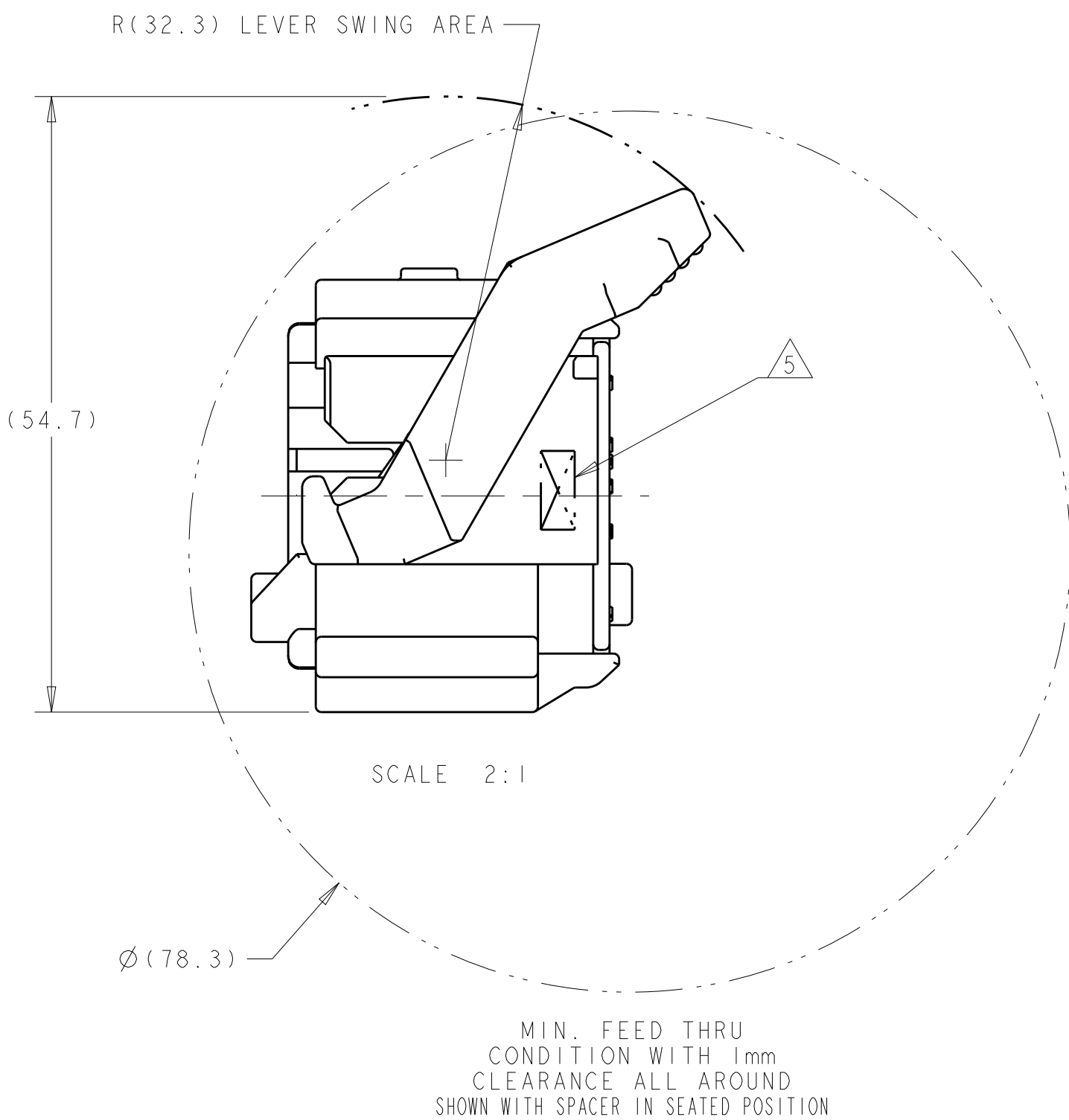




1438129-1
SHOWN WITH SPACER
IN SEATED POSITION



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

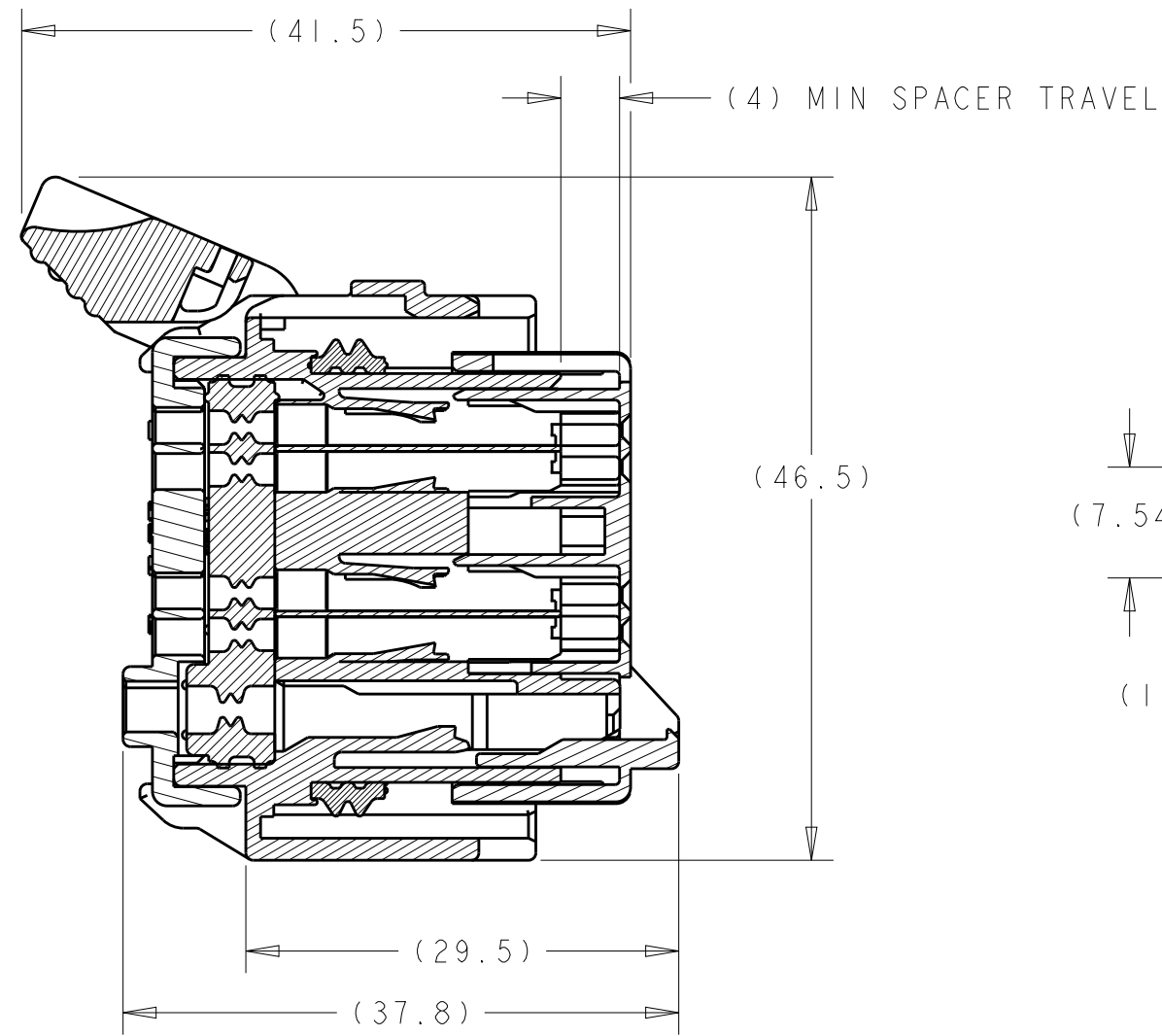
PRINT PART NUMBER (5S4T-14A464-L*-***, 5S4T-14A464-M*-***, 5S4T-14A464-N*-***) AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE IN THE LOCATION AT ASSEMBLY. SEE SHEET 3 THRU 7 (-*) PART NUMBERS.
2.

