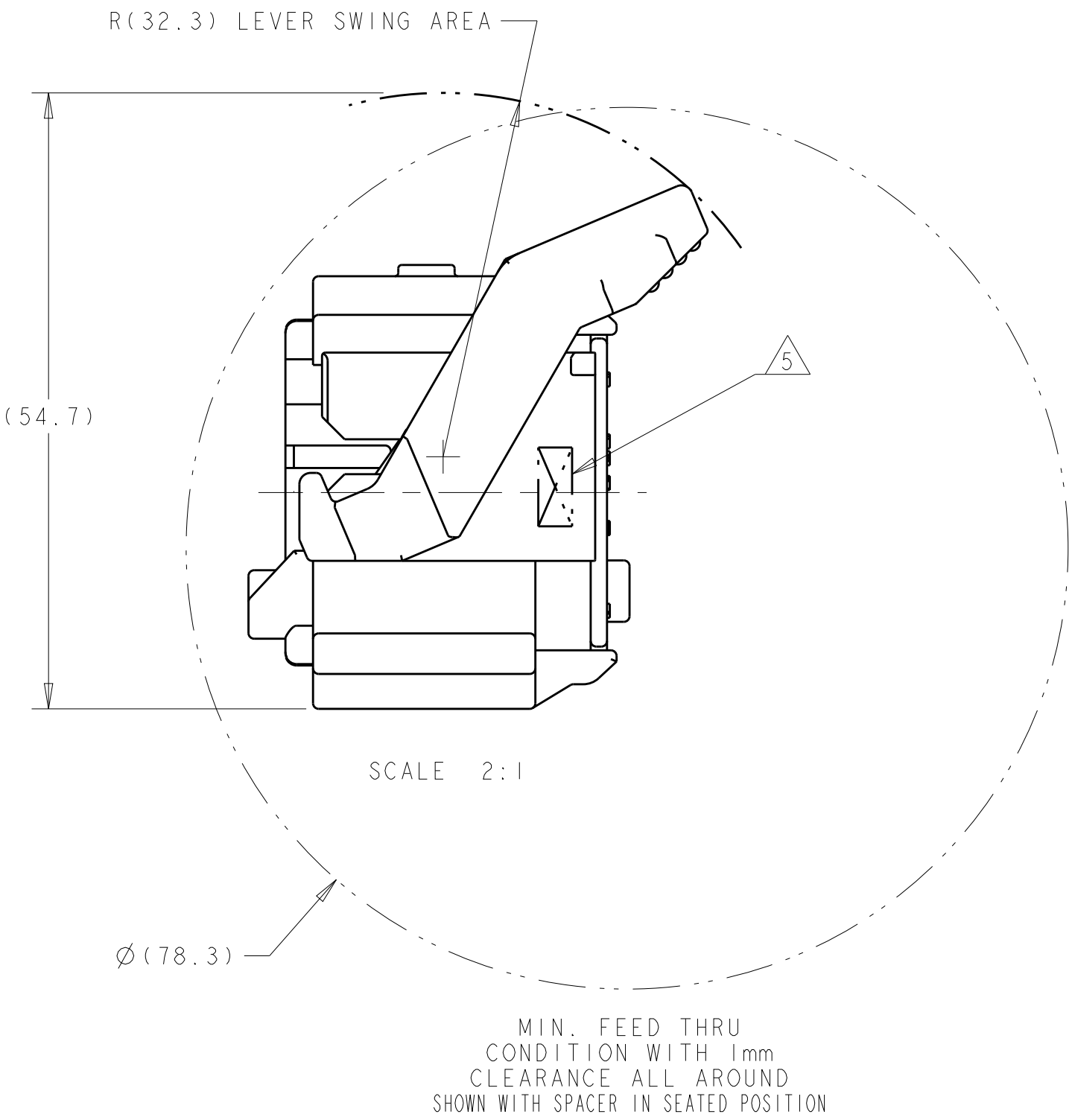




1438129-1
SHOWN WITH SPACER
IN SEATED POSITION

