



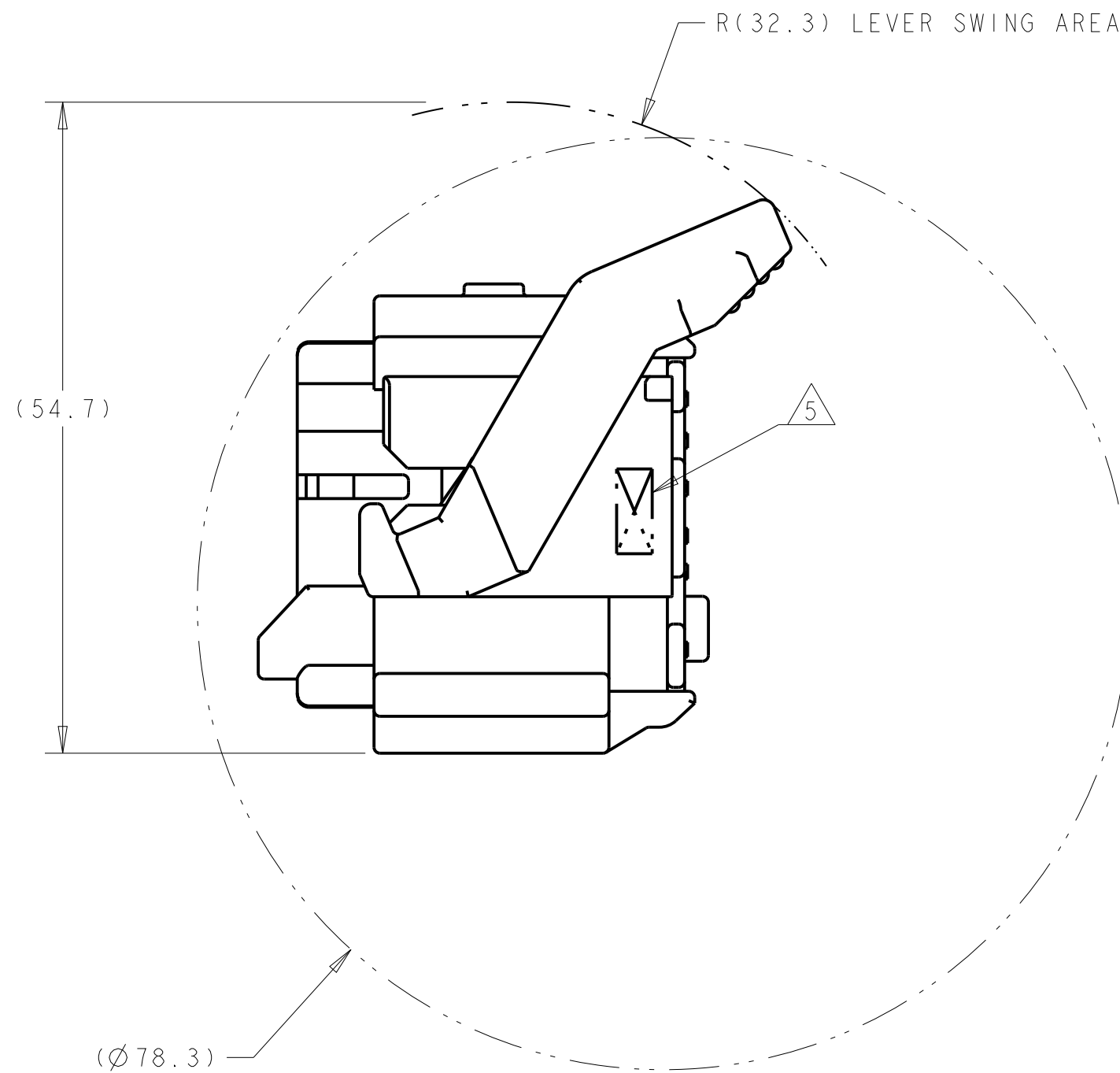
PART NUMBER:
1438136-1
SHOWN WITH SPACER
IN SEATED POSITION



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.

