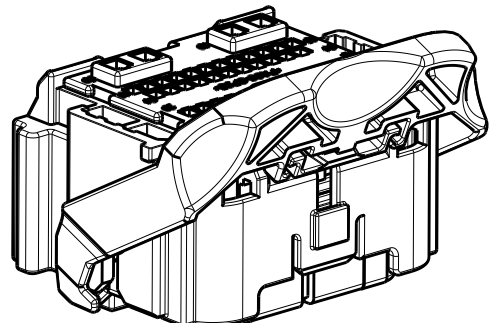
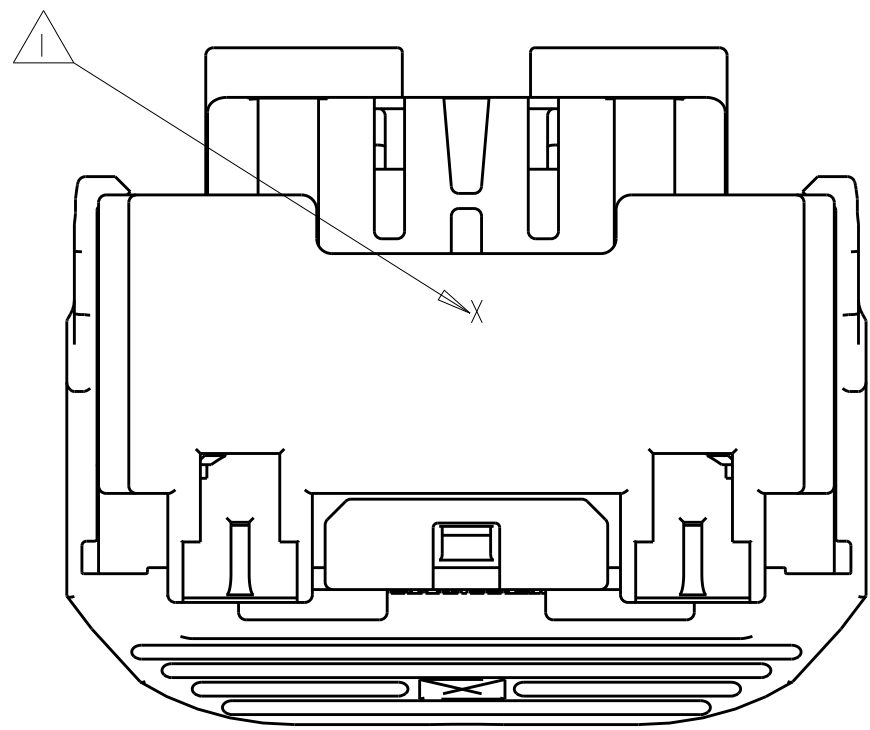
