



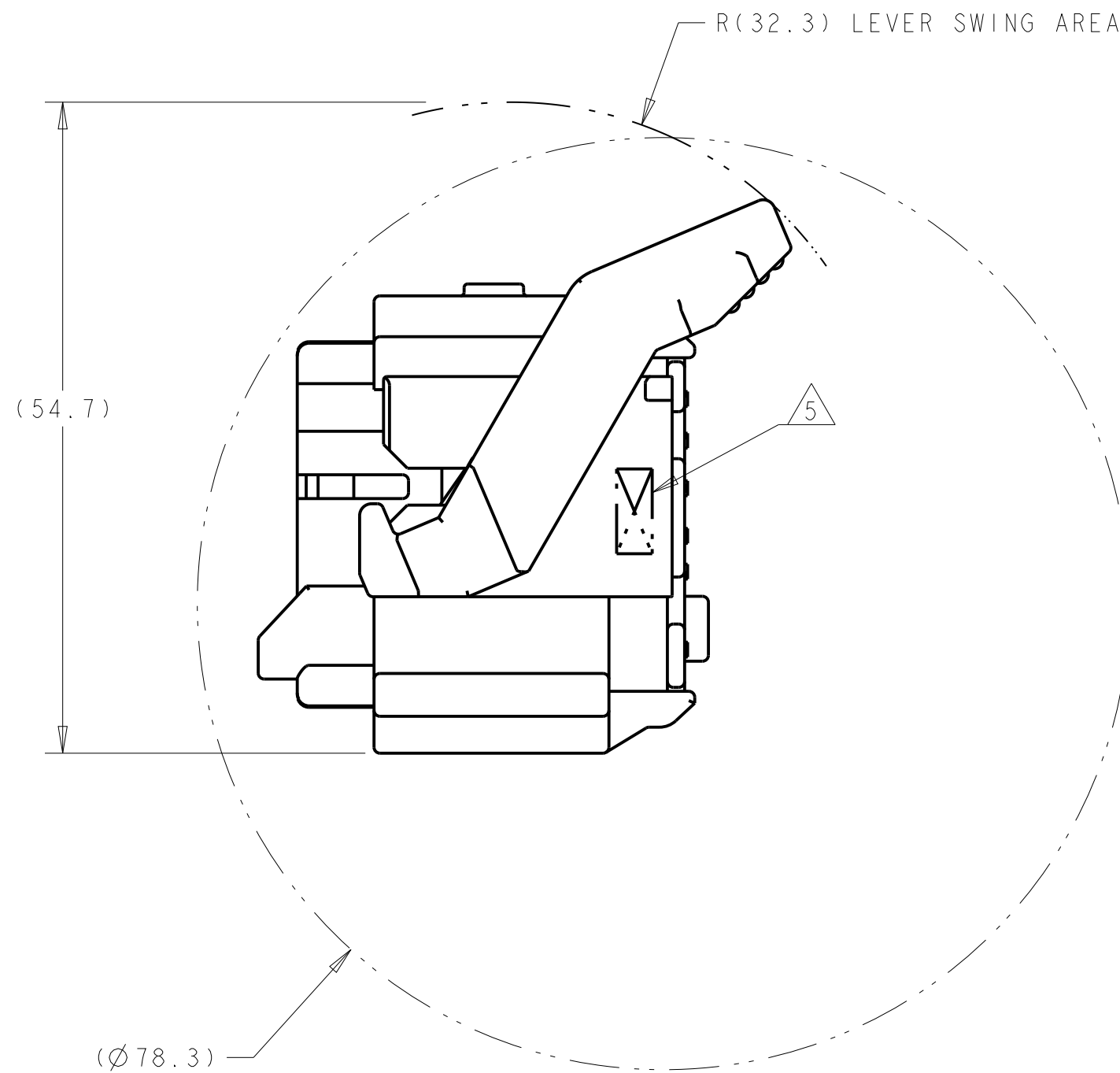
PART NUMBER:
1438136-1
SHOWN WITH SPACER
IN SEATED POSITION



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



SHOWN WITH CAM
LEVER AND SPACER
IN LOADED POSITION



MIN. FEED THRU CONDITION
WITH 1mm CLEARANCE ALL AROUND
SHOWN WITH SPACER IN SEATED POSITION

REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	APVD.
G45		REVISED PER ECO-13-011449	16JUL2013	DLD	DCM
G46		REVISED PER ECO-14-007153	19MAY2014	DLD	DCM
G47		REVISED PER ECO-14-014965	09OCT2013	DLD	DCM

1. PRINT FORD PART NUMBER (SEE ATTACHED CHARTS) AND TRACEABILITY CODE (YY = 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR) IN THIS LOCATION AT ASSEMBLY. SEE SHEETS 3, 4 AND 5 (-*) 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 INSTRUCTION SHEET 408-8893.

△ COMPANY LOGO.