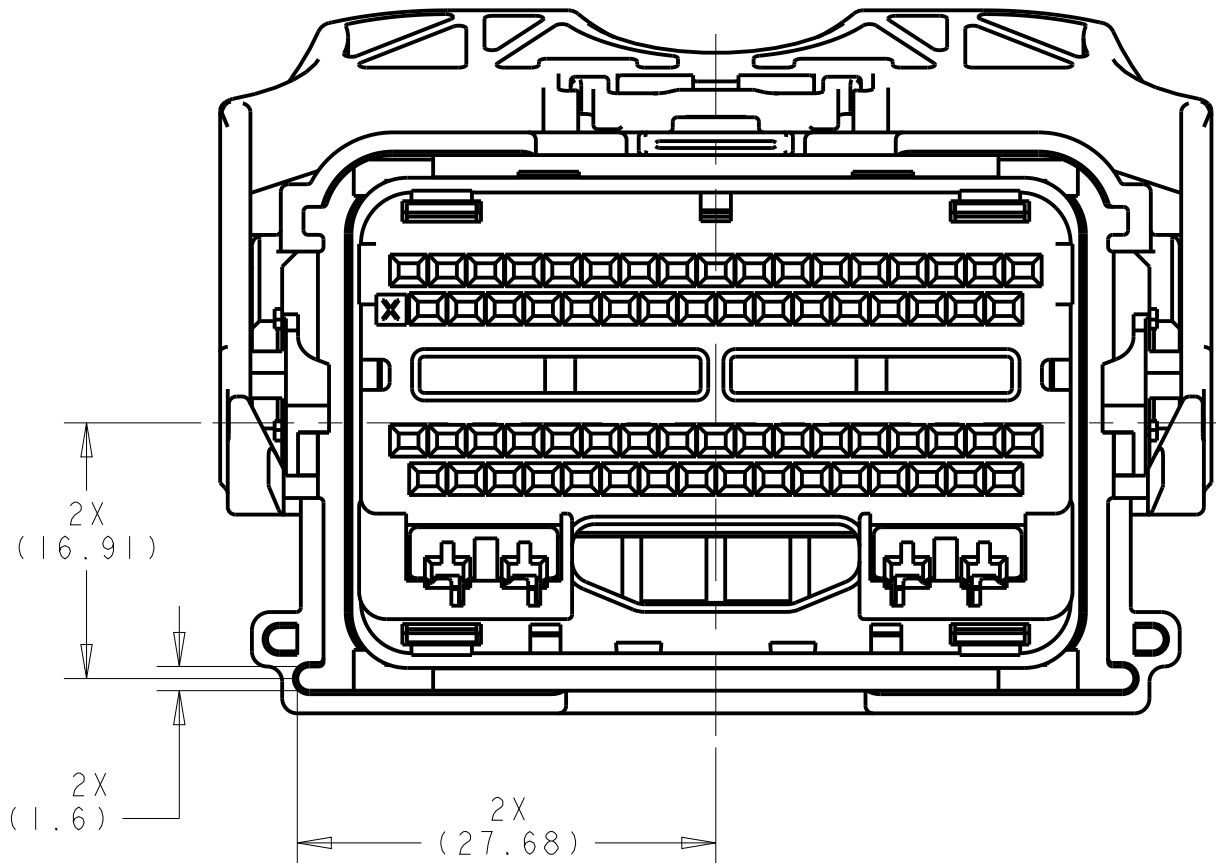
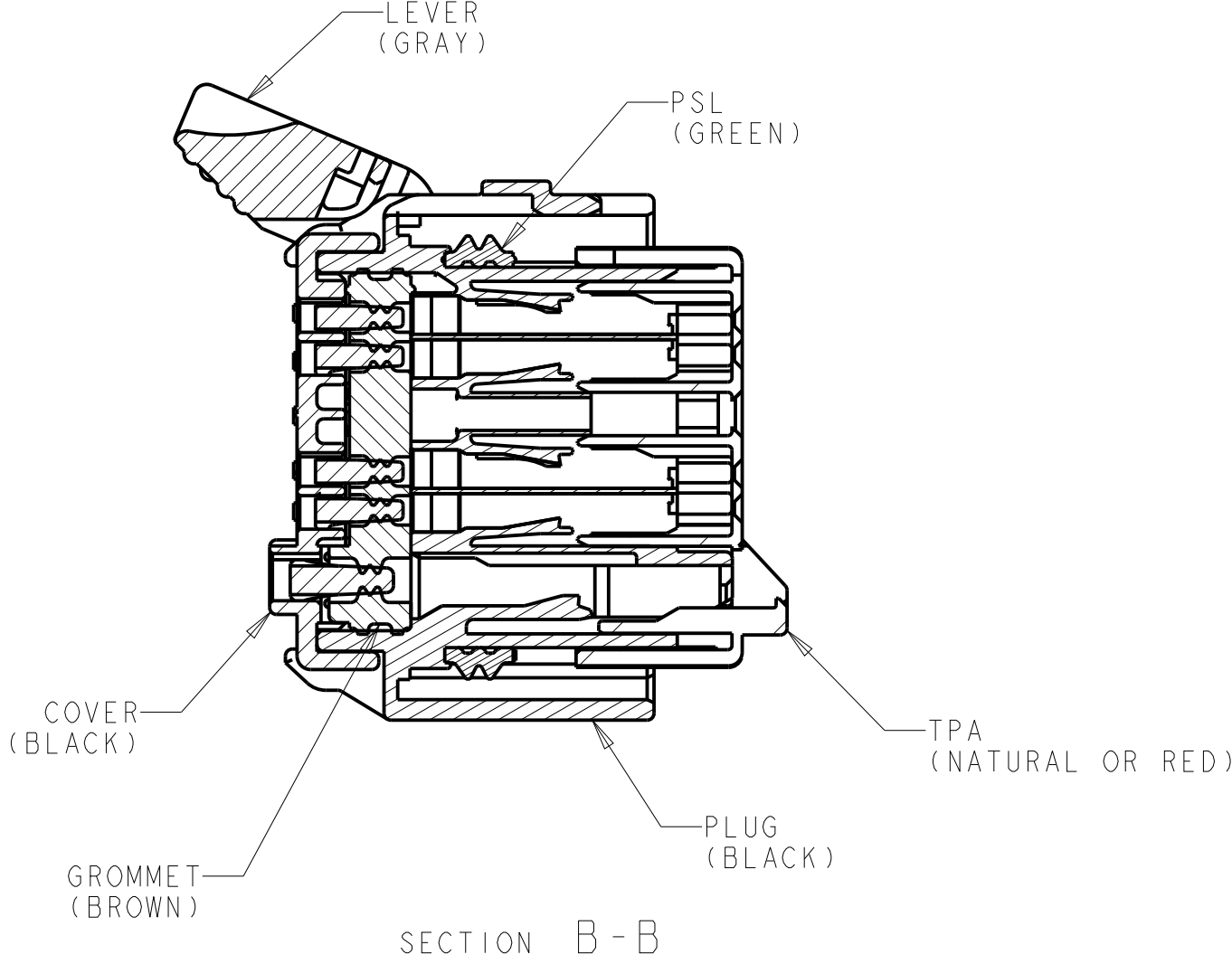
APPLICABLE COMPONENTS (FOR REFERENCE ONLY)