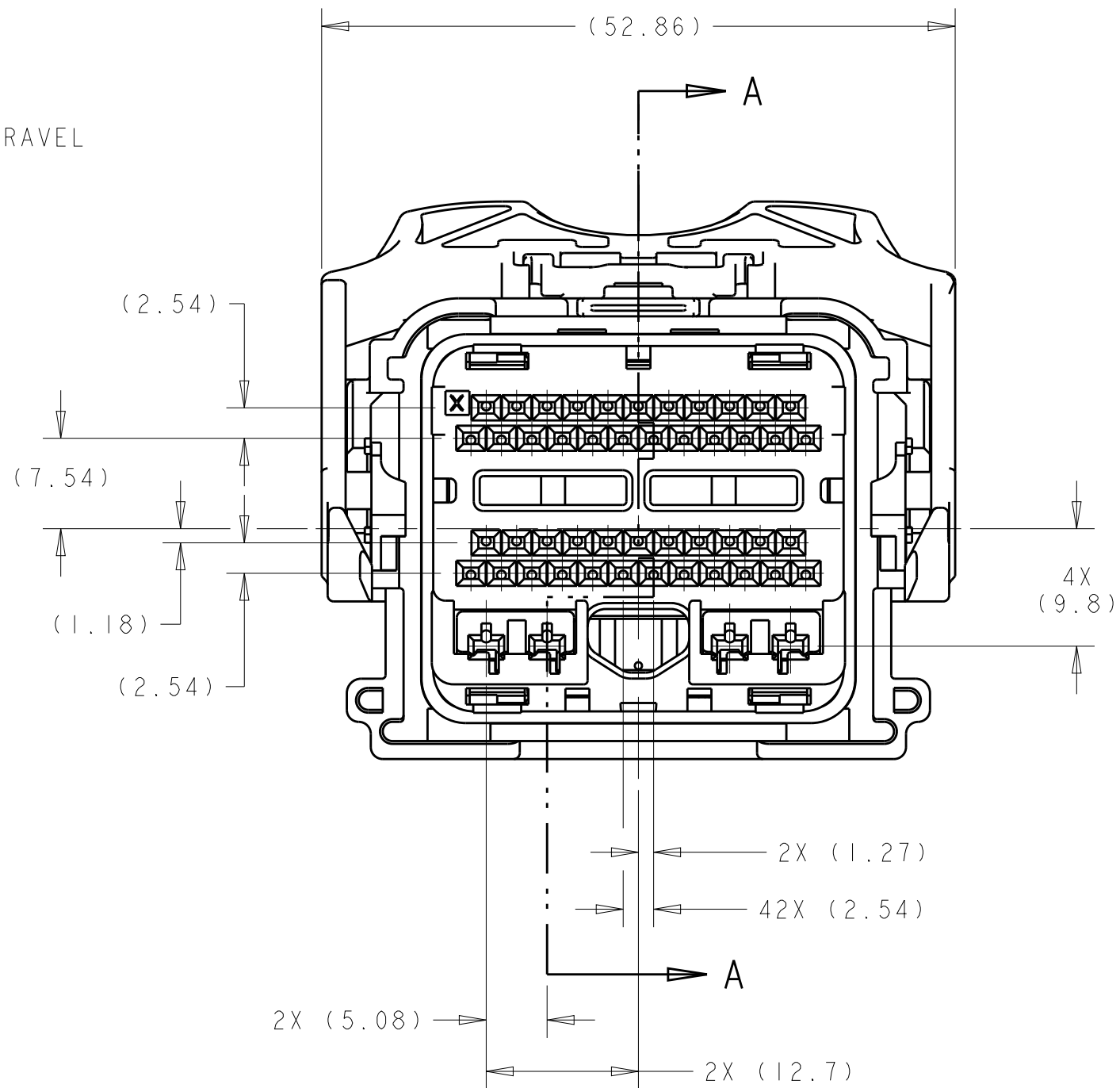