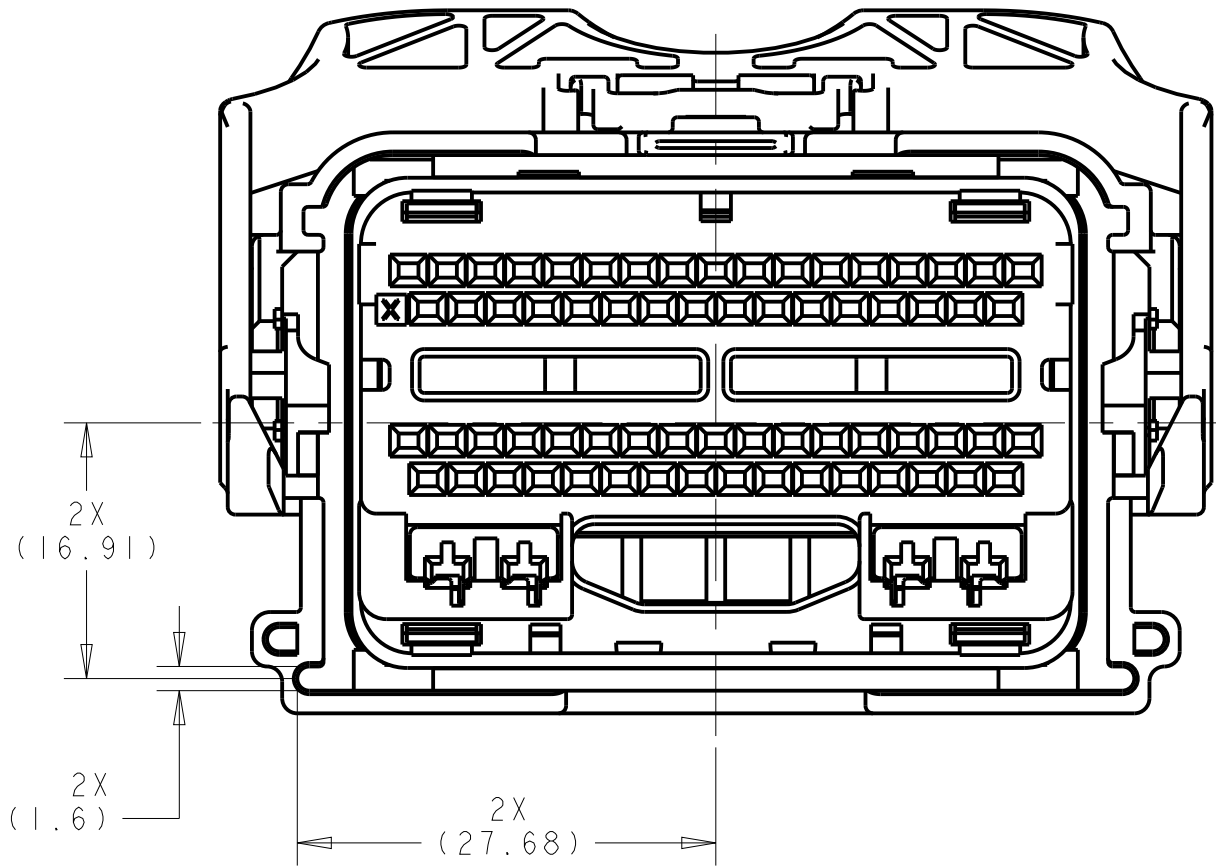
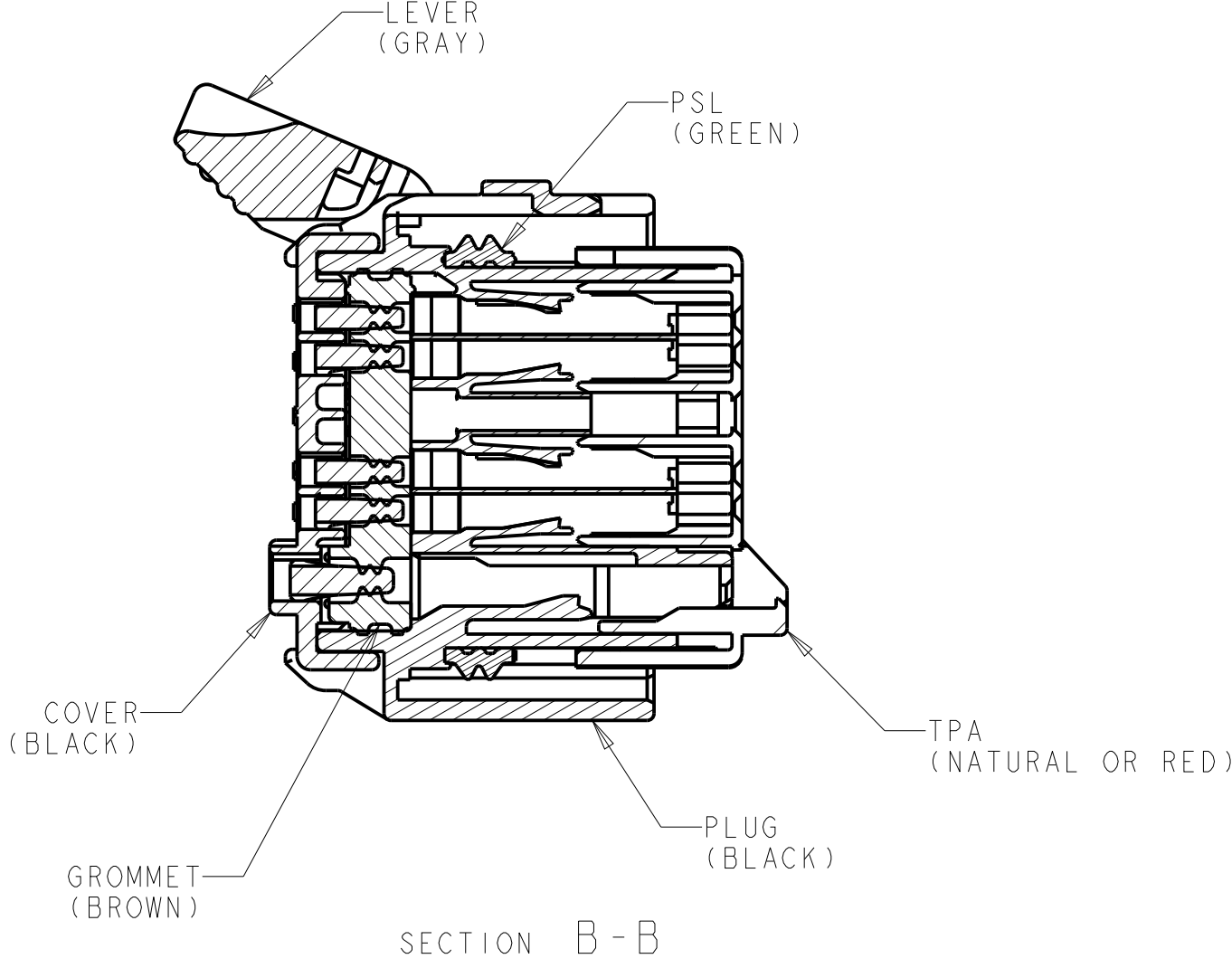
APPLICABLE COMPONENTS (FOR REFERENCE ONLY)

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

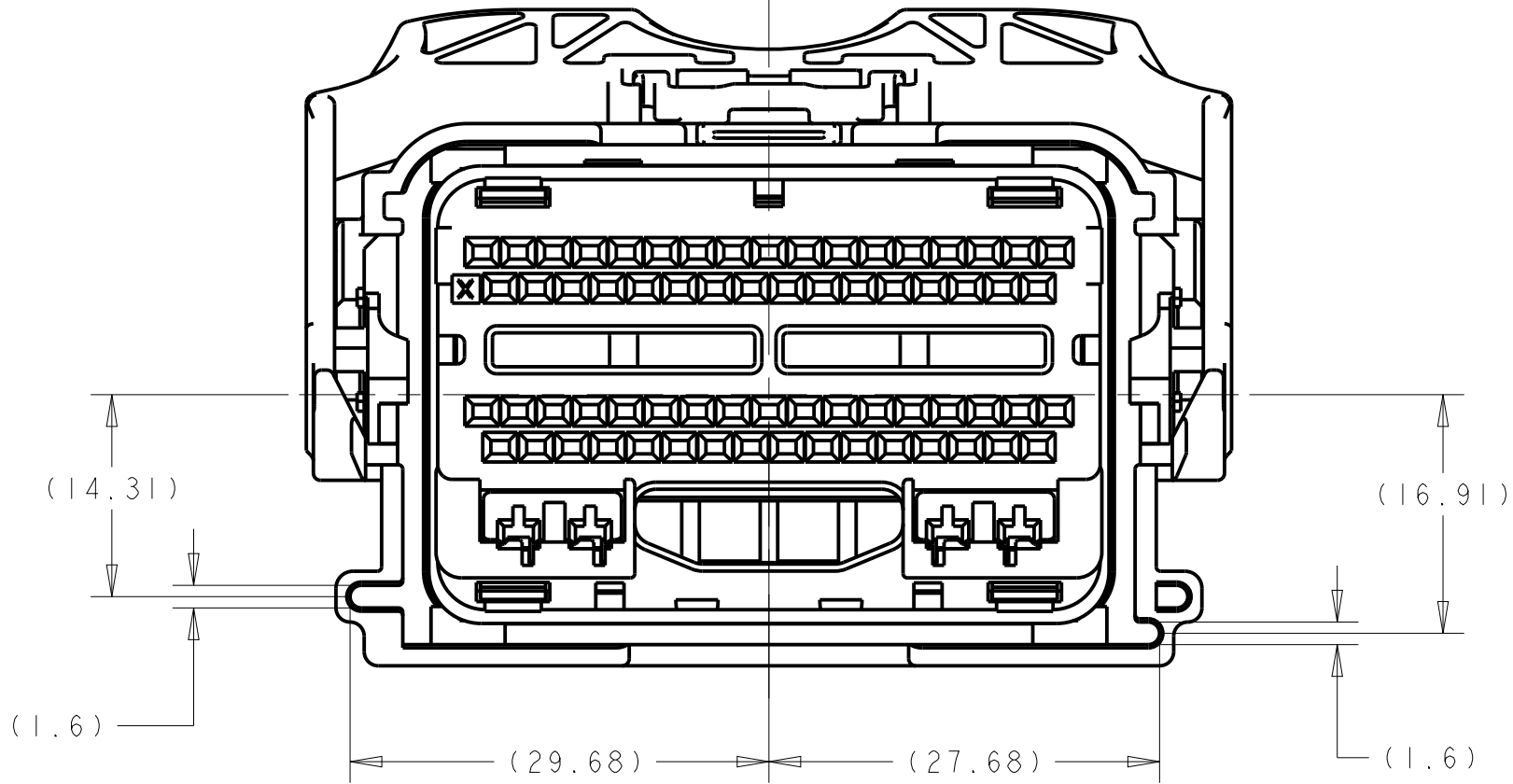
SEE SHEETS 3 THRU 7
PART NUMBER

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	
	0 PLC ±.3	PRODUCT SPEC	70-WAY HARNESS ASSEMBLY	
	1 PLC ±0.10	APPLICATION SPEC		
MATERIAL	FINISH	WEIGHT	SIZE	CAGE CODE
-	-	-	A100779	1438136
CUSTOMER DRAWING		SCALE	2:1	SHEET 1 OF 11