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

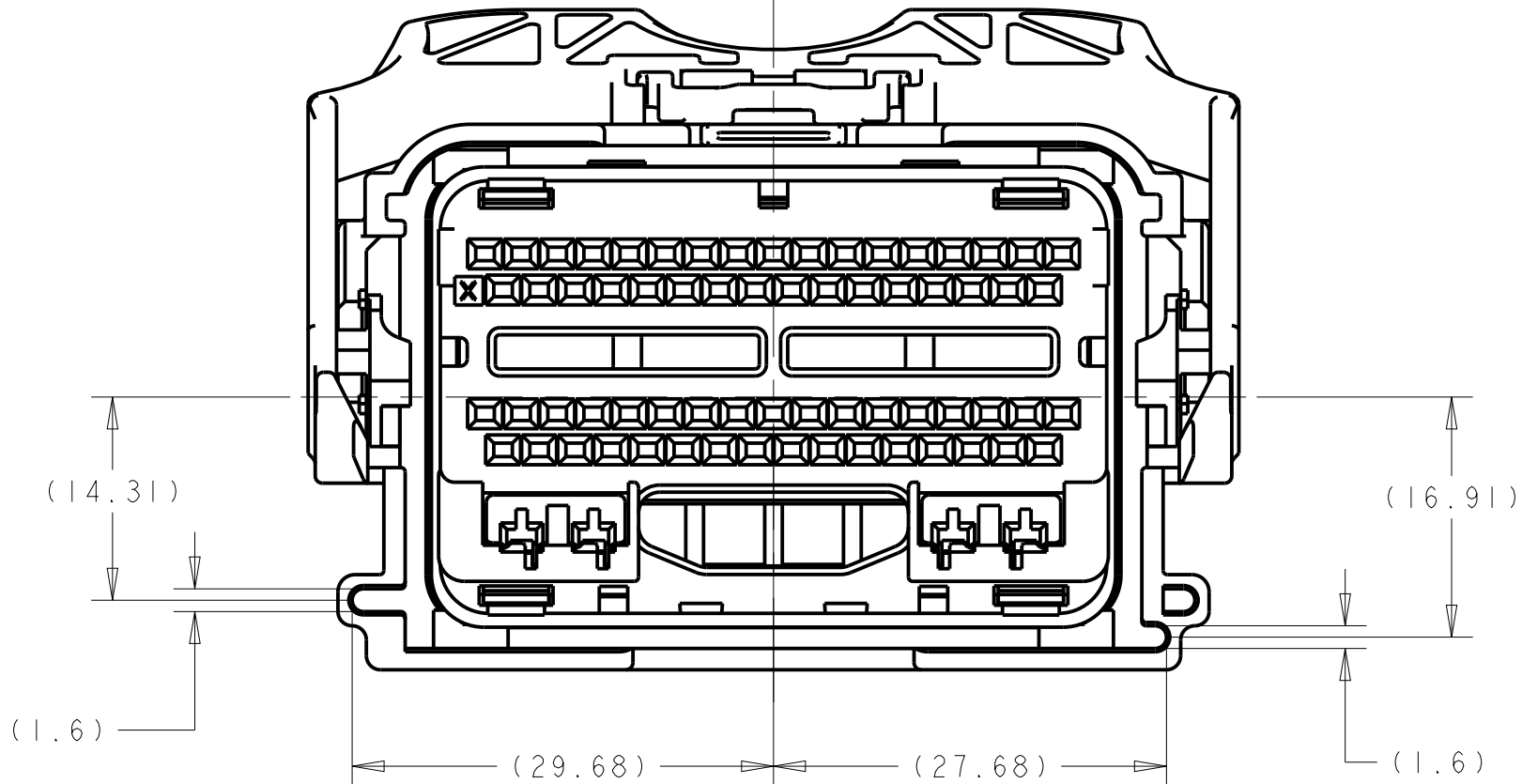
SEE SHEETS 3 THRU 7
PART NUMBER

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	±0.3	PRODUCT SPEC	
	1 PLC	±0.10	APPLICATION SPEC	
	2 PLC	±0.10	SIZE	
	3 PLC	±0.10	CAGE CODE	
MATERIAL		FINISH	DRAWING NO.	
-		-	A100779	
-		-	REV. G47	
-		-	CUSTOMER DRAWING	
-		-	SCALE 2:1	
-		-	SHEET 1 OF 11	
-		-	RESTRICTED TO	
-		-	1438136	

