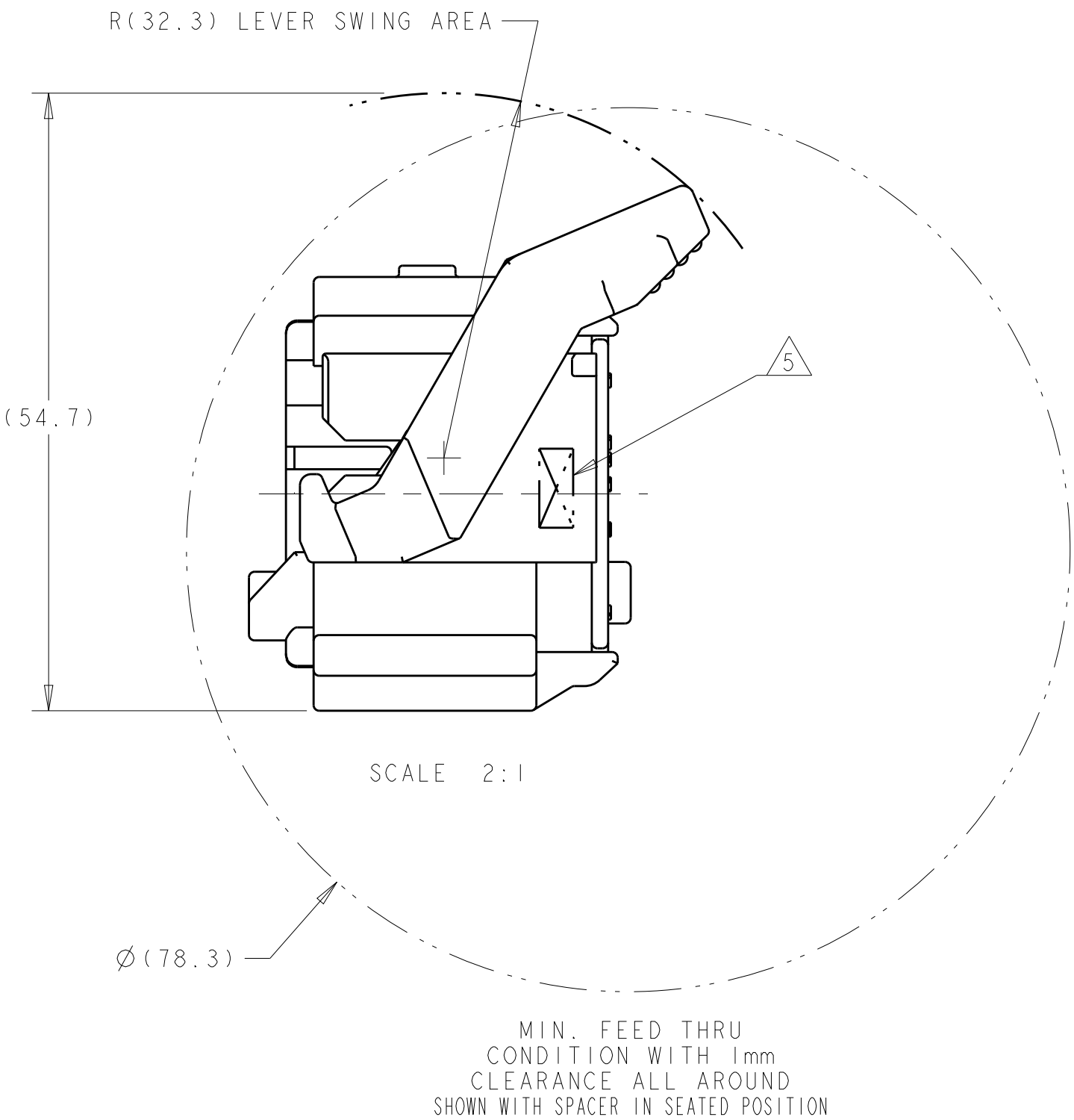




1438129-1
SHOWN WITH SPACER
IN SEATED POSITION

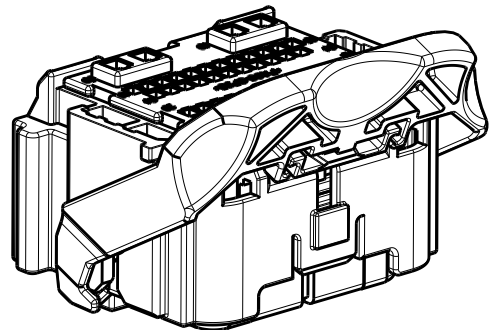
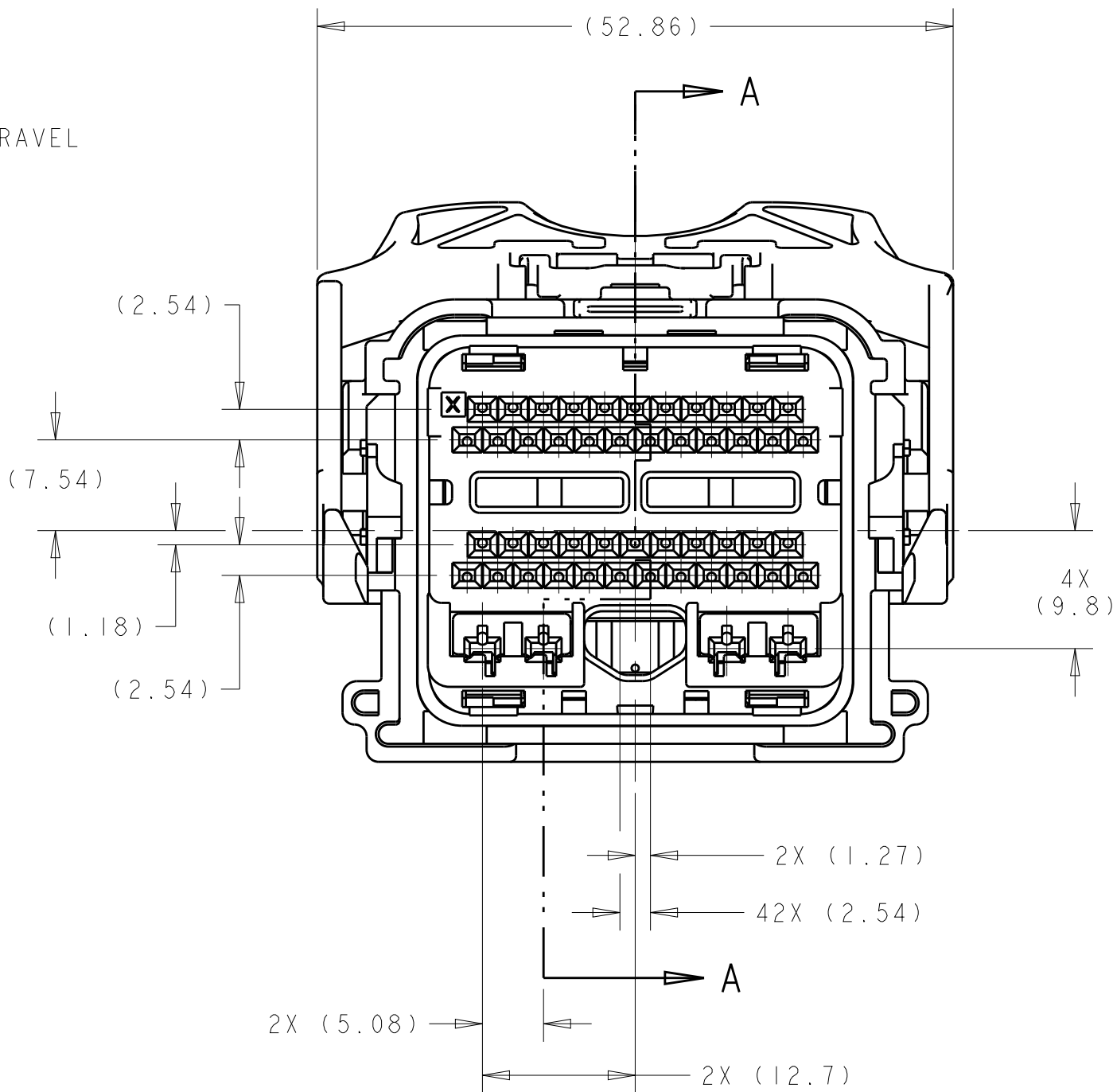


REVISIONS					
P.	LTR	DESCRIPTION	DATE	DWN	APVD
F32		REVISED PER ECO-16-003418	08MAR2016	DLD	DCM
F33		REVISED PER ECO-16-018427	25JAN2017	DLD	DCM
F34		REVISED PER ECO-17-007768	30MAY2017	DLD	DCM
F35		REVISED PER ECO-17-014872	24OCT2017	JMS	CM

- 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.