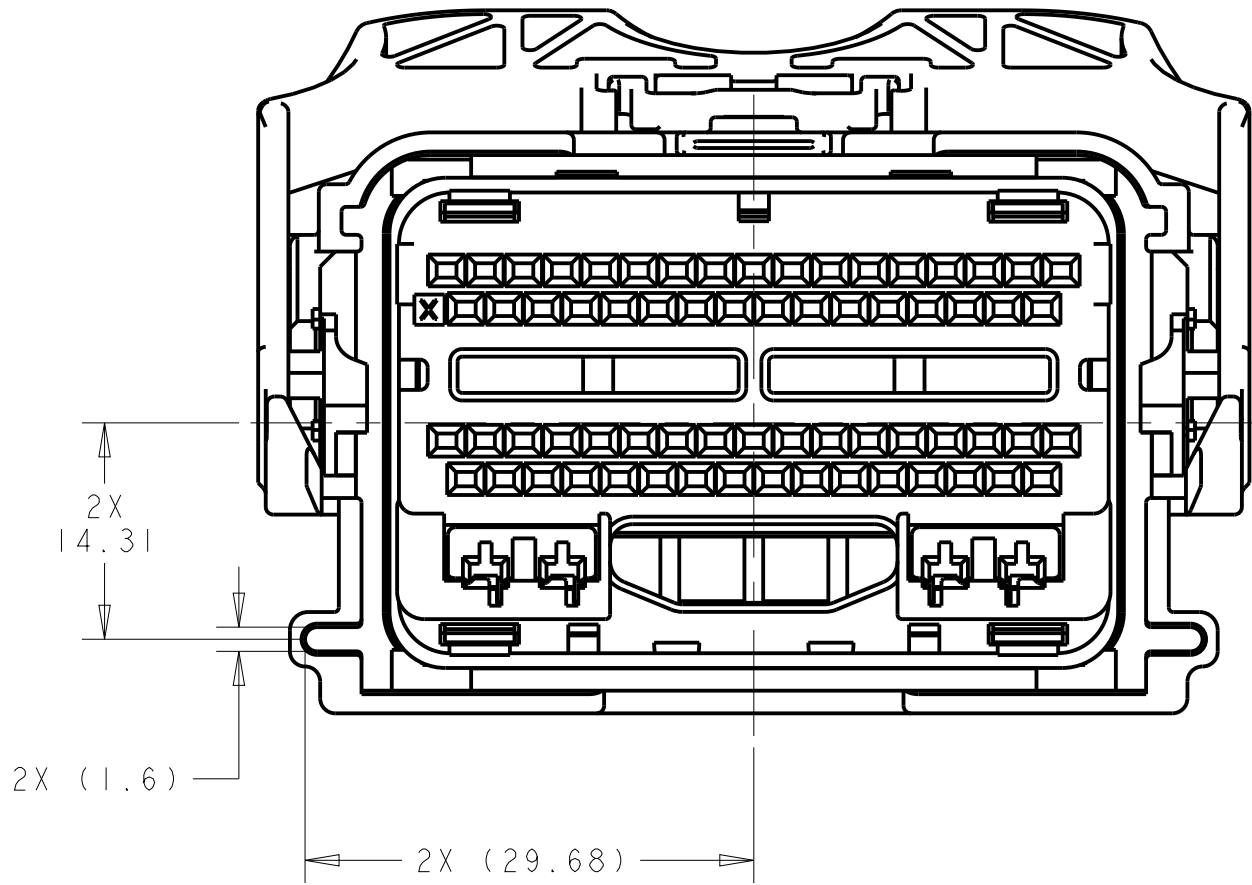
REVISIONS				
P.	LTR.	DESCRIPTION	DATE	OWN APVD
-	-	SEE SHEET 1	-	-



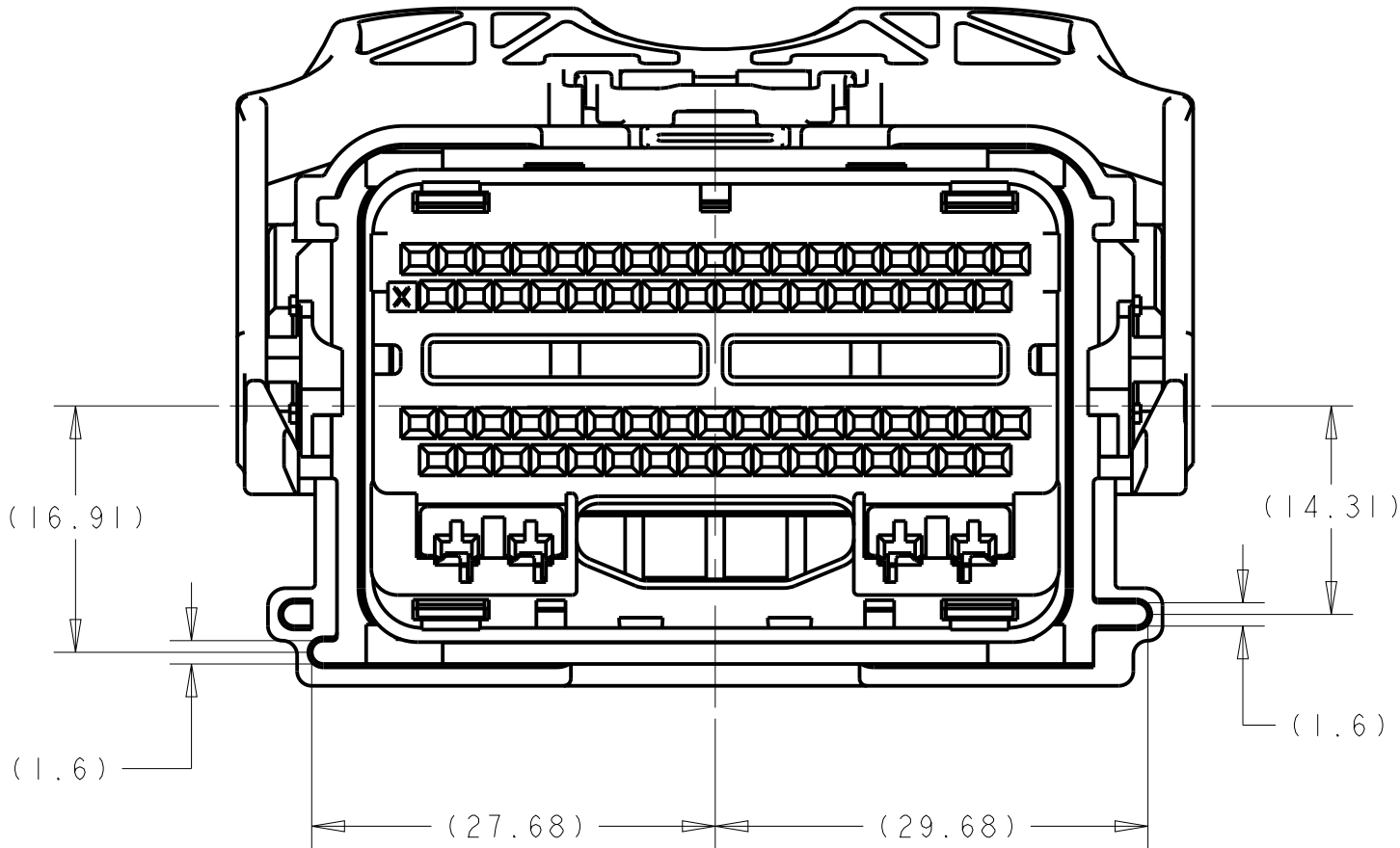
KEYING OPTION "A"