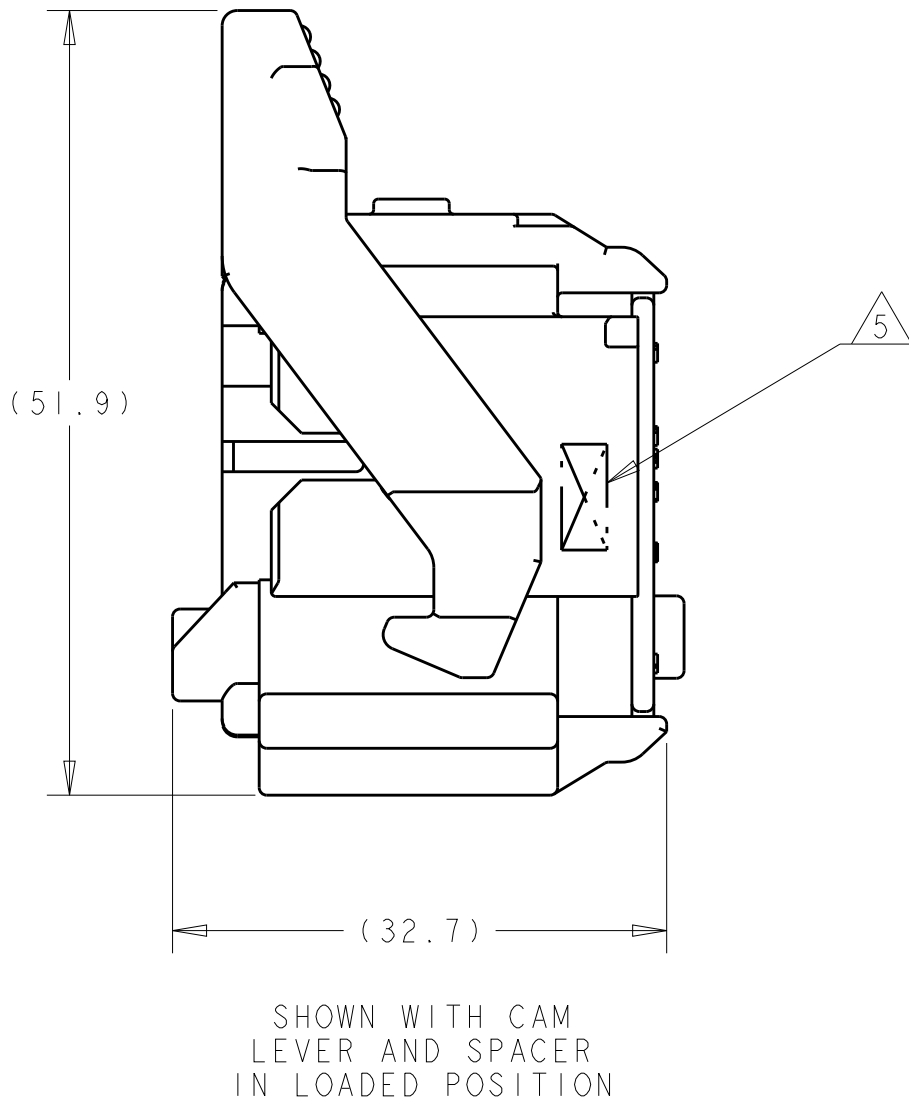
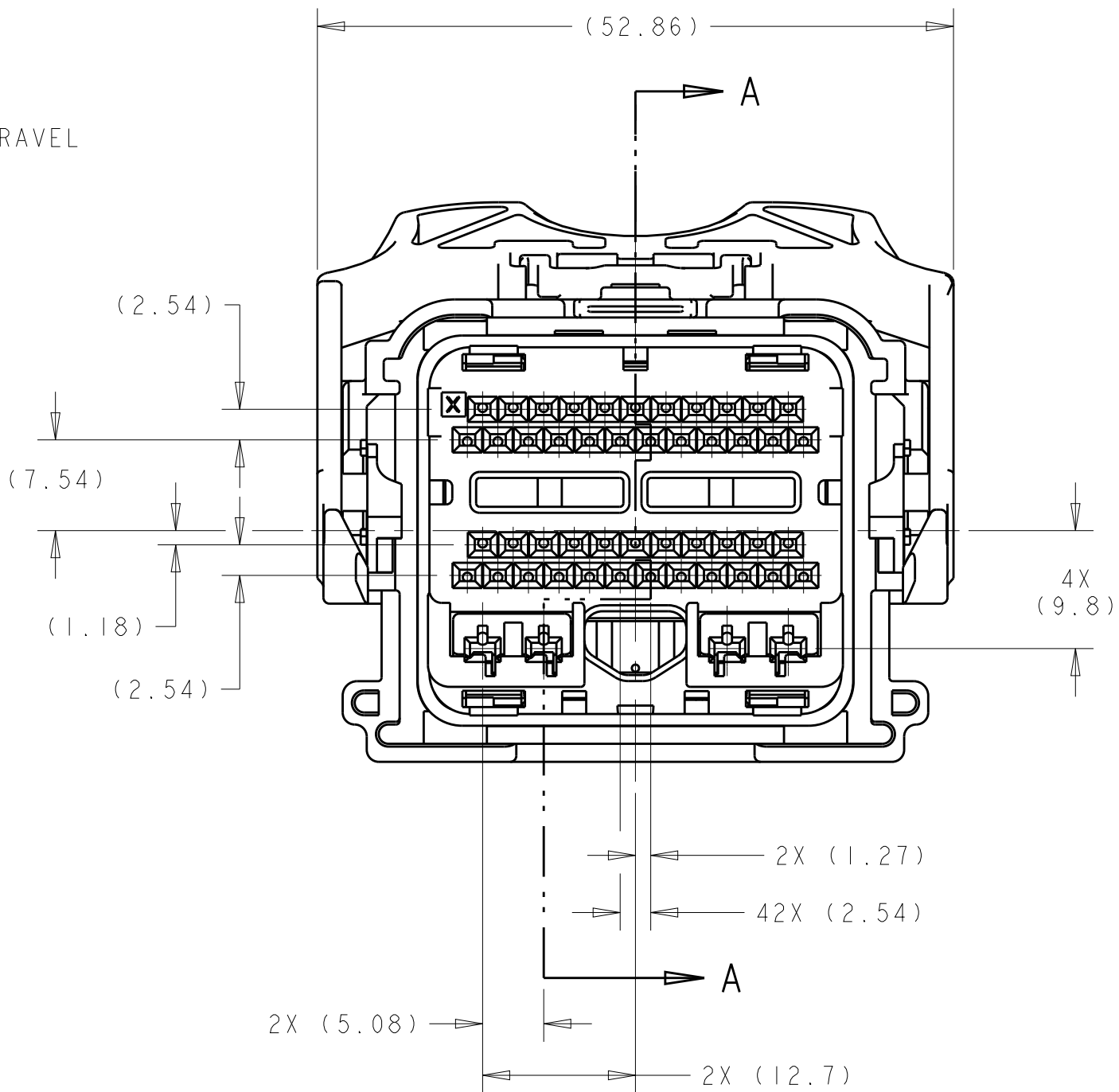


REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	APVD.
F32		REVISED PER ECO-16-003418	08MAR2016	DLD	DCM
F33		REVISED PER ECO-16-018427	25JAN2017	DLD	DCM
F34		REVISED PER ECO-17-007768	30MAY2017	DLD	DCM
F35		REVISED PER ECO-17-014872	24OCT2017	JMS	CM

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		 TE Connectivity		SEE TABLES SHEETS 3 THRU 7	
					CHK T. VALASEK 15APR2005				PART NUMBER	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD T. 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 ±.		±.1			APPLICATION SPEC					
ANGLES					WEIGHT		SIZE		CAGE CODE	
FINISH					-		DRAWING NO		RESTRICTED TO	
-					-		A1		00779	
-					-		C		1438129	
-					-		CUSTOMER DRAWING		SCALE	
							1:1		SHEET	
							1 OF		10	
									REV	
									F35	

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



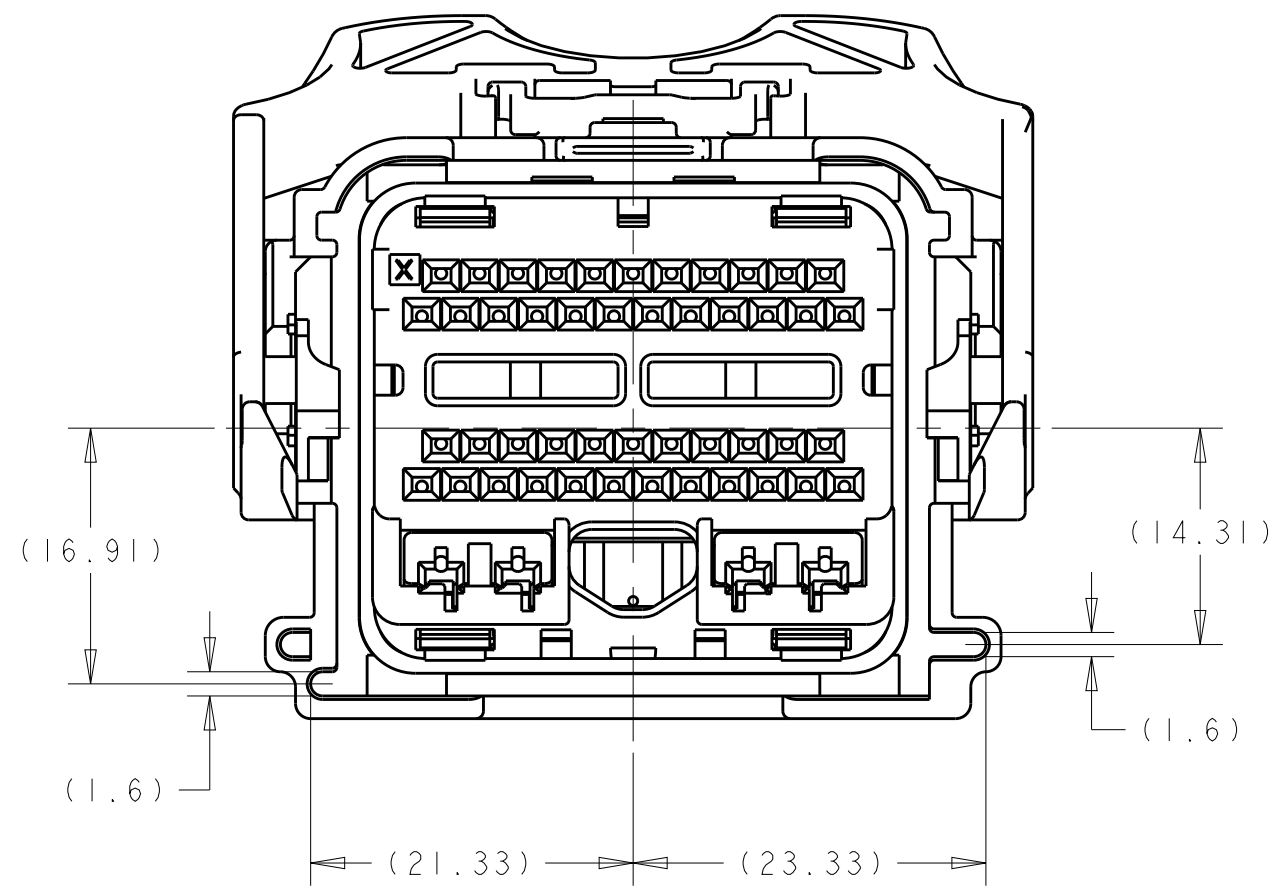
1438129-1
KEYING OPTION "A"



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.		DWN R. VESTAL 15APR2005		 TE Connectivity	
		CMV VALASEK 15APR2005			
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ± 1 PLC ±0.3 2 PLC ±0.10 3 PLC ± 4 PLC ± ANGLES ±1°		50-WAY HARNESS ASSEMBLY, PCM	
		PRODUCT SPEC -		SIZE CASE CODE DRAWING NO A1 00779 C 1438129	
		APPLICATION SPEC -			
		WEIGHT -			
MATERIAL - - -		FINISH - - -		RESTRICTED TO - - -	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 3 OF 10 REF 35	

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
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±0.3
±0.10
±
±
±1°
-