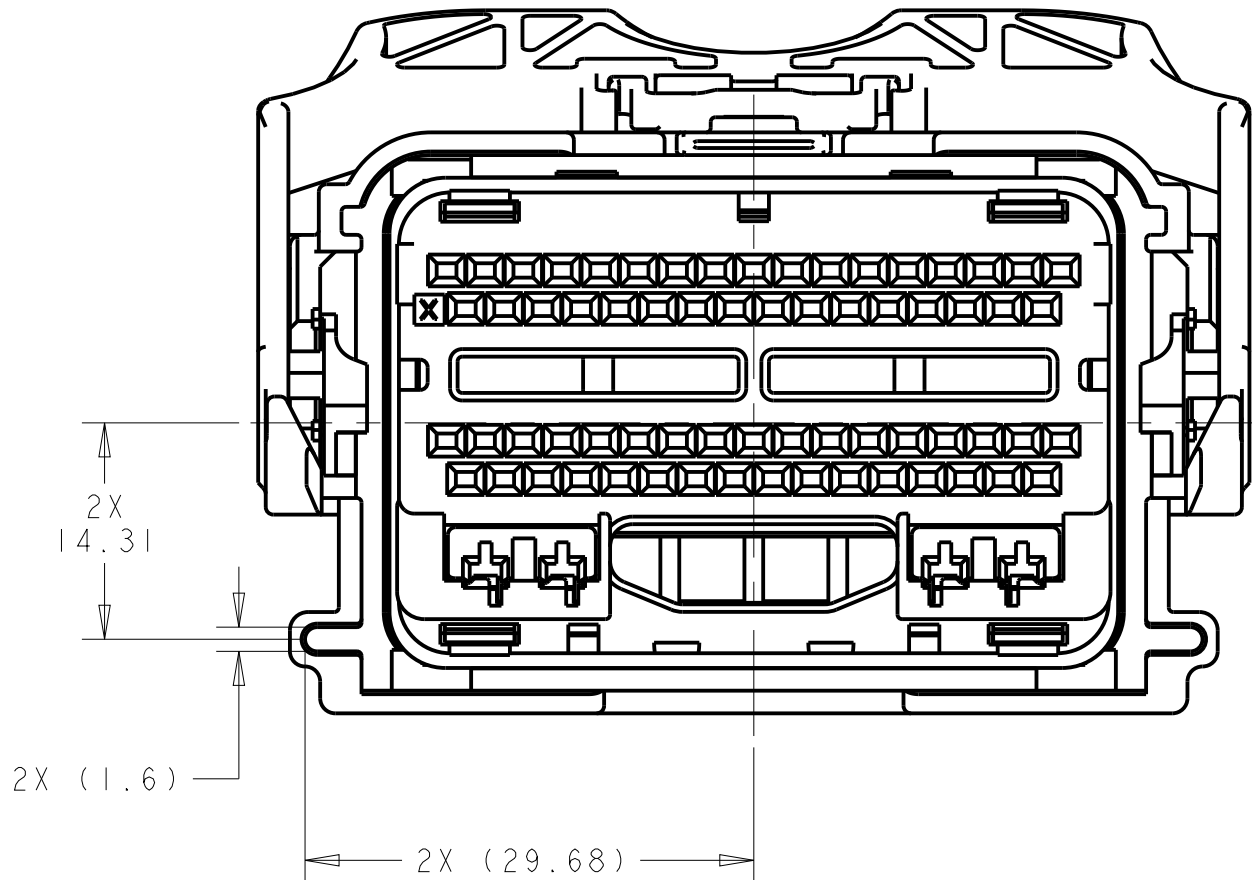
REVISIONS				
P.	LTR.	DESCRIPTION	DATE	OWN APVD
-	-	SEE SHEET 1	-	-



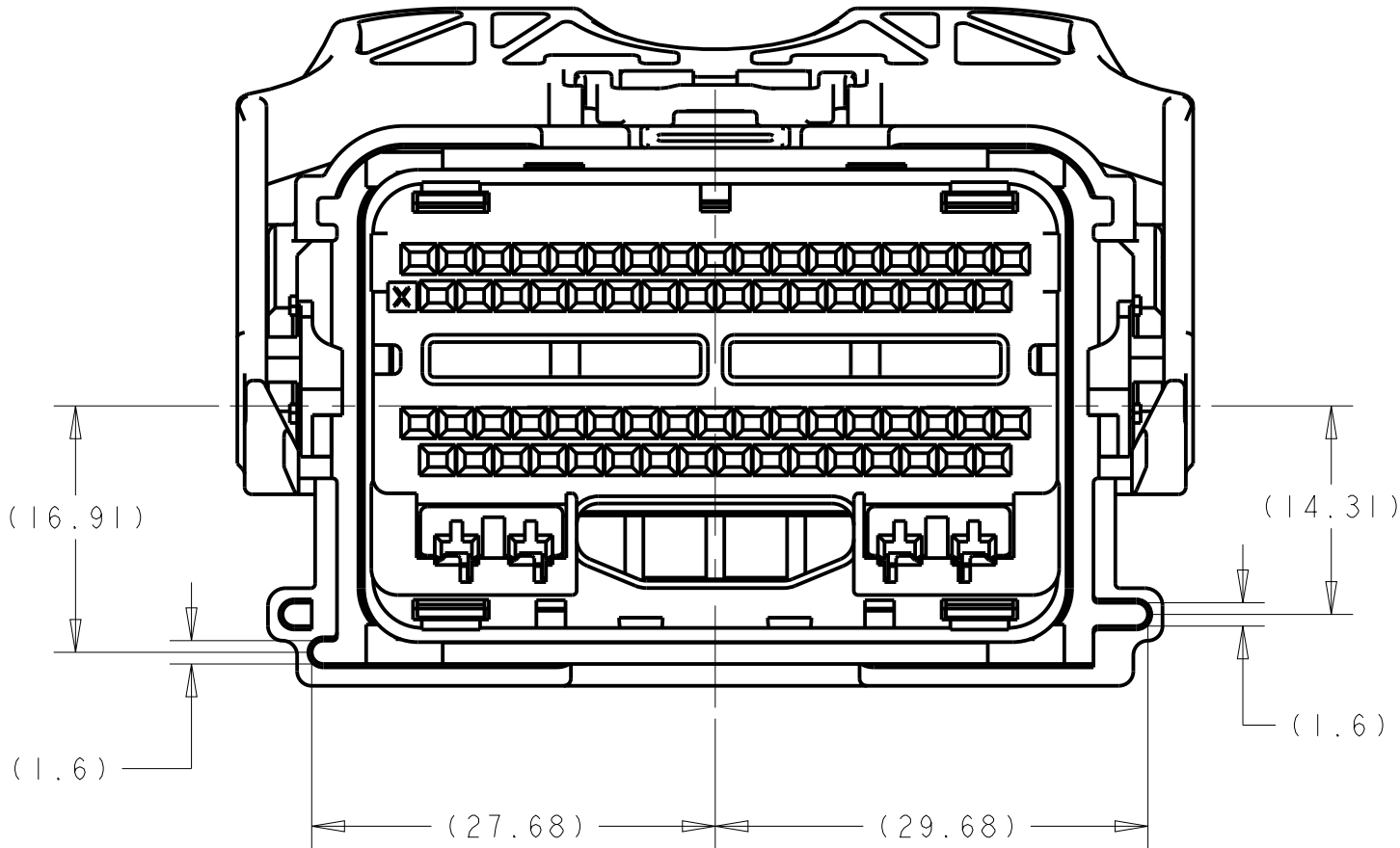
KEYING OPTION "A"