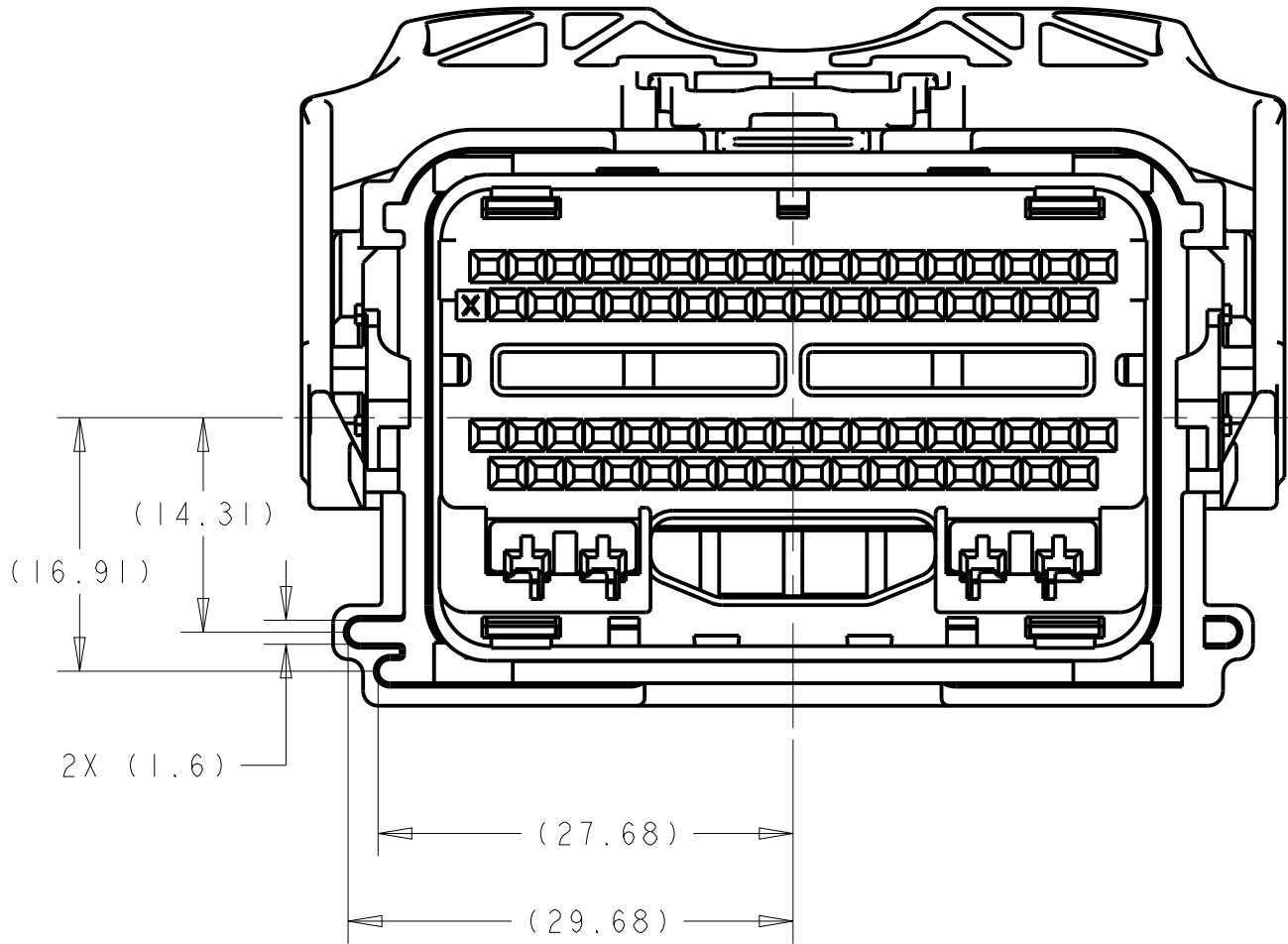
KEYING OPTION "B"



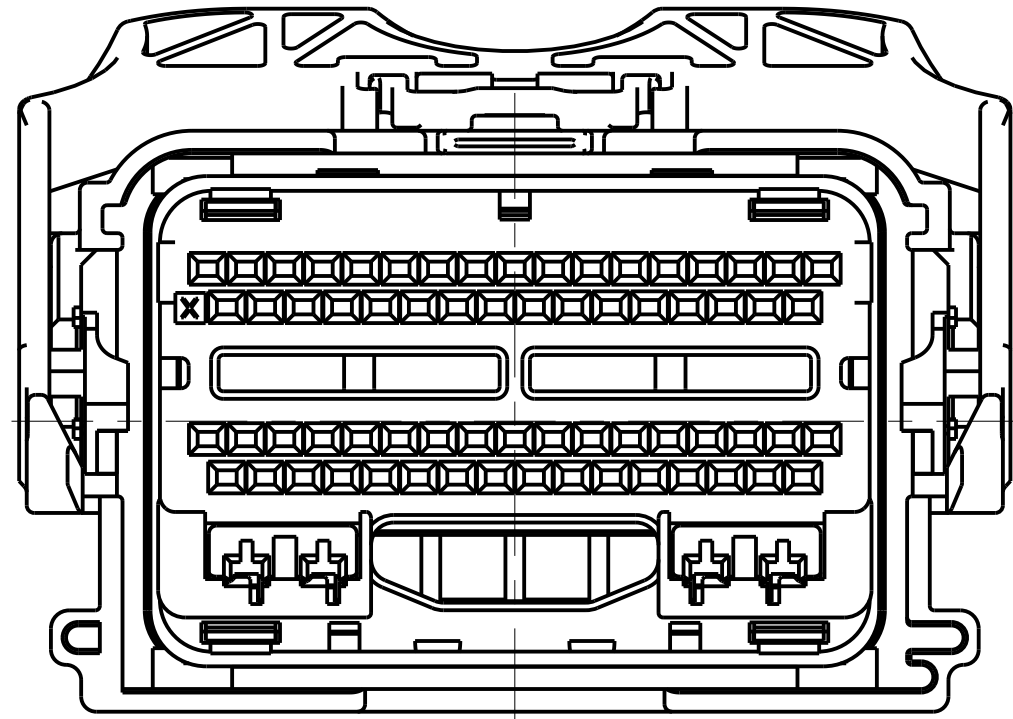
KEYING OPTION "C"



KEYING OPTION "D"



KEYING OPTION "E"



KEYING OPTION "F"

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 ±.3 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±. 4 PLC ±. ANGLES ±1° FINISH	PRODUCT SPEC		70-WAY HARNESS ASSEMBLY	
MATERIAL	-	APPLICATION SPEC		SIZE	RESTRICTED TO
-	-	WEIGHT	-	A100779C=1438136	-
-	-	CUSTOMER DRAWING		SCALE	SHEET
				2:1	2 OF 11

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RELEASED FOR PUBLICATION

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BY -

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REV

LYR

DESCRIPTION

DATE

DWN

APVD

-

SEE SHEET 1

-

-

-

KEYING OPTION A

CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS

BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS

TERMINAL HOLE POSITION

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5L3T-14A464-D* 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

DR. VESTAL

15APR2005

CHK

T. VALASEK

15APR2005

APVD

T. VALASEK

15APR2005

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

NAME

70-WAY HARNESS ASSEMBLY

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

©=1438136

-

SCALE

2:1

SHEET

3

OF

11

REV

647

4805 (3/13)

REVISIONS					
P.	LTR.	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

5L3T-14A464-E* 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

ANGLES

FINISH

±

±0.3

±0.10

±

±

±1°

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE

TE Connectivity

NAME

70-WAY HARNESS ASSEMBLY

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

©=1438136

SCALE

2:1

SHEET

5

OF

11

REV

647

REVISIONS					
#	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET I	-	-	-

KEYING OPTION D

[illegible]