-
-

MATERIAL
-

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

APVD
T. VALASEK

15APR2005

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

TE

TE Connectivity

NAME
50-WAY HARNESS ASSEMBLY,
PCM
-

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=1438129

RESTRICTED TO
-

SCALE
1:1

SHEET
4

OF
10

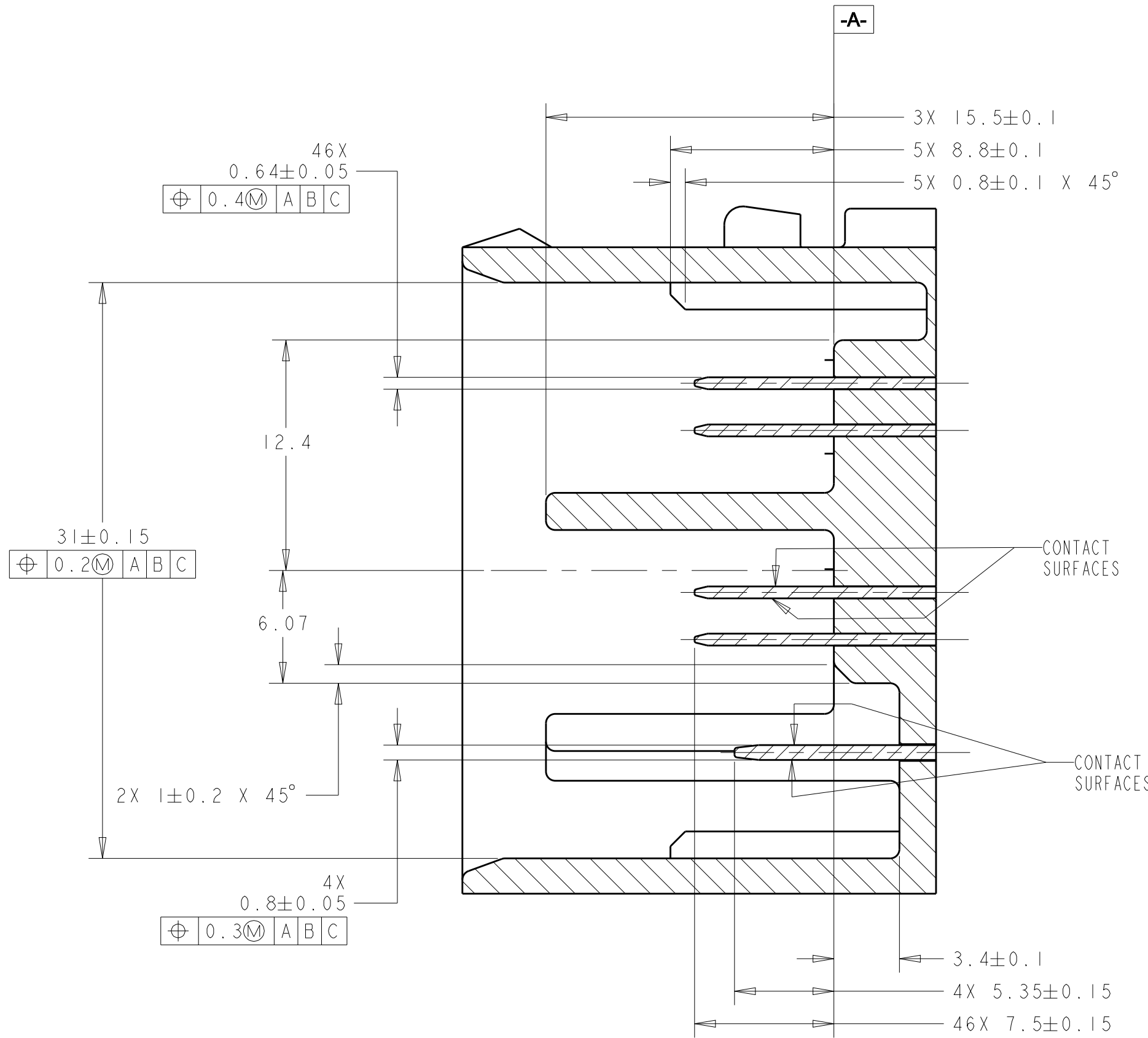
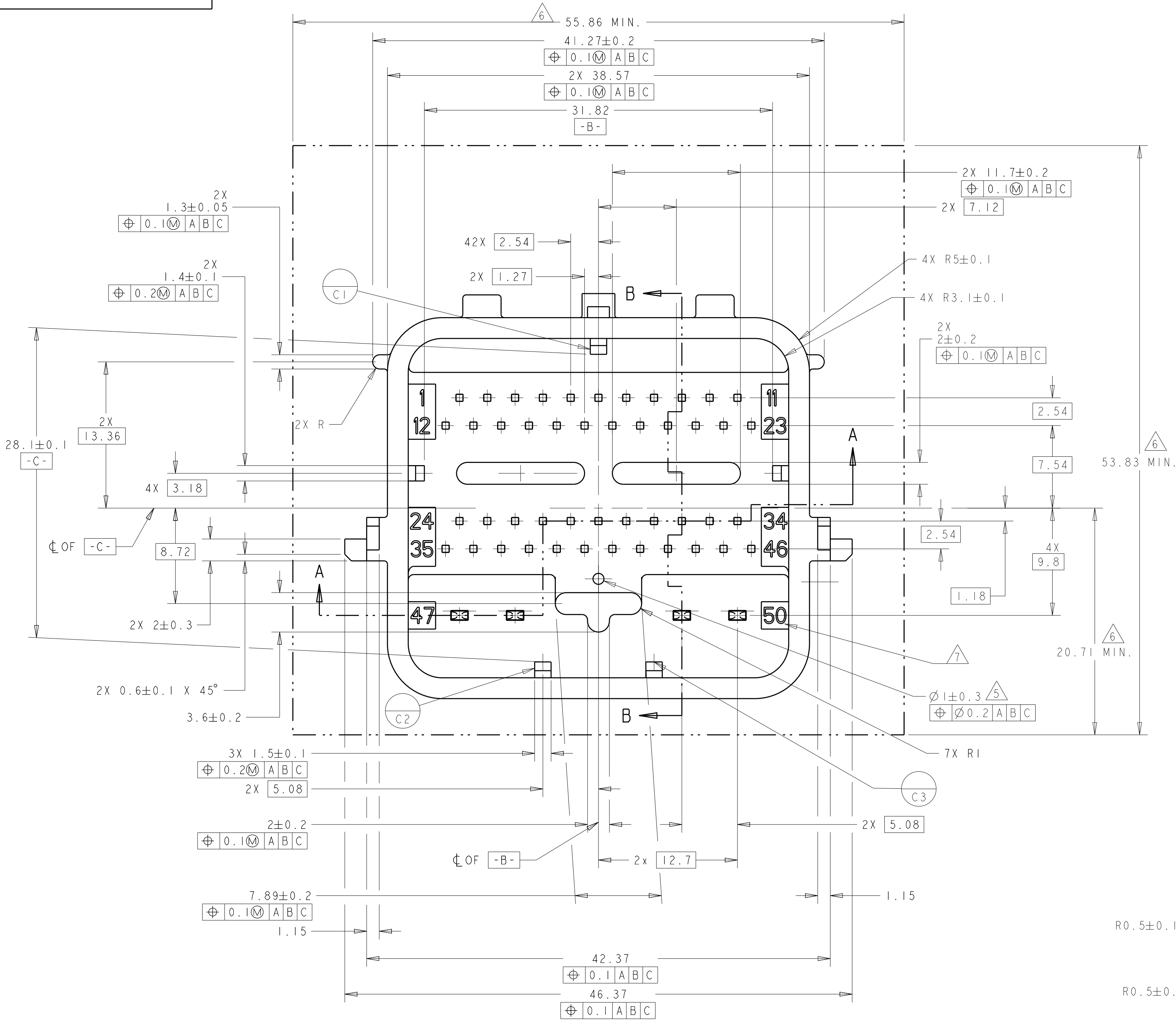
REV
F35