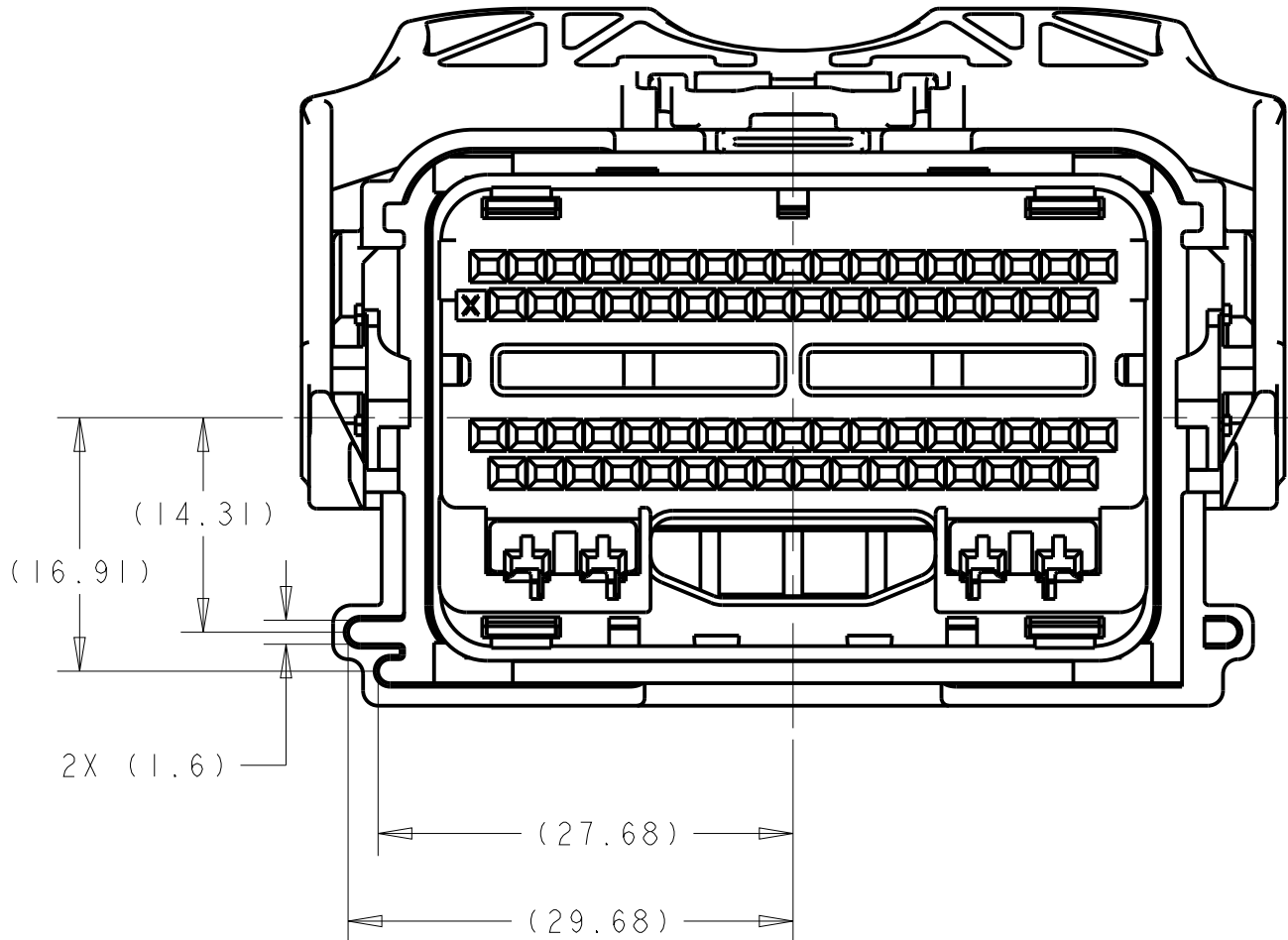
KEYING OPTION "B"