REVISIONS					
P.	LYR	DESCRIPTION	DATE	DWN	APVD
F32		REVISED PER ECO-16-003418	08MAR2016	DLD	DCM
F33		REVISED PER ECO-16-018427	25JAN2017	DLD	DCM
F34		REVISED PER ECO-17-007768	30MAY2017	DLD	DCM
F35		REVISED PER ECO-17-014872	24OCT2017	JMS	CM

- 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	NAME TE TE Connectivity 50-WAY HARNESS ASSEMBLY, PCM	SIZE A1	CAGE CODE 00779	DRAWING NO. 1438129	RESTRICTED TO -
DIMENSIONS:			CHK T. VALASEK	15APR2005					
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD T. VALASEK	15APR2005					
mm			PRODUCT SPEC						
0 PLC ±.3			APPLICATION SPEC						
1 PLC ±0.10			WEIGHT						
2 PLC ±.1			CUSTOMER DRAWING						
3 PLC ±.1			SCALE	1:1					
4 PLC ±.1			SHEET	1					
ANGLES FINISH			OF	10					
MATERIAL			REV	F35					

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



1438129-1
KEYING OPTION "A"



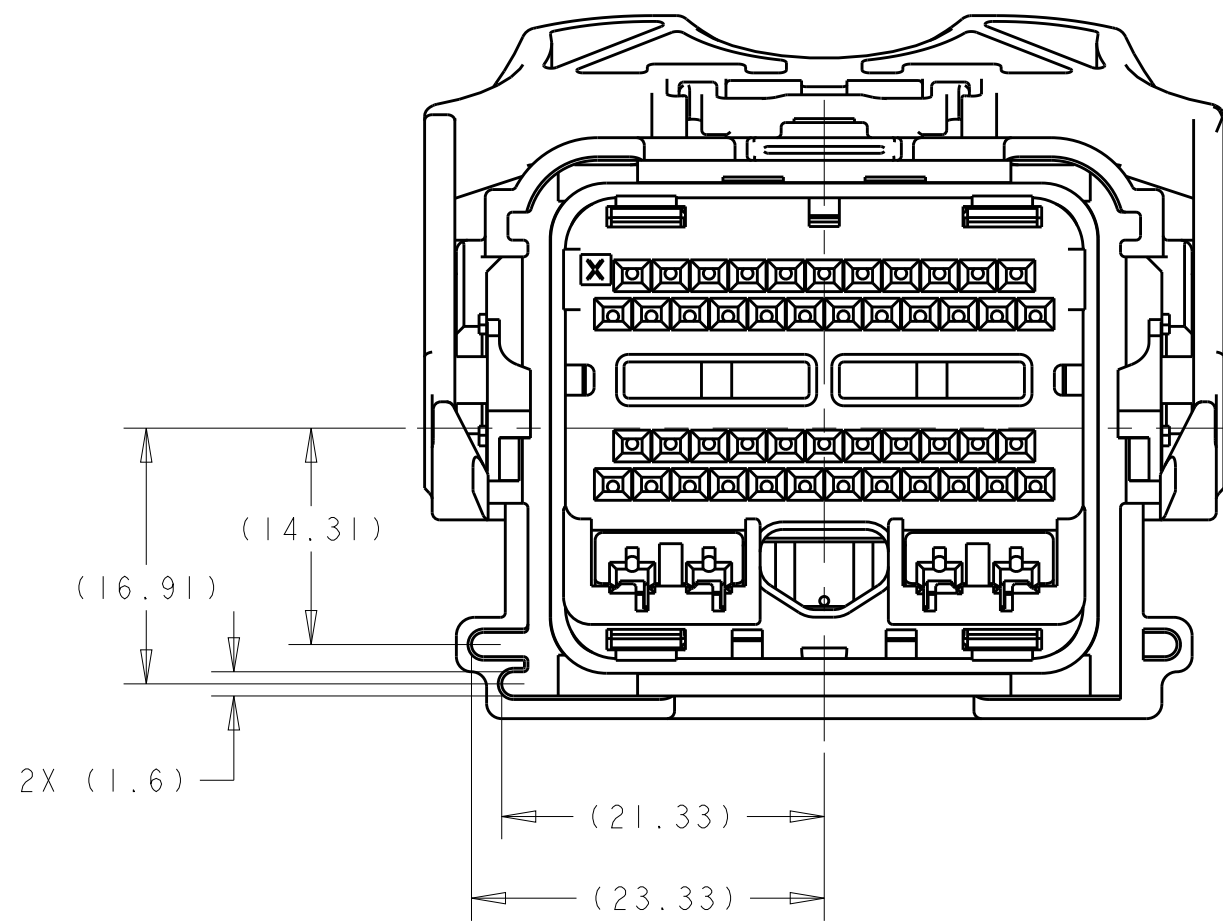
1438129-2
KEYING OPTION "B"



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	C=1438129	
-	-	CUSTOMER DRAWING	RESTRICTED TO	
			SCALE 2:1	SHEET 2 OF 10
			REV F35	

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

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±
±0.10
±
±
±1°

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
50-WAY HARNESS ASSEMBLY, PCM