8	7	6	5	4	3	2	1
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COPYRIGHT 20		BY -		ALL RIGHTS RESERVED.			

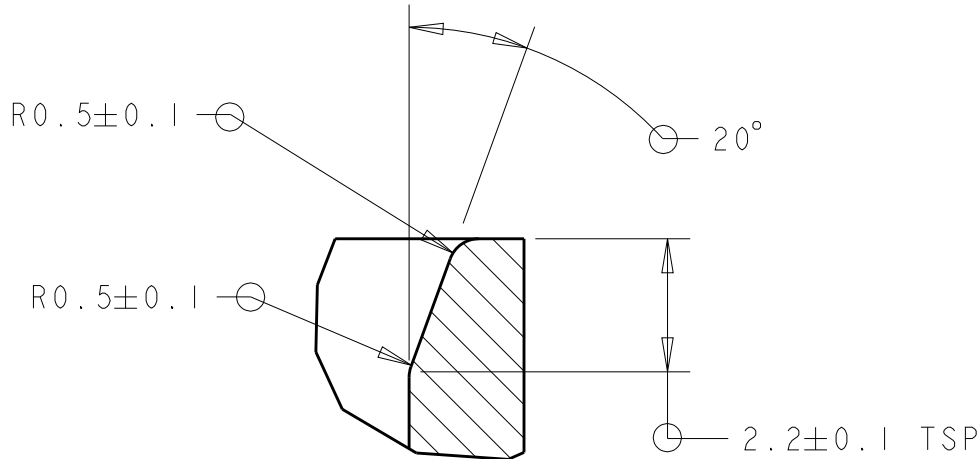
8		7		6		5		4		3		2		1	
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© COPYRIGHT 20				BY -				ALL RIGHTS RESERVED.							
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SCALE 2:1