8U5T-14A464-B* PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG DESIGNED BY V. VESTAL 15APR2005 CHK T. VALASEN 15APR2005 APPR T. VALASEN 15APR2005	 TE Connectivity	
DIMENSIONS: mm		NAME 70-WAY HARNESS ASSEMBLY		
		PRODUCT SPEC APPLICATION SPEC		
0 P L/C ± 1 P L/C ±0.3 2 P L/C ±0.10 3 P L/C ± 4 P L/C ± ANGLES FINISH ±°		SIZE CAGE CODE DRAWING NO A100779C-1438136		
MATERIAL - - -		RESTRICTED TO - - -		
CUSTOMER DRAWING		SCALE 2:1 SHEET 7 OF 11 REV 47		

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REVISIONS					
#	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET I	-	-	-

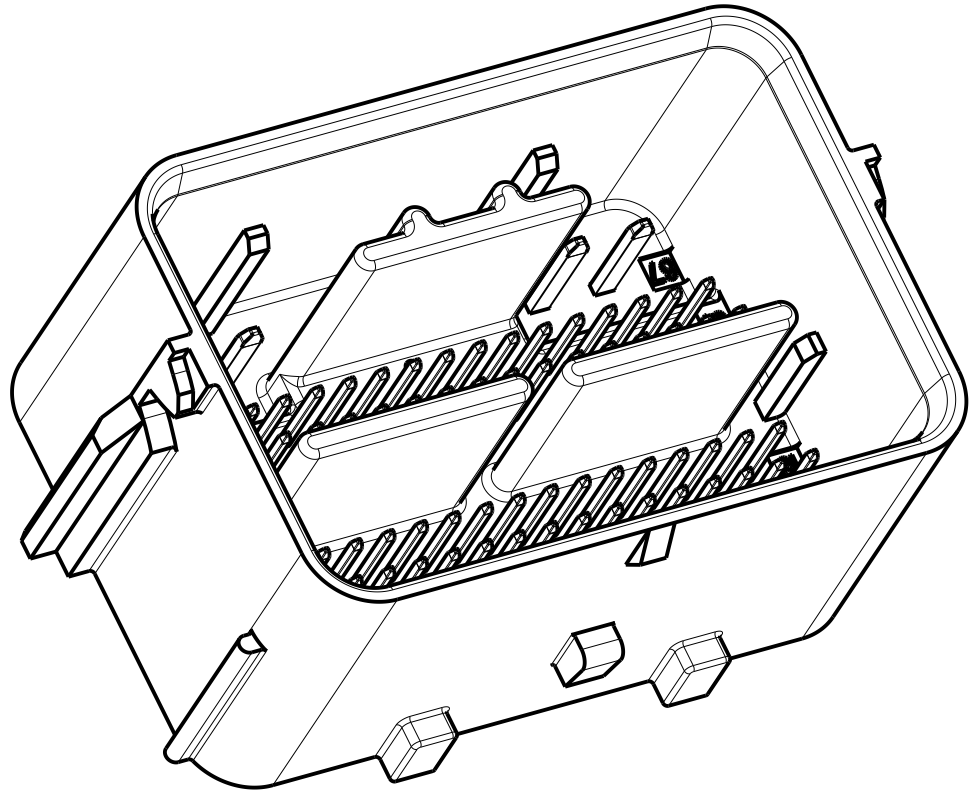
KEYING OPTION F

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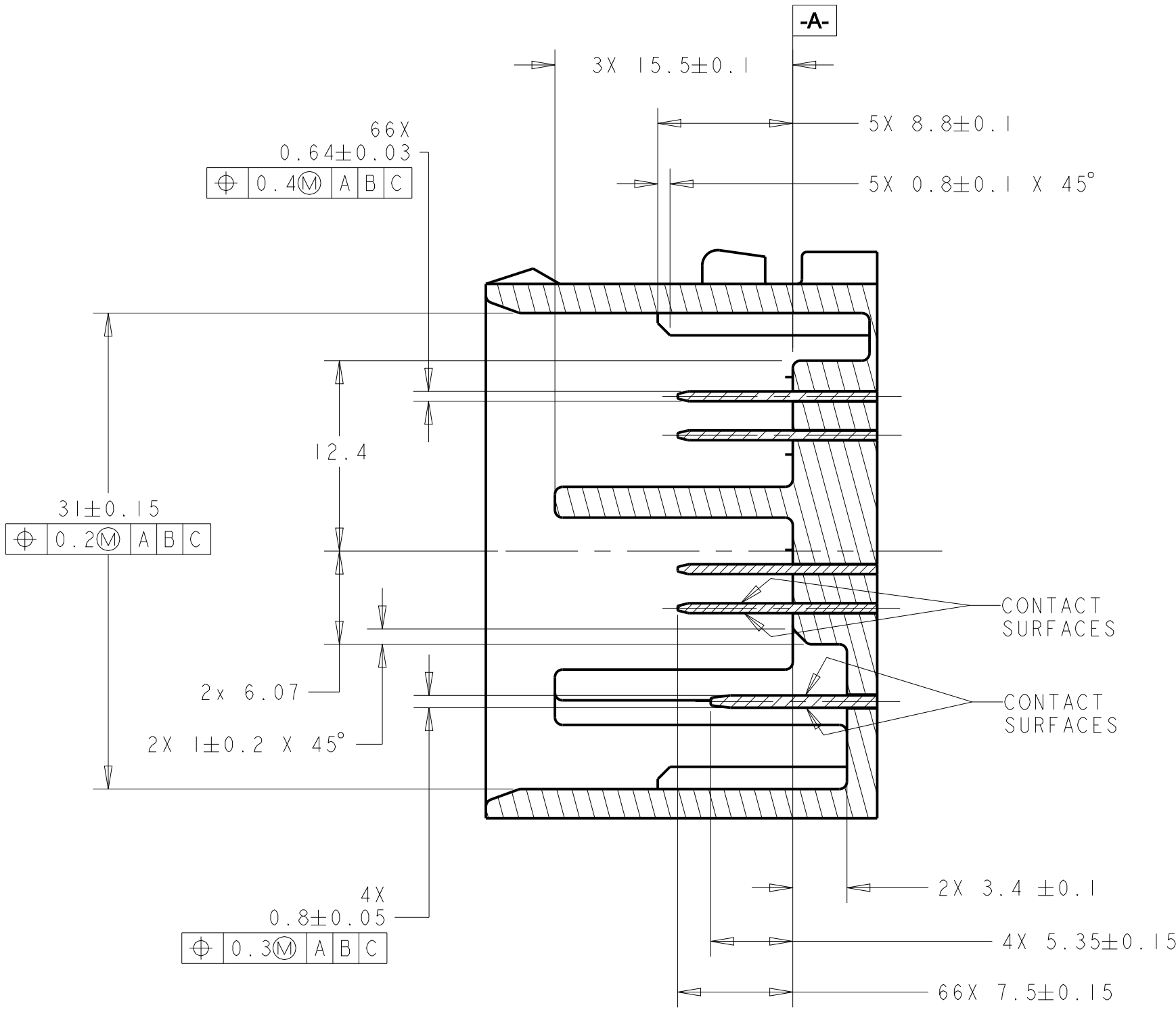
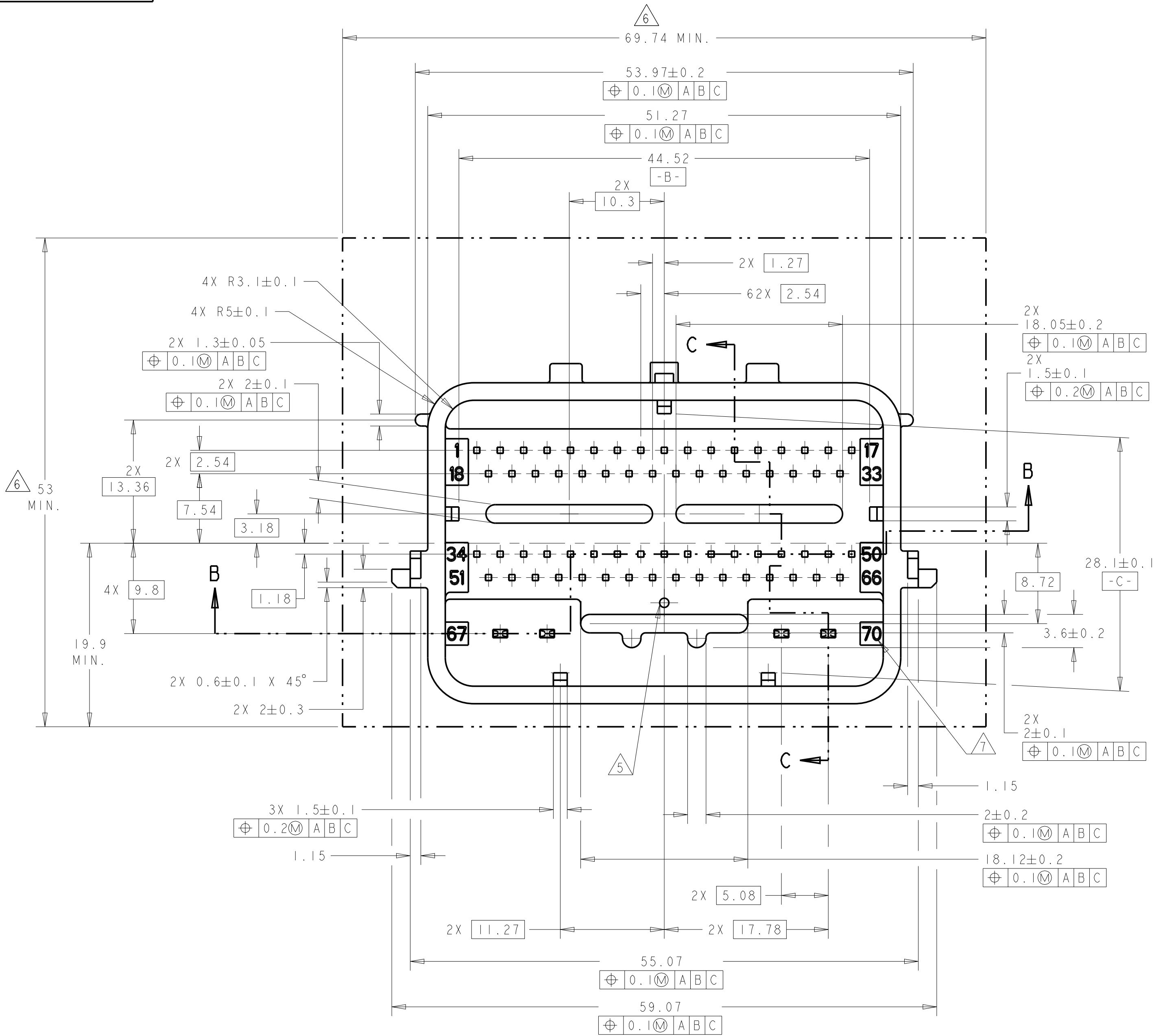
KEYING OPTION E