SIZE
A1

CAGE CODE
100779

DRAWING NO
1438129

RESTRICTED TO
-

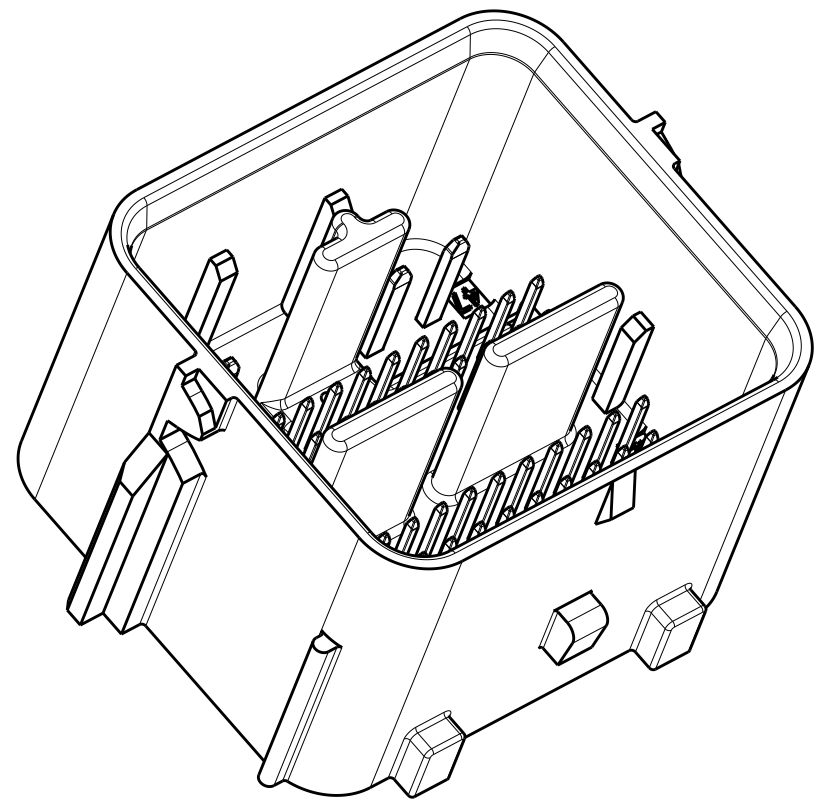