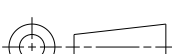
SECTION A-A
SPACER AND LEVER IN
PRE-SEATED POSITION
(DELIVERY CONDITION)



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 15APR2005		TE TE Connectivity 50-WAY HARNESS ASSEMBLY, PCM		SEE TABLES SHEETS 3 THRU 7					
				CHK 15APR2005						PART NUMBER			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 15APR2005						NAME			
mm		0 PLC ±.3		PRODUCT SPEC						SIZE			
		1 PLC ±0.10		APPLICATION SPEC						CAGE CODE			
		2 PLC ±.1		WEIGHT						DRAWING NO			
		3 PLC ±.1		CUSTOMER DRAWING						SCALE			
		4 PLC ±.1		SCALE						SHEET			
ANGLES		FINISH		REV						OF		REF	
-		-		-						1:1		10	
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-		-		-		1:1		10					
-													

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



1438129-1
KEYING OPTION "A"



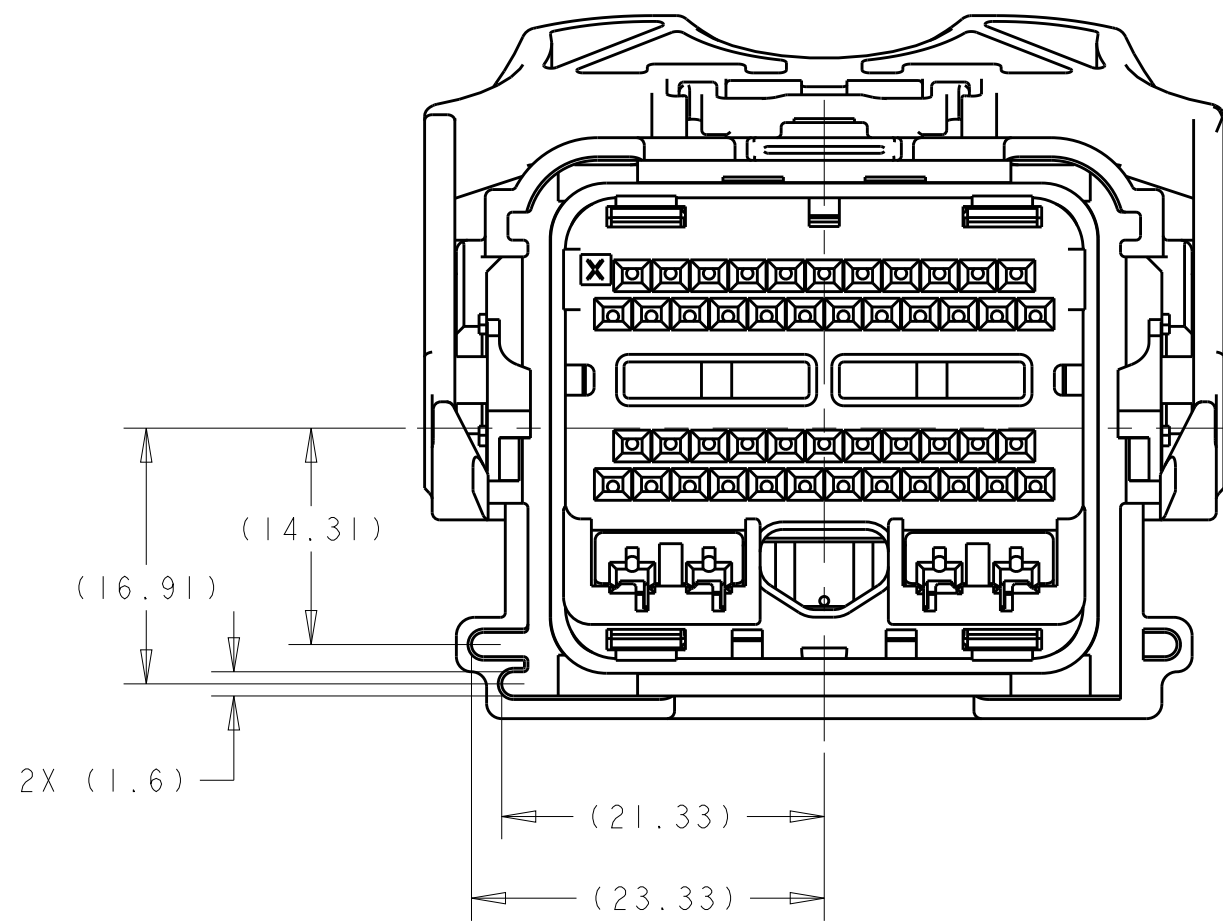
1438129-2
KEYING OPTION "B"