[illegible]

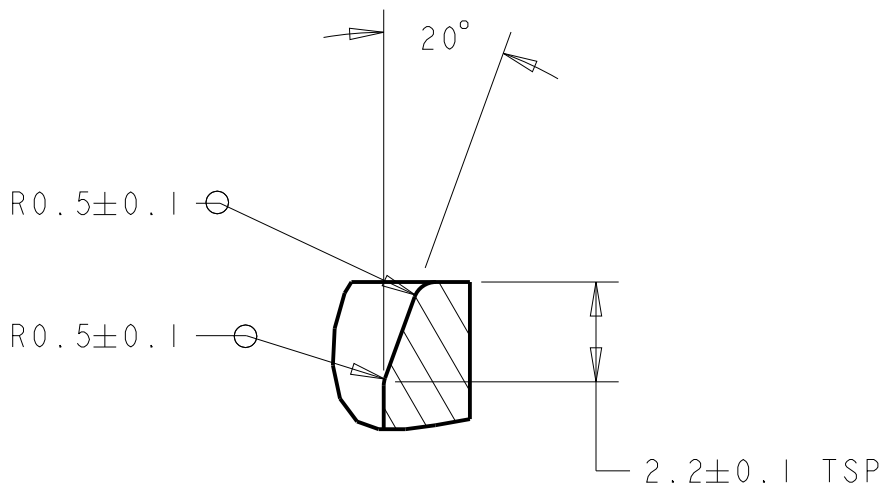
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RES. VESTAL 15APR2005 CHK T. VALASEK 15APR2005 APP'D T. VALASEK 15APR2005		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.0 .1 PLC ±.03 .2 PLC ±.04 .3 PLC ±.05 .4 PLC ±.06 .5 PLC ±.07 .6 PLC ±.08 .7 PLC ±.09 .8 PLC ±.10 .9 PLC ±.11 1.0 PLC ±.12 1.1 PLC ±.13 1.2 PLC ±.14 1.3 PLC ±.15 1.4 PLC ±.16 1.5 PLC ±.17 1.6 PLC ±.18 1.7 PLC ±.19 1.8 PLC ±.20 1.9 PLC ±.21 2.0 PLC ±.22 2.1 PLC ±.23 2.2 PLC ±.24 2.3 PLC ±.25 2.4 PLC ±.26 2.5 PLC ±.27 2.6 PLC ±.28 2.7 PLC ±.29 2.8 PLC ±.30 2.9 PLC ±.31 3.0 PLC ±.32 3.1 PLC ±.33 3.2 PLC ±.34 3.3 PLC ±.35 3.4 PLC ±.36 3.5 PLC ±.37 3.6 PLC ±.38 3.7 PLC ±.39 3.8 PLC ±.40 3.9 PLC ±.41 4.0 PLC ±.42 4.1 PLC ±.43 4.2 PLC ±.44 4.3 PLC ±.45 4.4 PLC ±.46 4.5 PLC ±.47 4.6 PLC ±.48 4.7 PLC ±.49 4.8 PLC ±.50 4.9 PLC ±.51 5.0 PLC ±.52 5.1 PLC ±.53 5.2 PLC ±.54 5.3 PLC ±.55 5.4 PLC ±.56 5.5 PLC ±.57 5.6 PLC ±.58 5.7 PLC ±.59 5.8 PLC ±.60 5.9 PLC ±.61 6.0 PLC ±.62 6.1 PLC ±.63 6.2 PLC ±.64 6.3 PLC ±.65 6.4 PLC ±.66 6.5 PLC ±.67 6.6 PLC ±.68 6.7 PLC ±.69 6.8 PLC ±.70 6.9 PLC ±.71 7.0 PLC ±.72 7.1 PLC ±.73 7.2 PLC ±.74 7.3 PLC ±.75 7.4 PLC ±.76 7.5 PLC ±.77 7.6 PLC ±.78 7.7 PLC ±.79 7.8 PLC ±.80 7.9 PLC ±.81 8.0 PLC ±.82 8.1 PLC ±.83 8.2 PLC ±.84 8.3 PLC ±.85 8.4 PLC ±.86 8.5 PLC ±.87 8.6 PLC ±.88 8.7 PLC ±.89 8.8 PLC ±.90 8.9 PLC ±.91 9.0 PLC ±.92 9.1 PLC ±.93 9.2 PLC ±.94 9.3 PLC ±.95 9.4 PLC ±.96 9.5 PLC ±.97 9.6 PLC ±.98 9.7 PLC ±.99 9.8 PLC ±.100 9.9 PLC ±.101 10.0 PLC ±.102 10.1 PLC ±.103 10.2 PLC ±.104 10.3 PLC ±.105 10.4 PLC ±.106 10.5 PLC ±.107 10.6 PLC ±.108 10.7 PLC ±.109 10.8 PLC ±.110 10.9 PLC ±.111 11.0 PLC ±.112 11.1 PLC ±.113 11.2 PLC ±.114 11.3 PLC ±.115 11.4 PLC ±.116 11.5 PLC ±.117 11.6 PLC ±.118 11.7 PLC ±.119 11.8 PLC ±.120 11.9 PLC ±.121 12.0 PLC ±.122 12.1 PLC ±.123 12.2 PLC ±.124 12.3 PLC ±.125 12.4 PLC ±.126 12.5 PLC ±.127 12.6 PLC ±.128 12.7 PLC ±.129 12.8 PLC ±.130 12.9 PLC ±.131 13.0 PLC ±.132 13.1 PLC ±.133 13.2 PLC ±.134 13.3 PLC ±.135 13.4 PLC ±.136 13.5 PLC ±.137 13.6 PLC ±.138 13.7 PLC ±.139 13.8 PLC ±.140 13.9 PLC ±.141 14.0 PLC ±.142 14.1 PLC ±.143 14.2 PLC ±.144 14.3 PLC 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±.545 54.4 PLC ±.546 54.5 PLC ±.547 54.6 PLC ±.548 54.7 PLC ±.549 54.8 PLC ±.550 54.9 PLC ±.551 55.0 PLC ±.552 55.1 PLC ±.553 55.2 PLC ±.554 55.3 PLC ±.555 55.4 PLC ±.556 55.5 PLC ±.557 55.6 PLC ±.558 55.7 PLC ±.559 55.8 PLC ±.560 55.9 PLC ±.561 56.0 PLC ±.562 56.1 PLC ±.563 56.2 PLC ±.564 56.3 PLC ±.565 56.4 PLC ±.566 56.5 PLC ±.567 56.6 PLC ±.568 56.7 PLC ±.569 56.8 PLC ±.570 56.9 PLC ±.571 57.0 PLC ±.572 57.1 PLC ±.573 57.2 PLC ±.574 57.3 