SCALE
1:1

SHEET
4

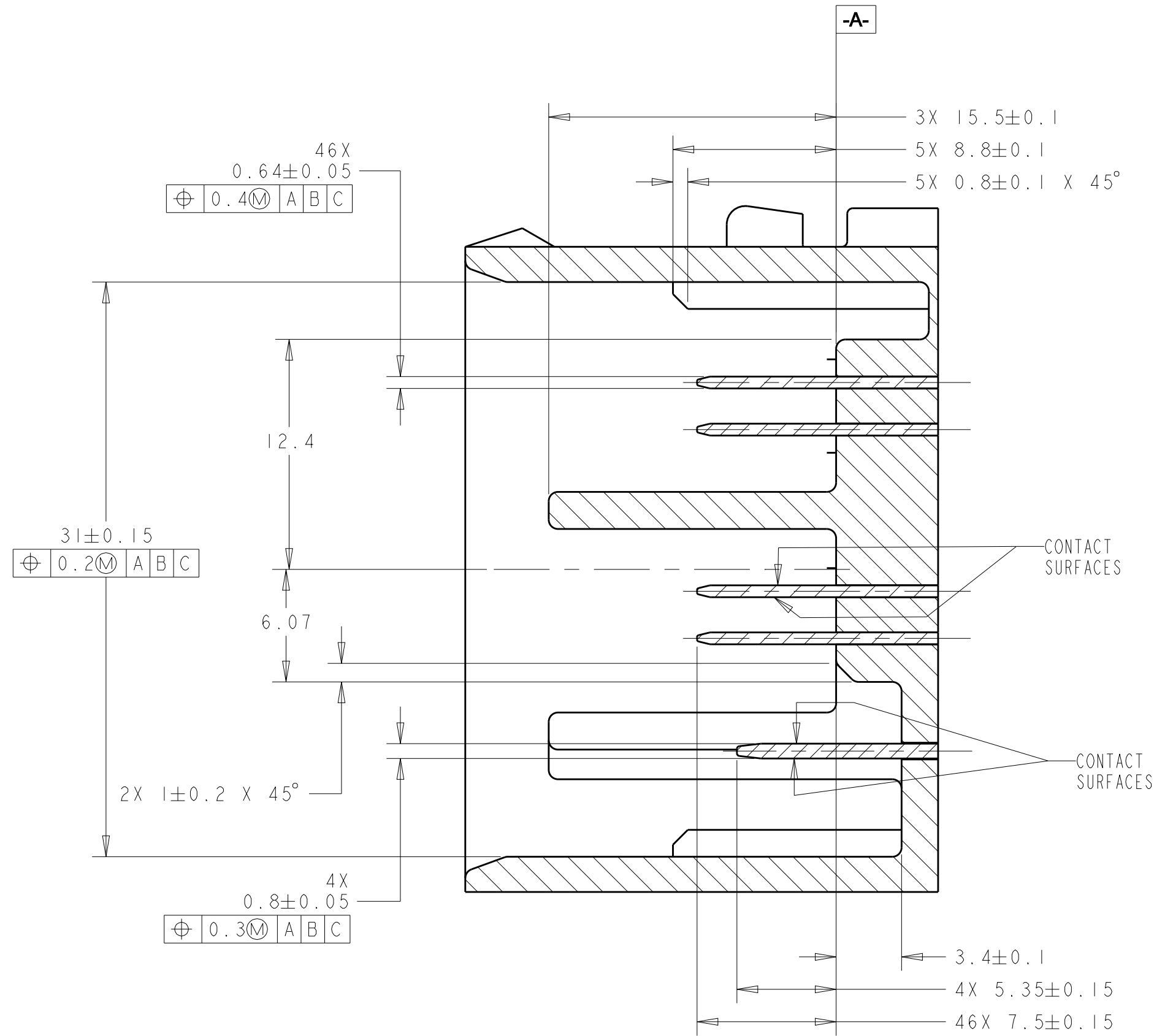
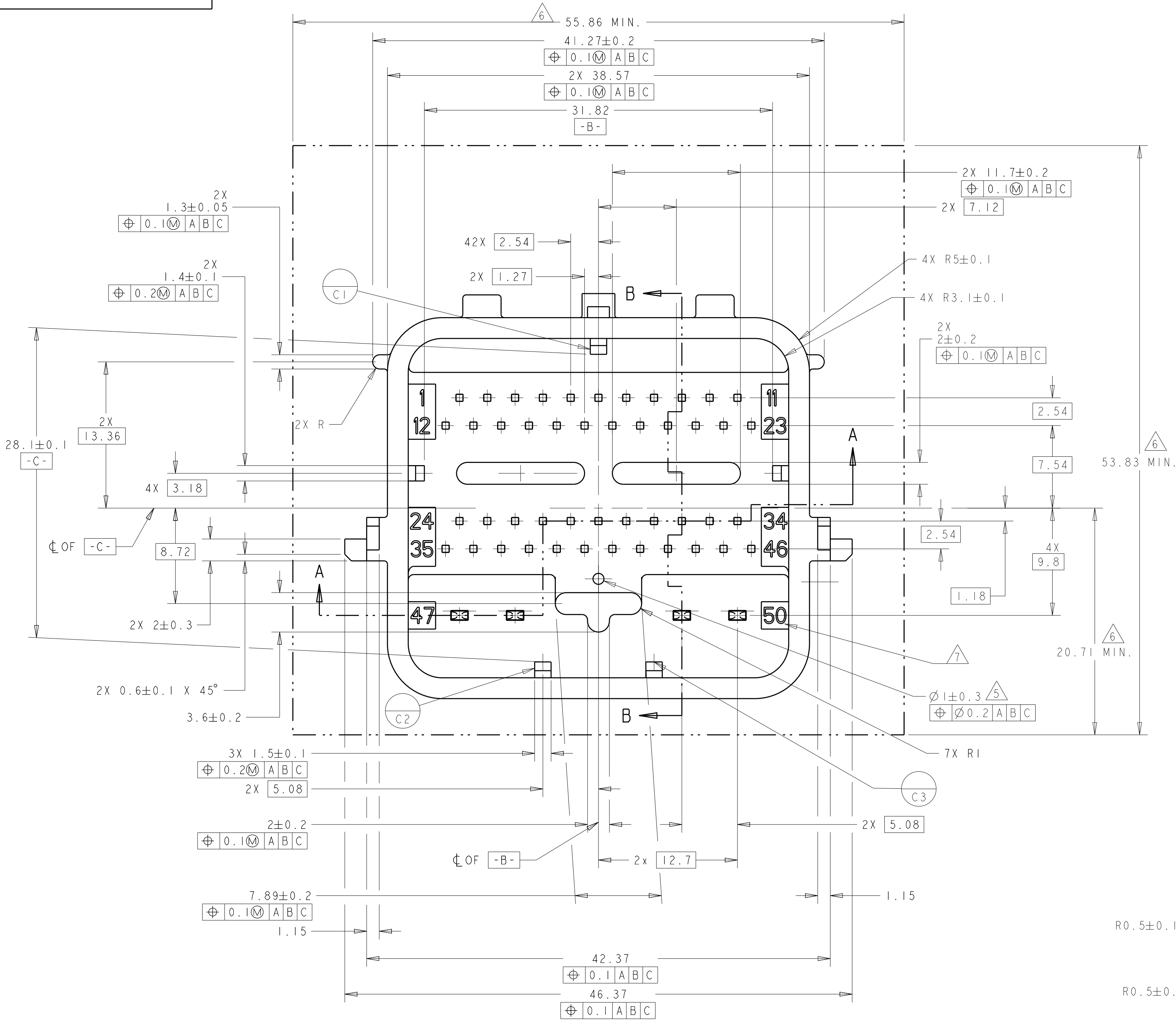
OF
10