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:

±
±0.3
±0.10
±
±
#1°

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

DWN
CHK
T. VALASEK

15APR2005

NAME
50-WAY HARNESS ASSEMBLY,
PCM
-

SIZE
A1

CAGE CODE
100779

DRAWING NO
C=1438129

RESTRICTED TO
-

SCALE
1:1

SHEET
4

OF
10

REV
F35

TE Connectivity

50-WAY HARNESS ASSEMBLY,
PCM
-

[illegible]

REVISIONS				
P.	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.

DWN
R. VESTAL

CHK
T. VALASEK

APVD
T. VALASEK

15APR2005

15APR2005

15APR2005

DIMENSIONS:
mm

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC

±0.3
±0.10
±
±
±1*

MATERIAL

-
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±0.3
±0.10
±
±
±1*

FINISH

-
-

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE

TE Connectivity

NAME

50-WAY HARNESS ASSEMBLY, PCM

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

©=1438129

-

SCALE

1:1

SHEET

7

OF

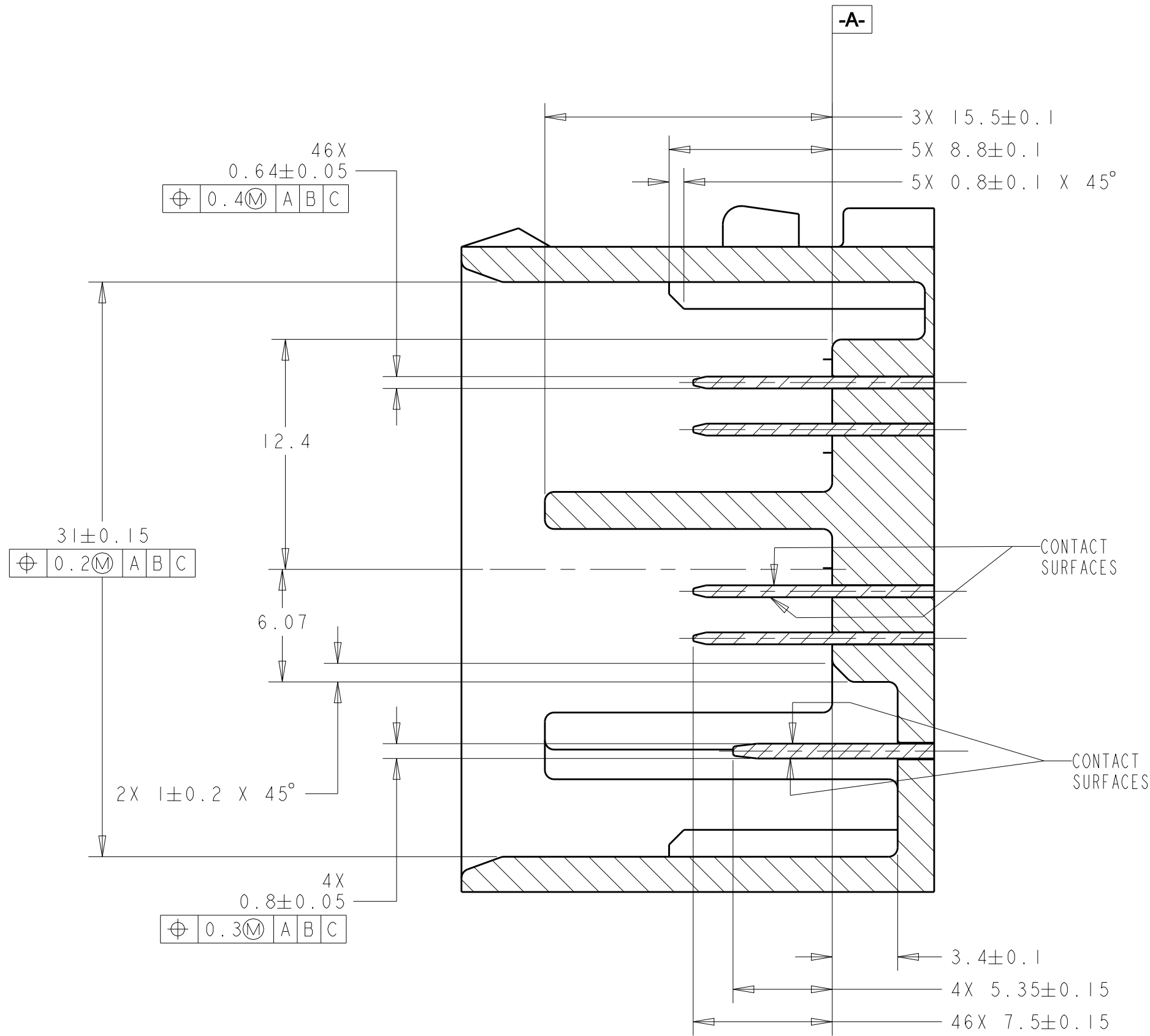
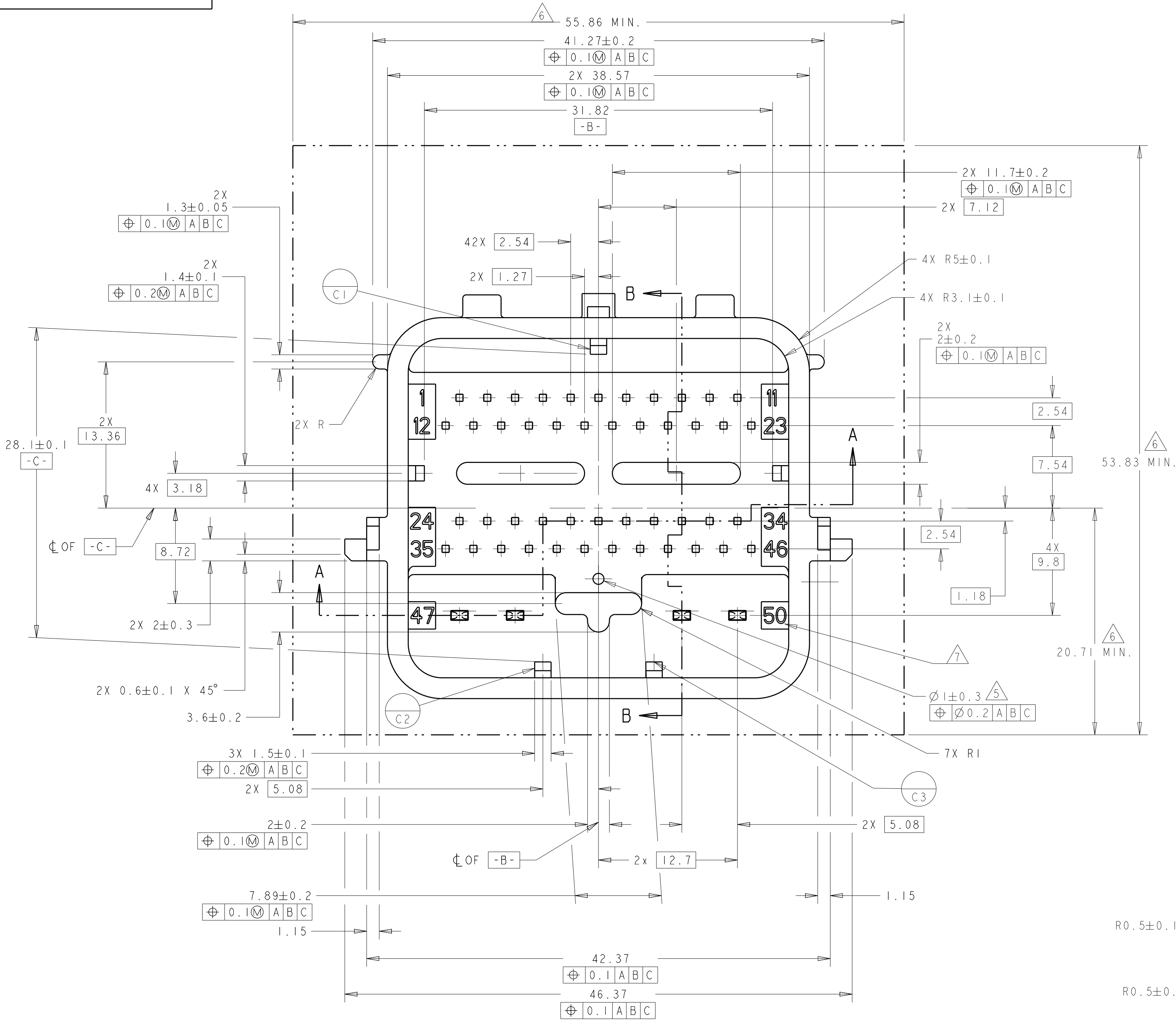
10