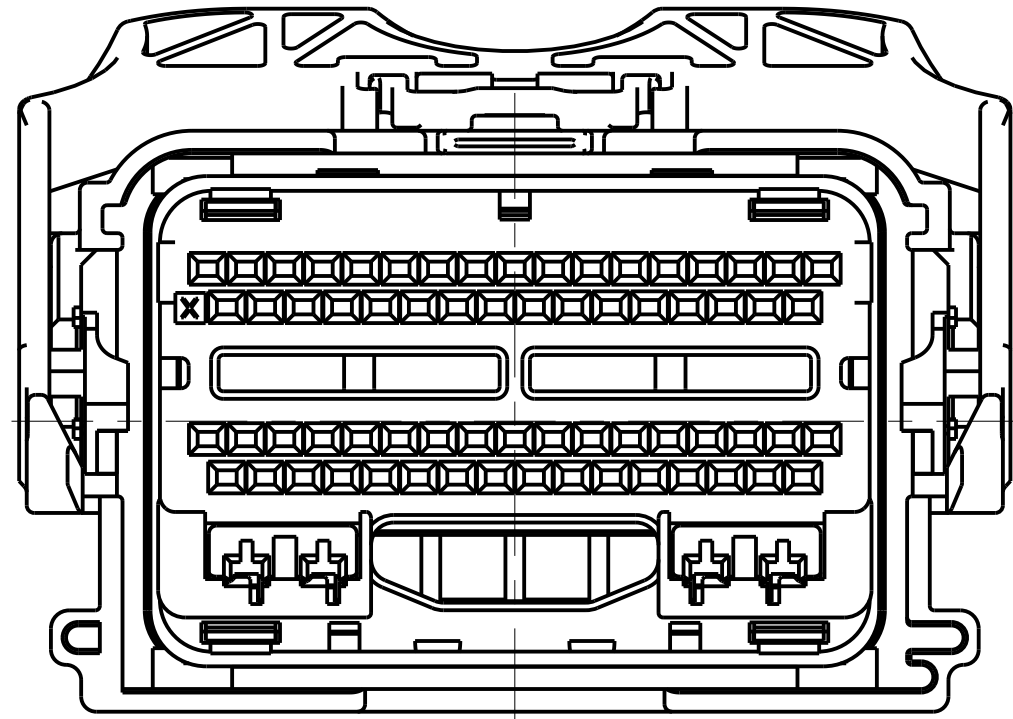
KEYING OPTION "C"



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN E. VESTAL 15APR2005	 TE Connectivity		
		CHR T. VALASEK 15APR2005			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 0.10 3 PLC $\pm$ 4 PLC $\pm$		APVD T. VALASEK 15APR2005	NAME
				PRODUCT SPEC	70-WAY HARNESS ASSEMBLY
MATERIAL - FINISH -		ANGLES - - - $\pm$ °		APPLICATION SPEC WEIGHT -	SIZE A100779C=1438136
				CUSTOMER DRAWING SCALE 2:1	RESTRICTED TO - SHEET 3 OF 11 REV 47

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REVISIONS					
NO	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET I	-	-	-