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

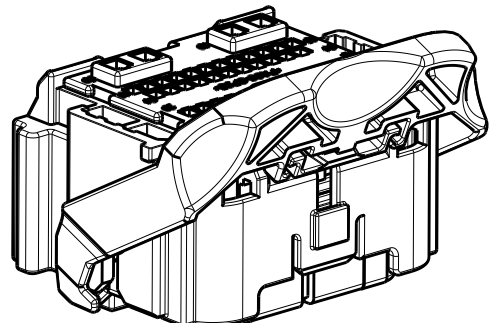
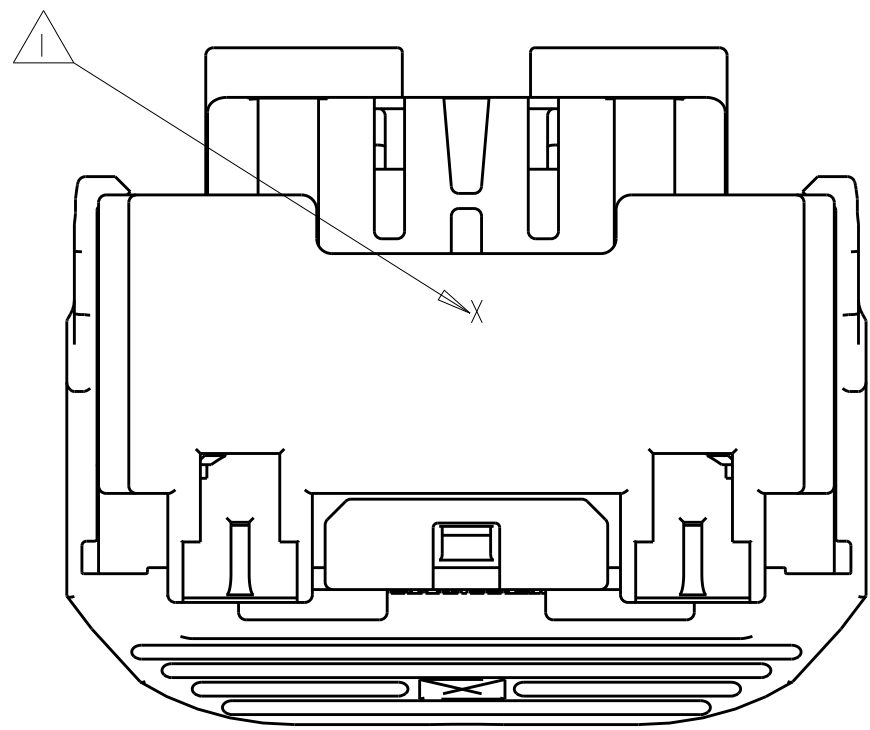
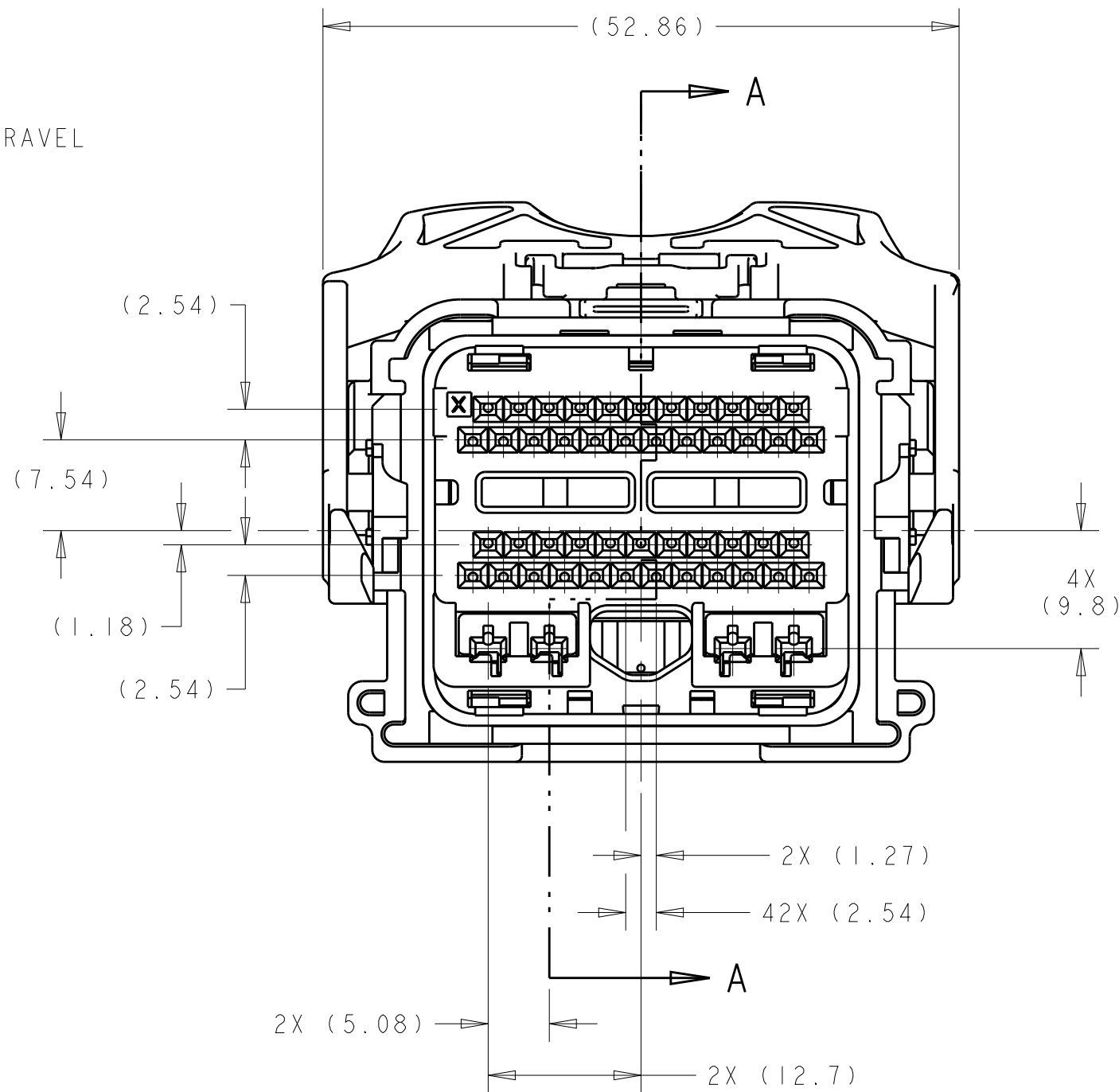
CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
4.