REV

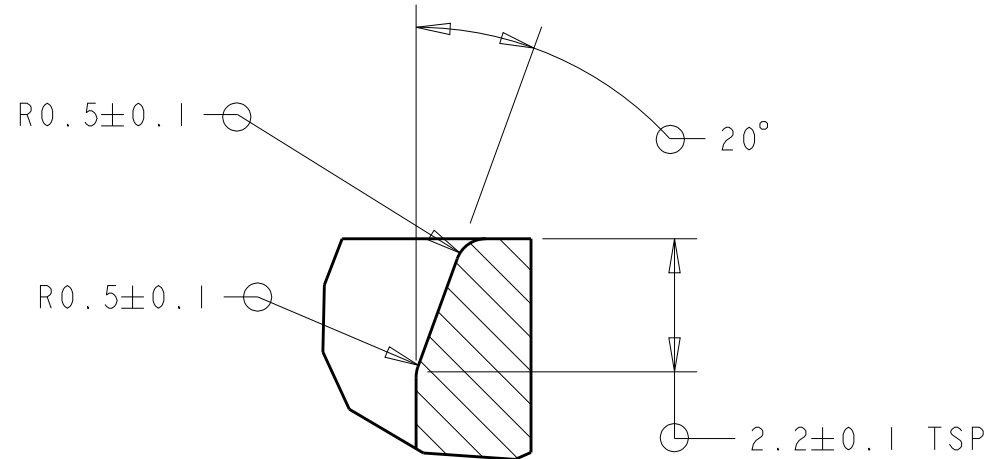
F35



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	
0 PLC ±0.3	1 PLC ±0.10	PRODUCT SPEC	50-WAY HARNESS ASSEMBLY, PCM	
2 PLC ±0.10	3 PLC ±0.10	APPLICATION SPEC	-	
4 PLC ±0.10	ANGLES ±1°	WEIGHT	SIZE CAGE CODE DRAWING NO	
MATERIAL	FINISH	CUSTOMER DRAWING	A100779C=1438129	
RESTRICTED TO		SCALE 1:1	SHEET 9 OF 10	REV F35

HEADER INTERFACE KEYING OPTIONS

REVISIONS				
P	LTR	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	100779
	1 PLC ±0.10	APPLICATION SPEC	CAGE CODE	1438129
	2 PLC ±0.10	WEIGHT	DRAWING NO	10
	3 PLC ±0.10	CUSTOMER DRAWING	RESTRICTED TO	F35
	4 PLC ±0.10			
MATERIAL	FINISH			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[3-1924783-5](#)