KEYING OPTION A

[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 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67.7 PLC ±.679 67.8 PLC ±.680 67.9 PLC ±.681 68.0 PLC ±.682 68.1 PLC ±.683 68.2 PLC ±.684 68.3 PLC ±.685 68.4 PLC ±.686 68.5 PLC ±.687 68.6 PLC ±.688 68.7 PLC ±.689 68.8 PLC ±.690 68.9 PLC ±.691 69.0 PLC ±.692 69.1 PLC ±.693 69.2 PLC ±.694 69.3 PLC ±.695 69.4 PLC ±.696 69.5 PLC ±.697 69.6 PLC ±.698 69.7 PLC ±.699 69.8 PLC ±.700 69.9 PLC ±.701 70.0 PLC ±.702 70.1 PLC ±.703 70.2 PLC ±.704 70.3 PLC ±.705 70.4 PLC ±.706 70.5 PLC ±.707 70.6 PLC ±.708 70.7 PLC ±.709 70.8 PLC ±.710 70.9 PLC ±.711 71.0 PLC ±.712 71.1 PLC ±.713 71.2 PLC ±.714 71.3 PLC ±.715 71.4 PLC ±.716 71.5 PLC ±.717 71.6 PLC ±.718 71.7 PLC ±.719 71.8 PLC ±.720 71.9 PLC ±.721 72.0 PLC ±.722 72.1 PLC ±.723 72.2 PLC ±.724 72.3 PLC ±.725 72.4 PLC ±.726 72.5 PLC ±.727 72.6 PLC ±.728 72.7 PLC ±.729 72.8 PLC ±.730 72.9 PLC ±.731 73.0 PLC ±.732 73.1 PLC ±.733 73.2 PLC ±.734 73.3 PLC ±.735 73.4 PLC ±.736 73.5 PLC ±.737 73.6 PLC ±.738 73.7 PLC ±.739 73.8 PLC ±.740 73.9 PLC ±.741 74.0 PLC ±.742 74.1 PLC ±.743 74.2 PLC ±.744 74.3 PLC ±.745 74.4 PLC ±.746 74.5 PLC ±.747 74.6 PLC ±.748 74.7 PLC ±.749 74.8 PLC ±.750 74.9 PLC ±.751 75.0 PLC ±.752 75.1 PLC ±.753 75.2 PLC ±.754 75.3 PLC ±.755 75.4 PLC ±.756 75.5 PLC ±.757 75.6 PLC ±.758 75.7 PLC ±.759 75.8 PLC ±.760 75.9 PLC ±.761 76.0 PLC ±.762 76.1 PLC ±.763 76.2 PLC ±.764 76.3 PLC ±.765 76.4 PLC ±.766 76.5 PLC ±.767 76.6 PLC ±.768 76.7 PLC ±.769 76.8 PLC ±.770 76.9 PLC ±.771 77.0 PLC ±.772 77.1 PLC ±.773 77.2 PLC ±.774 77.3 PLC ±.775 77.4 PLC ±.776 77.5 PLC ±.777 77.6 PLC ±.778 77.7 PLC ±.779 77.8 PLC ±.780 77.9 PLC ±.781 78.0 PLC ±.782 78.1 PLC ±.783 78.2 PLC ±.784 78.3 PLC ±.785 78.4 PLC ±.786 78.5 PLC ±.787 78.6 PLC ±.788 78.7 PLC ±.789 78.8 PLC ±.790 78.9 PLC ±.791 79.0 PLC ±.792 79.1 PLC ±.793 79.2 PLC ±.794 79.3 PLC ±.795 79.4 PLC ±.796 79.5 PLC ±.797 79.6 PLC ±.798 79.7 PLC ±.799 79.8 PLC ±.800 79.9 PLC ±.801 80.0 PLC ±.802 80.1 PLC ±.803 80.2 PLC ±.804 80.3 PLC ±.805 80.4 PLC ±.806 80.5 PLC ±.807 80.6 PLC ±.808 80.7 PLC ±.809 80.8 PLC ±.810 80.9 PLC ±.811 81.0 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 ±.945 94.4 PLC ±.946 94.5 PLC ±.947 94.6 PLC ±.948 94.7 PLC ±.949 94.8 PLC ±.950 94.9 PLC ±.951 95.0 PLC ±.952 95.1 PLC ±.953 95.2 PLC ±.954 95.3 PLC ±.955 95.4 PLC ±.956 95.5 PLC ±.957 95.6 PLC ±.958 95.7 PLC ±.959 95.8 PLC ±.960 95.9 PLC ±.961 96.0 PLC ±.962 96.1 PLC ±.963 96.2 PLC ±.964 96.3 PLC ±.965 96.4 PLC ±.966 96.5 PLC ±.967 96.6 PLC ±.968 96.7 PLC ±.969 96.8 PLC ±.970 96.9 PLC ±.971 97.0 PLC ±.972 97.1 PLC ±.973 97.2 PLC ±.974 97.3 PLC ±.975 97.4 PLC ±.976 97.5 PLC ±.977 97.6 PLC ±.978 97.7 PLC ±.979 97.8 PLC ±.980 97.9 PLC ±.981 98.0 PLC ±.982 98.1 PLC ±.983 98.2 PLC ±.984 98.3 PLC ±.985 98.4 PLC ±.986 98.5 PLC ±.987 98.6 PLC ±.988 98.7 PLC ±.989 98.8 PLC ±.990 98.9 PLC ±.991 99.0 PLC ±.992 99.1 PLC ±.993 99.2 PLC ±.994 99.3 PLC ±.995 99.4 PLC ±.996 99.5 PLC ±.997 99.6 PLC ±.998 99.7 PLC ±.999 99.8 PLC ±.1000 99.9 PLC ±.1001 100.0 PLC ±.1002 100.1 PLC ±.1003 100.2 PLC ±.1004 100.3 PLC ±.1005 100.4 PLC ±.1006 100.5 PLC ±.1007 100.6 PLC ±.1008 100.7 PLC ±.1009 100.8 PLC ±.1010 100.9 PLC ±.1011 101.0 PLC ±.1012 101.1 PLC ±.1013 101.2 PLC ±.1014 101.3 PLC ±.1015 101.4 PLC ±.1016 101.5 PLC ±.1017 101.6 PLC ±.1018 101.7 PLC ±.1019 101.8 PLC ±.1020 101.9 PLC ±.1021 102.0 PLC ±.1022 102.1 PLC ±.1023 102.2 PLC ±.1024 102.3 PLC ±.1025 102.4 PLC ±.1026 102.5 PLC ±.1027 102.6 PLC ±.1028 102.7 PLC ±.1029 102.8 PLC ±.1030 102.			