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 TE Connectivity 50-WAY HARNESS ASSEMBLY, PCM	
			CHK T. VALASEK 15APR2005			
APVD T. VALASEK 15APR2005		NAME				
PRODUCT SPEC		SIZE				
APPLICATION SPEC		CAGE CODE		DRAWING NO		
WEIGHT		A100779		C=1438129		
CUSTOMER DRAWING		SCALE		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:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME 50-WAY HARNESS ASSEMBLY, PCM	
mm					
		0 PLC ±		PRODUCT SPEC - APPLICATION SPEC -	
		1 PLC ±0.3			
		2 PLC ±0.10			
		4 PLC ±			
		4 PLC ±			
ANGLES		° ±		SIZE CASE CODE DRAWING NO A1 00779 C 1438129	
FINISH				RESTRICTED TO	
MATERIAL				WEIGHT -	
				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
00779

DRAWING NO
1438129

RESTRICTED TO
-

SCALE
1:1

SHEET
4

OF
10

REV
F35

TE Connectivity

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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REVISIONS

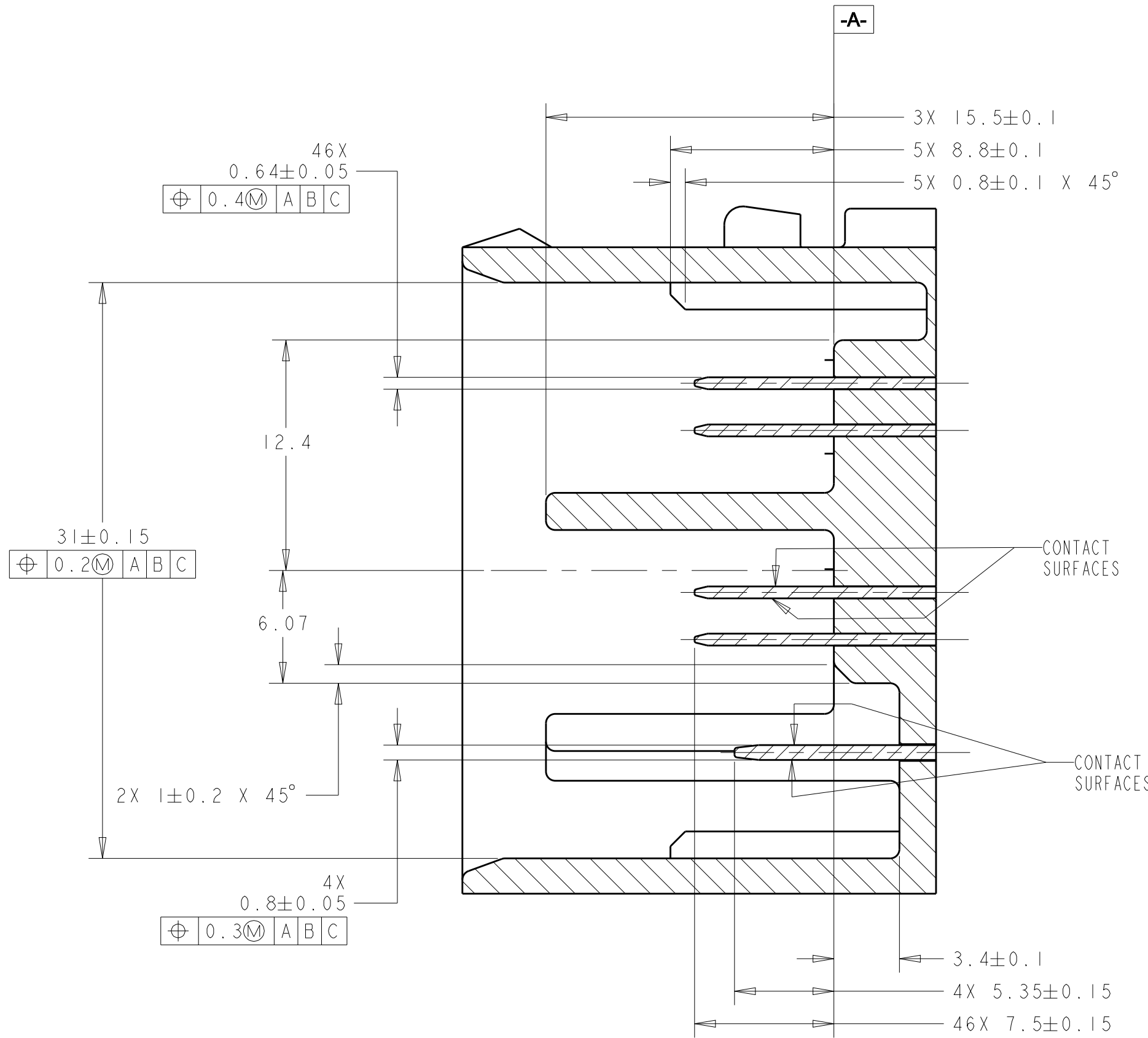
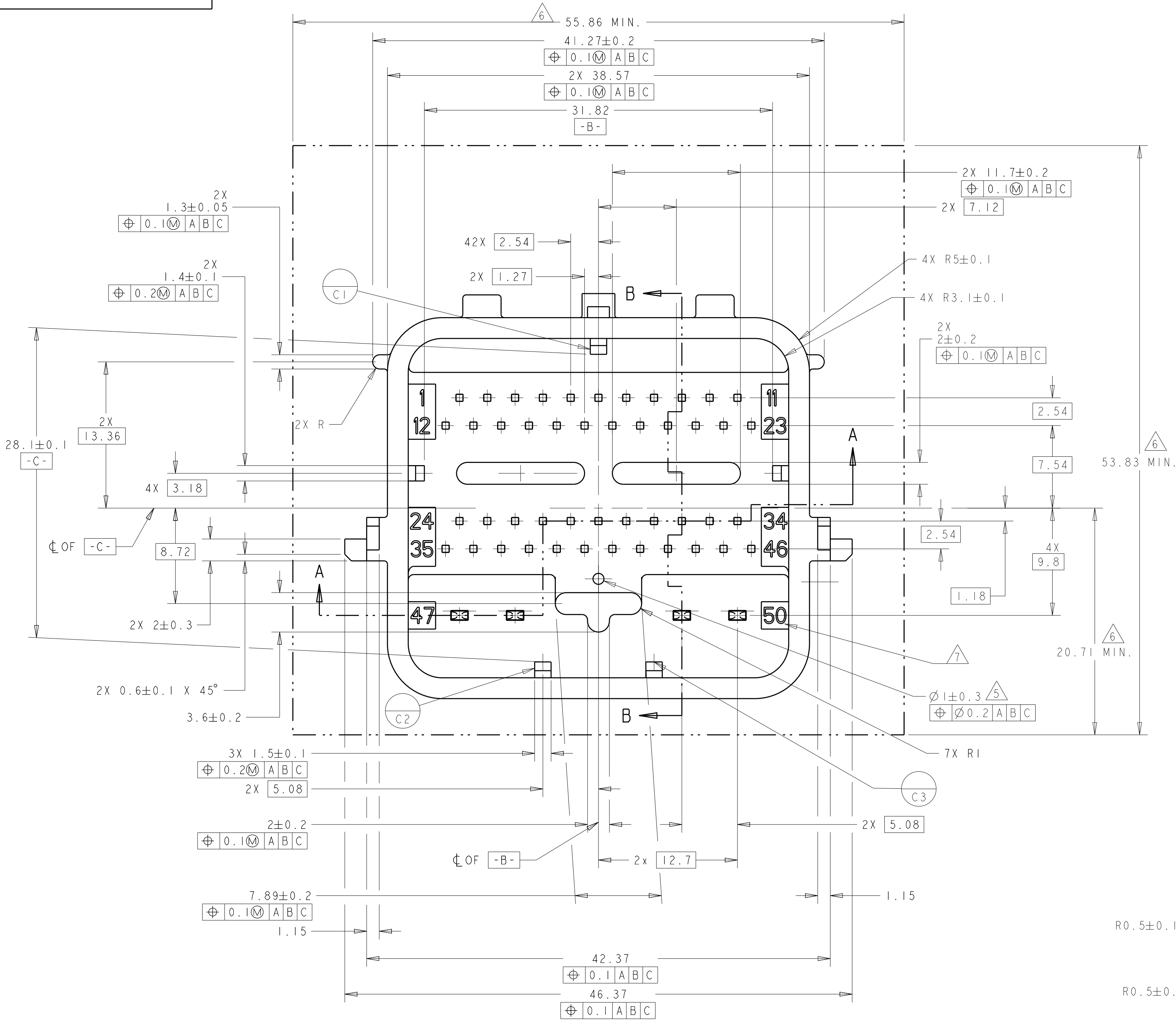
P	LYR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