PLC ±.575 57.4 PLC ±.576 57.5 PLC ±.577 57.6 PLC ±.578 57.7 PLC ±.579 57.8 PLC ±.580 57.9 PLC ±.581 58.0 PLC ±.582 58.1 PLC ±.583 58.2 PLC ±.584 58.3 PLC ±.585 58.4 PLC ±.586 58.5 PLC ±.587 58.6 PLC ±.588 58.7 PLC ±.589 58.8 PLC ±.590 58.9 PLC ±.591 59.0 PLC ±.592 59.1 PLC ±.593 59.2 PLC ±.594 59.3 PLC ±.595 59.4 PLC ±.596 59.5 PLC ±.597 59.6 PLC ±.598 59.7 PLC ±.599 59.8 PLC ±.600 59.9 PLC ±.601 60.0 PLC ±.602 60.1 PLC ±.603 60.2 PLC ±.604 60.3 PLC ±.605 60.4 PLC ±.606 60.5 PLC ±.607 60.6 PLC ±.608 60.7 PLC ±.609 60.8 PLC ±.610 60.9 PLC ±.611 61.0 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PLC ±.812 81.1 PLC ±.813 81.2 PLC ±.814 81.3 PLC ±.815 81.4 PLC ±.816 81.5 PLC ±.817 81.6 PLC ±.818 81.7 PLC ±.819 81.8 PLC ±.820 81.9 PLC ±.821 82.0 PLC ±.822 82.1 PLC ±.823 82.2 PLC ±.824 82.3 PLC ±.825 82.4 PLC ±.826 82.5 PLC ±.827 82.6 PLC ±.828 82.7 PLC ±.829 82.8 PLC ±.830 82.9 PLC ±.831 83.0 PLC ±.832 83.1 PLC ±.833 83.2 PLC ±.834 83.3 PLC ±.835 83.4 PLC ±.836 83.5 PLC ±.837 83.6 PLC ±.838 83.7 PLC ±.839 83.8 PLC ±.840 83.9 PLC ±.841 84.0 PLC ±.842 84.1 PLC ±.843 84.2 PLC ±.844 84.3 PLC ±.845 84.4 PLC ±.846 84.5 PLC ±.847 84.6 PLC ±.848 84.7 PLC ±.849 84.8 PLC ±.850 84.9 PLC ±.851 85.0 PLC ±.852 85.1 PLC ±.853 85.2 PLC ±.854 85.3 PLC ±.855 85.4 PLC ±.856 85.5 PLC ±.857 85.6 PLC ±.858 85.7 PLC ±.859 85.8 PLC ±.860 85.9 PLC ±.861 86.0 PLC ±.862 86.1 PLC ±.863 86.2 PLC ±.864 86.3 PLC ±.865 86.4 PLC ±.866 86.5 PLC ±.867 86.6 PLC ±.868 86.7 PLC ±.869 86.8 PLC ±.870 86.9 PLC ±.871 87.0 PLC ±.872 87.1 PLC ±.873 87.2 PLC ±.874 87.3 PLC ±.875 87.4 PLC ±.876 87.5 PLC ±.877 87.6 PLC ±.878 87.7 PLC ±.879 87.8 PLC ±.880 87.9 PLC ±.881 88.0 PLC ±.882 88.1 PLC ±.883 88.2 PLC ±.884 88.3 PLC ±.885 88.4 PLC ±.886 88.5 PLC ±.887 88.6 PLC ±.888 88.7 PLC ±.889 88.8 PLC ±.890 88.9 PLC ±.891 89.0 PLC ±.892 89.1 PLC ±.893 89.2 PLC ±.894 89.3 PLC ±.895 89.4 PLC ±.896 89.5 PLC ±.897 89.6 PLC ±.898 89.7 PLC ±.899 89.8 PLC ±.900 89.9 PLC ±.901 90.0 PLC ±.902 90.1 PLC ±.903 90.2 PLC ±.904 90.3 PLC ±.905 90.4 PLC ±.906 90.5 PLC ±.907 90.6 PLC ±.908 90.7 PLC ±.909 90.8 PLC ±.910 90.9 PLC ±.911 91.0 PLC ±.912 91.1 PLC ±.913 91.2 PLC ±.914 91.3 PLC ±.915 91.4 PLC ±.916 91.5 PLC ±.917 91.6 PLC ±.918 91.7 PLC ±.919 91.8 PLC ±.920 91.9 PLC ±.921 92.0 PLC ±.922 92.1 PLC ±.923 92.2 PLC ±.924 92.3 PLC ±.925 92.4 PLC ±.926 92.5 PLC ±.927 92.6 PLC ±.928 92.7 PLC ±.929 92.8 PLC ±.930 92.9 PLC ±.931 93.0 PLC ±.932 93.1 PLC ±.933 93.2 PLC ±.934 93.3 PLC ±.935 93.4 PLC ±.936 93.5 PLC ±.937 93.6 PLC ±.938 93.7 PLC ±.939 93.8 PLC ±.940 93.9 PLC ±.941 94.0 PLC ±.942 94.1 PLC ±.943 94.2 PLC ±.944 94.3 PLC 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SCALE 2:1