SECTION B-B



DETAIL E
SCALE 8:1

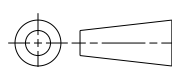
NOTES: UNLESS OTHERWISE SPECIFIED

- 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 ±.3	PRODUCT SPEC		SIZE CAGE CODE DRAWING NO	
	2 PLC ±0.10	APPLICATION SPEC		RESTRICTED TO	
MATERIAL	FINISH	WEIGHT		A100779C=1438129	
CUSTOMER DRAWING		SCALE 1:1		SHEET 9 OF 10	REV F35

Technical drawing of the front view of a rectangular metal plate. The plate features a central rectangular cutout with rounded corners and a small circular hole at its center. The plate is perforated with a grid of small circular holes. Mounting holes are located at the corners and along the edges. Dimensions are indicated as follows:

- ϕ OF -B- (pointing to a top mounting hole)
- ϕ OF -C- (pointing to a side mounting hole)
- $2 \times 1.15 \pm 0.05$ (pointing to the thickness of the plate)
- 2×21.03 (pointing to the width of the plate)
- $2 \times R$ (pointing to the radius of the bottom corners)

Numbered callouts (1, 11, 23, 24, 34, 46, 47, 50) identify specific features on the plate:

- 1, 11, 23: Top edge holes
- 24, 34, 46: Middle row of holes
- 47, 50: Bottom edge holes

Technical drawing of the rear view of a 24-pin D-sub connector. The drawing shows a rectangular housing with 24 pins arranged in two rows of 12. Pin numbers 12, 23, 24, 35, 47, 50, 34, and 46 are labeled. Dimensions include a total width of 21.03mm, a pin pitch of 2.54mm (0.100 inches), and a mounting hole diameter of 1.3mm. A note indicates "KEYING OPTION "B" SCALE 2:1".

Technical drawing of the front view of a 48-pin D-sub connector, Keying Option "D". The drawing shows a rectangular connector with 48 pins arranged in two rows of 24. The top row is labeled 1 to 23, and the bottom row is labeled 24 to 50. The drawing includes dimensions: overall width 23.03, pin pitch 2.103, and mounting hole spacing 1.15 ± 0.05. A detail view of the mounting hole shows a diameter of 1.4 ± 0.1. The drawing also shows the keying options -B- and -C-.

Technical drawing of the rear view of a 50-pin connector. The drawing shows a rectangular housing with 50 pins arranged in two rows of 25. Pin numbers 1 through 50 are labeled around the perimeter. Dimensions include a total width of 21.03, a pin pitch of 23.03, and a mounting hole diameter of 1.3 with a tolerance of +0.30/-0.15. A feature control symbol indicates a circular runout of 0.10 M on the mounting surface. A note specifies "KEYING OPTION "E" SCALE 2:1" and "2X R" for the radius of the mounting holes.

[illegible]

Technical drawing of a mechanical part, likely a bracket or support, showing a cross-section. The drawing includes the following dimensions and callouts:

- Top Section:**
 - Overall width: 20 ± 0.1
 - Distance from left face to centerline: 15.19
 - Two holes: 2×9.57
 - Callout: SEE DETAIL C
- Left Section:**
 - Height from top face to centerline: $19.17^{+0.3}_0$ TSP
 - Callout: -C-
- Right Section:**
 - Callout: SEE DETAIL D
 - Four holes: 4×0.85
 - Four holes: 4×2.97
 - Two holes: 2×4.82
- Bottom Section:**
 - Two holes: 2×11.46
 - Two holes: 2×12.8
 - Two holes: 2×14.96
 - Two holes: 2×16.3
 - Two holes: 2×18.92
 - Two holes: 2×0.64

—SEE DETAIL C

— SEE DETAIL D

Technical drawing showing two views of a mechanical part, labeled DETAIL D and DETAIL C.

DETAIL D (Top View):

- Overall width: $3X \ 6.74$
- Distance from left edge to first vertical feature: 2.04
- Distance between two vertical features: 8.15
- Overall length: 25.72
- Feature labels: $\phi \text{ OF } -C-$, $R11.11$, $R11.11$, $R11.11$
- Angles: 20° , 20° , 36° , 20°
- Surface texture symbol: $0.15 \sqrt{\text{A C}}$
- Section line: $-A-$
- Text: **DETAIL D**, SCALE 6:1, TYP. 2 PLCS.