REV
F35

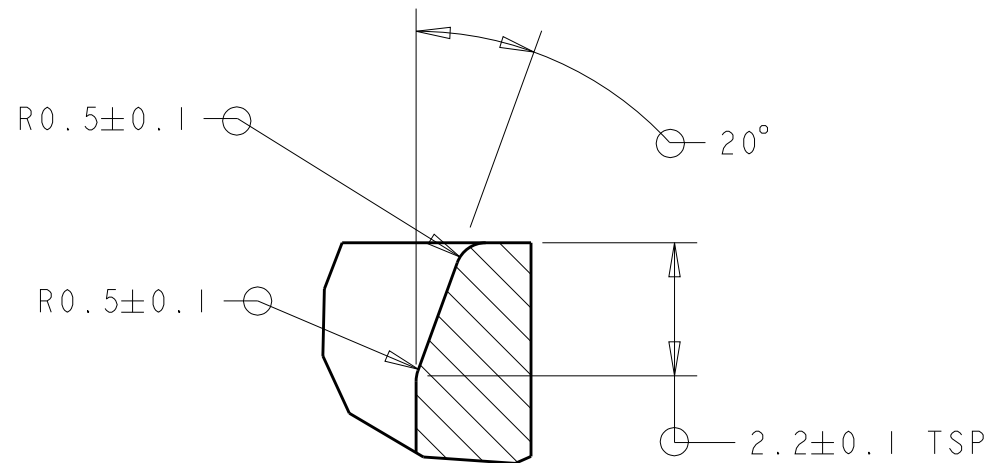
8		7		6		5		4		3		2		1	
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SCALE 2:1



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.		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 ±0.3	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
	2 PLC ±0.10	APPLICATION SPEC		
MATERIAL	FINISH	WEIGHT	A100779C=1438129	
CUSTOMER DRAWING		SCALE 1:1	SHEET 9 OF 10	REV F35

HEADER INTERFACE KEYING OPTIONS

REVISIONS				
P.	LYR.	DESCRIPTION	DATE	OWN APVD.
-	-	SEE SHEET 1	-	-



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 ±0.3	PRODUCT SPEC	SIZE	CAGE CODE DRAWING NO
	1 PLC ±0.10	APPLICATION SPEC	A100779	1438129
MATERIAL	FINISH	WEIGHT	CUSTOMER DRAWING	RESTRICTED TO
-	-	-	SCALE 1:1	SHEET 10 OF 10

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