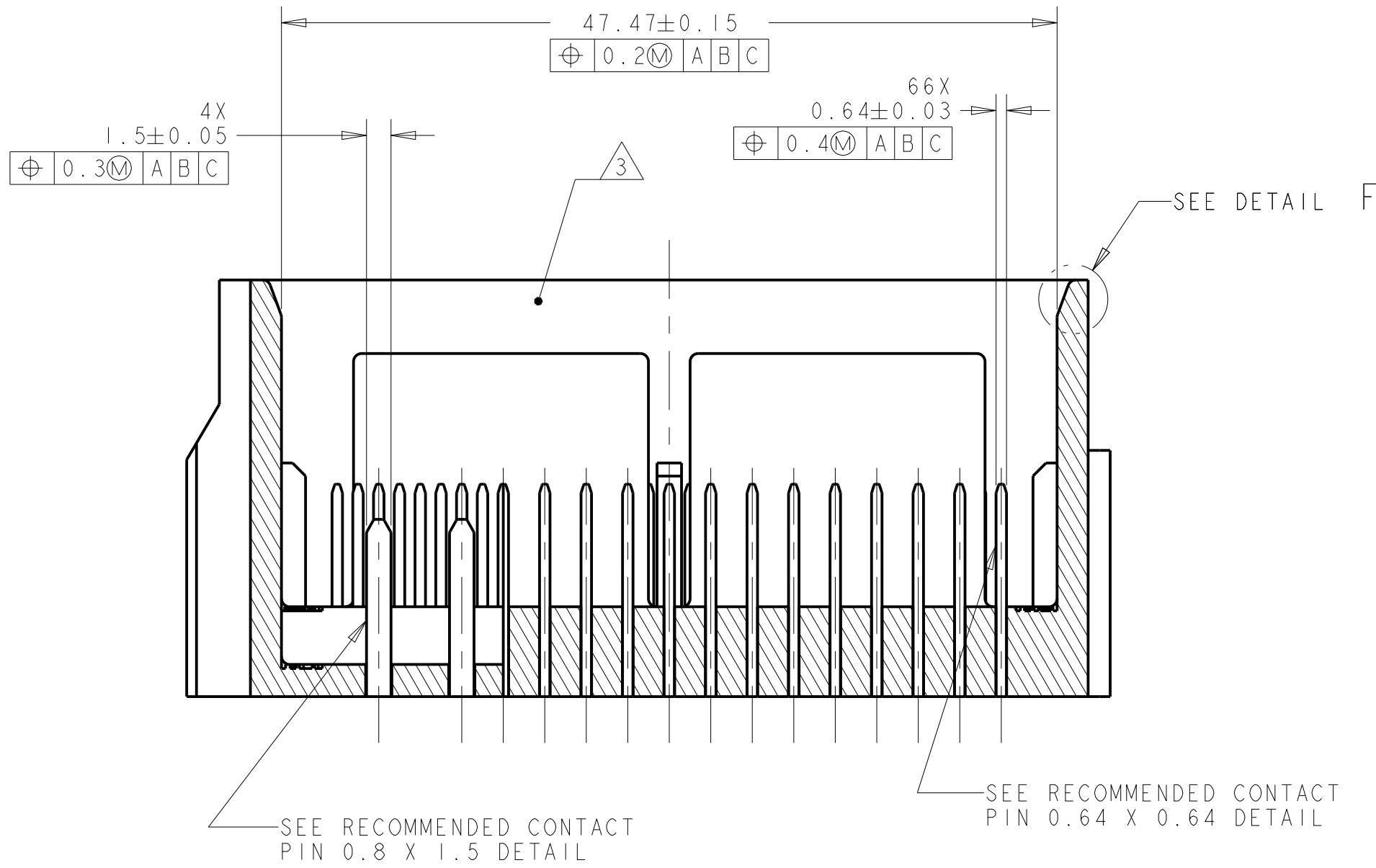


SECTION C-C



DETAIL F
SCALE 6:1

- 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 OF DAMAGE PERMITTED.
 - ALL UNMARKED RADII 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# 1438136-*

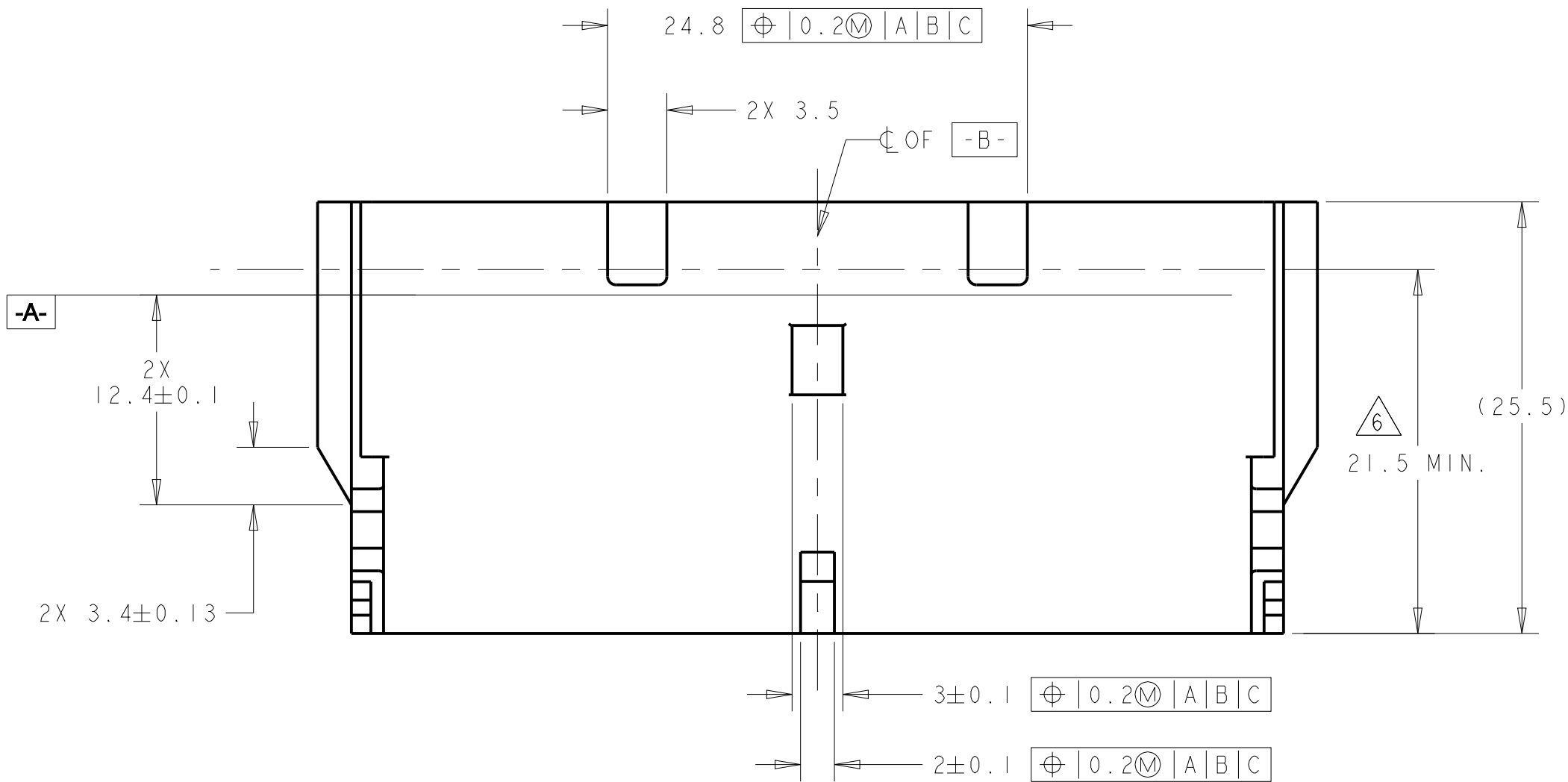


SECTION B-B

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. VESTAL	15APR2005	TE Connectivity	
DIMENSIONS:		CHK T. VALASEK	15APR2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD T. VALASEK	15APR2005	NAME	
mm		PRODUCT SPEC		70-WAY HARNESS ASSEMBLY	
0 PLC ±0.3		APPLICATION SPEC		SIZE CAGE CODE DRAWING NO	
1 PLC ±0.10		WEIGHT		A100779C=1438136	
2 PLC ±0.10		CUSTOMER DRAWING		RESTRICTED TO	
3 PLC ±0.10		SCALE 2:1		SHEET 10 OF 11	
4 PLC ±0.10		REV 647			
ANGLES ±1°					
FINISH					
MATERIAL					

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	
	0 PLC ±.3	PRODUCT SPEC	70-WAY HARNESS ASSEMBLY	
	1 PLC ±0.10	APPLICATION SPEC		
	2 PLC ±.1	WEIGHT	SIZE	
	3 PLC ±.1	CUSTOMER DRAWING	A100779C=1438136	
	4 PLC ±.1		RESTRICTED TO	
MATERIAL	FINISH		SCALE	
-	-		2:1	
-	-		SHEET 11 OF 11	
-	-		REV. 647	

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