DETAIL C (Bottom View):

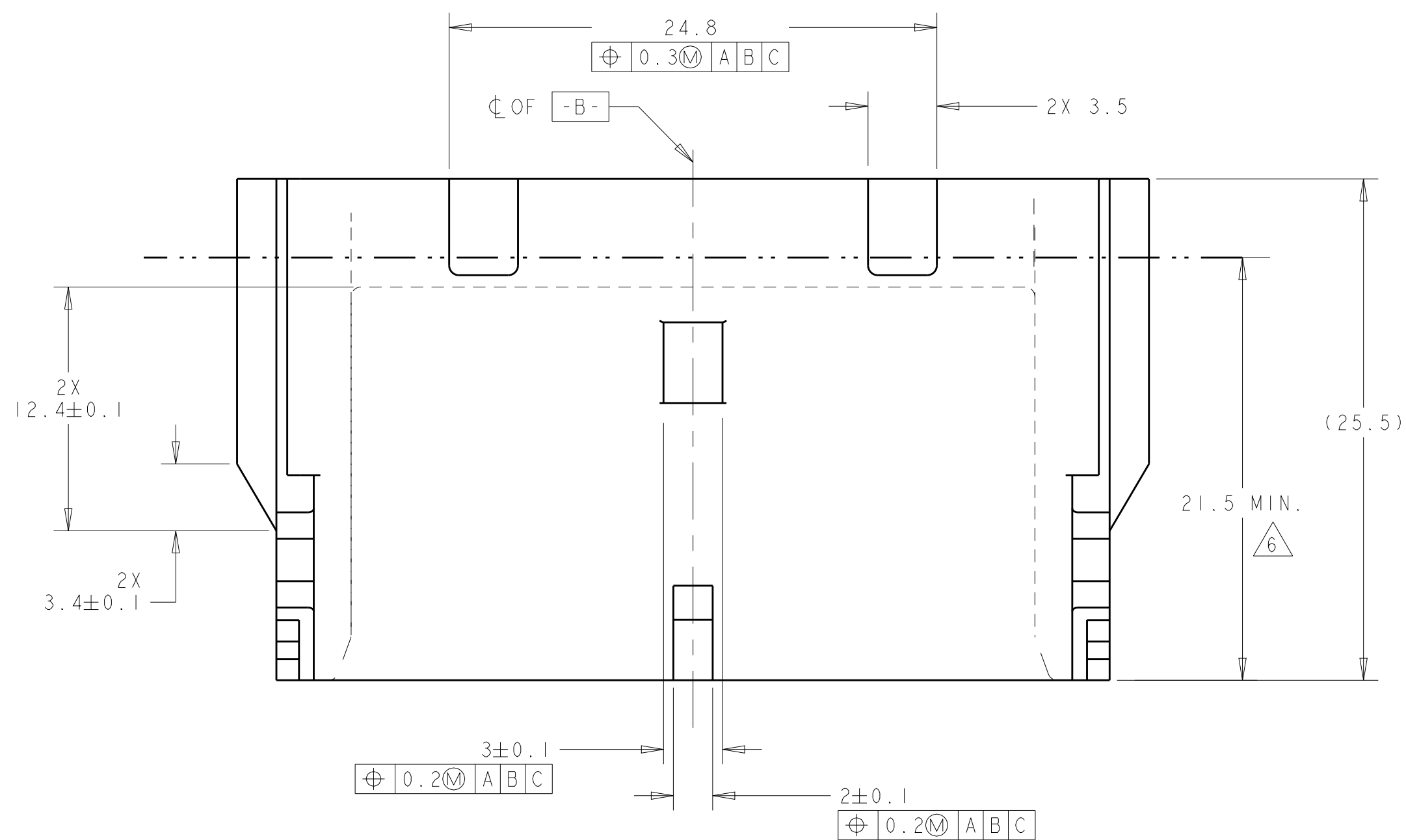
- Overall width: 5.9 ± 0.1
- Distance from left edge to first vertical feature: 1.8 ± 0.1
- Distance between two vertical features: $2X \ 0.6 \pm 0.1$
- Distance from left edge to third vertical feature: 2.2 ± 0.1
- Distance from left edge to fourth vertical feature: (4.81)
- Distance from left edge to fifth vertical feature: 1 ± 0.1
- Angles: 60° , 18°
- Text: **DETAIL C**, SCALE 6:1

Additional notes:

- BREAK SHARP EDGES
- $0^\circ 44' \text{ MAX. DRAFT PERMISSIBLE ON THIS SURFACE}$

DETAIL D
SCALE 6:1
TYP. 2 PLCS

DETAIL C
SCALE 6:1

4805 (3/13)

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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