KEYING OPTION C

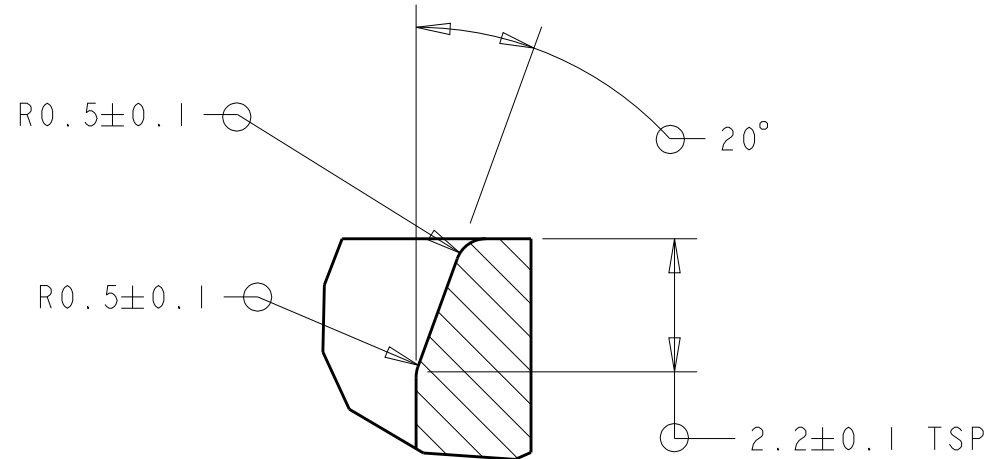
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	49	48		46							38	37	36							29	28	27	26	25	24	23	22	21	20			17	15		13	11	10	9		7	6	5	4	3	2		1-1924783-1	5S4T-14A464-NA-094			
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SCALE 2:1



SECTION B-B



DETAIL E
SCALE 8:1

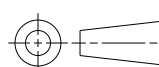
NOTES: UNLESS OTHERWISE SPECIFIED

- 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

HEADER INTERFACE KEYING OPTIONS

REVISIONS					
P	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 ±0.3	PRODUCT SPEC	SIZE A100779	
	1 PLC ±0.10	APPLICATION SPEC		
MATERIAL	FINISH	WEIGHT	CAGE CODE 1438129	
CUSTOMER DRAWING		SCALE 1:1		SHEET 10 OF 10

Mouser Electronics

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[TE Connectivity:](#)

[3-1924783-9](#)