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
15APR2005

CHK
T. VALASEK
15APR2005

APVD
T. VALASEK
15APR2005

DIMENSIONS:
mm

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±0.3
±0.10
±
±
±1°
-

MATERIAL

-
-

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

70-WAY HARNESS ASSEMBLY

SIZE CAGE CODE DRAWING NO

A100779C=1438136

RESTRICTED TO

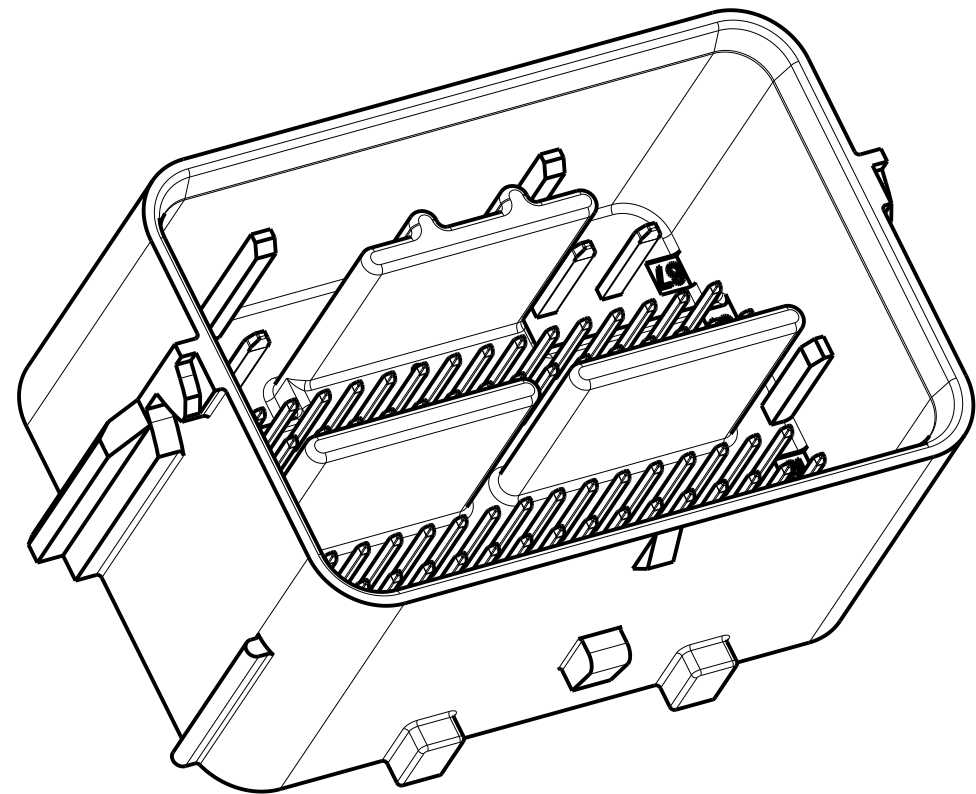
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TE Connectivity

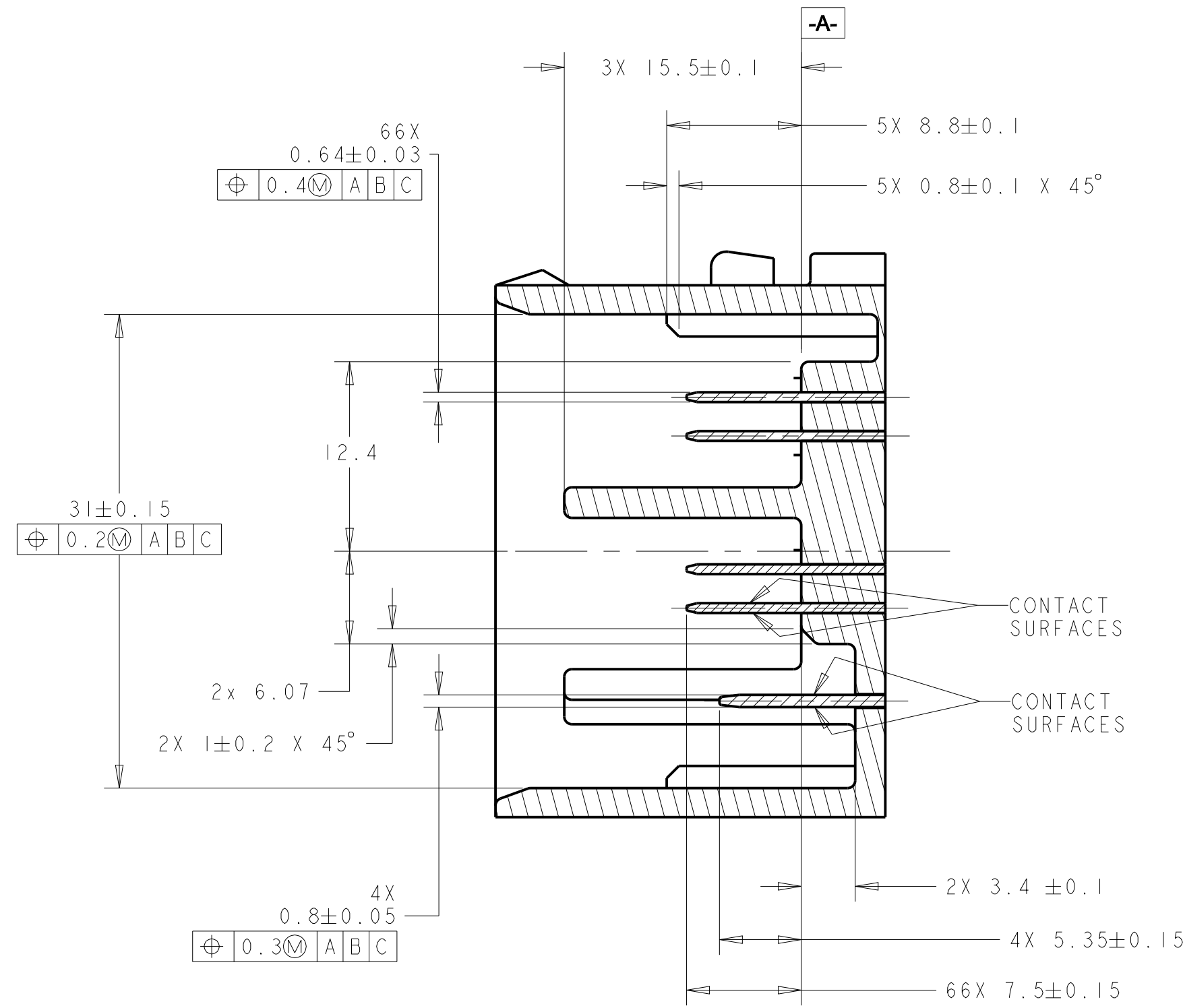
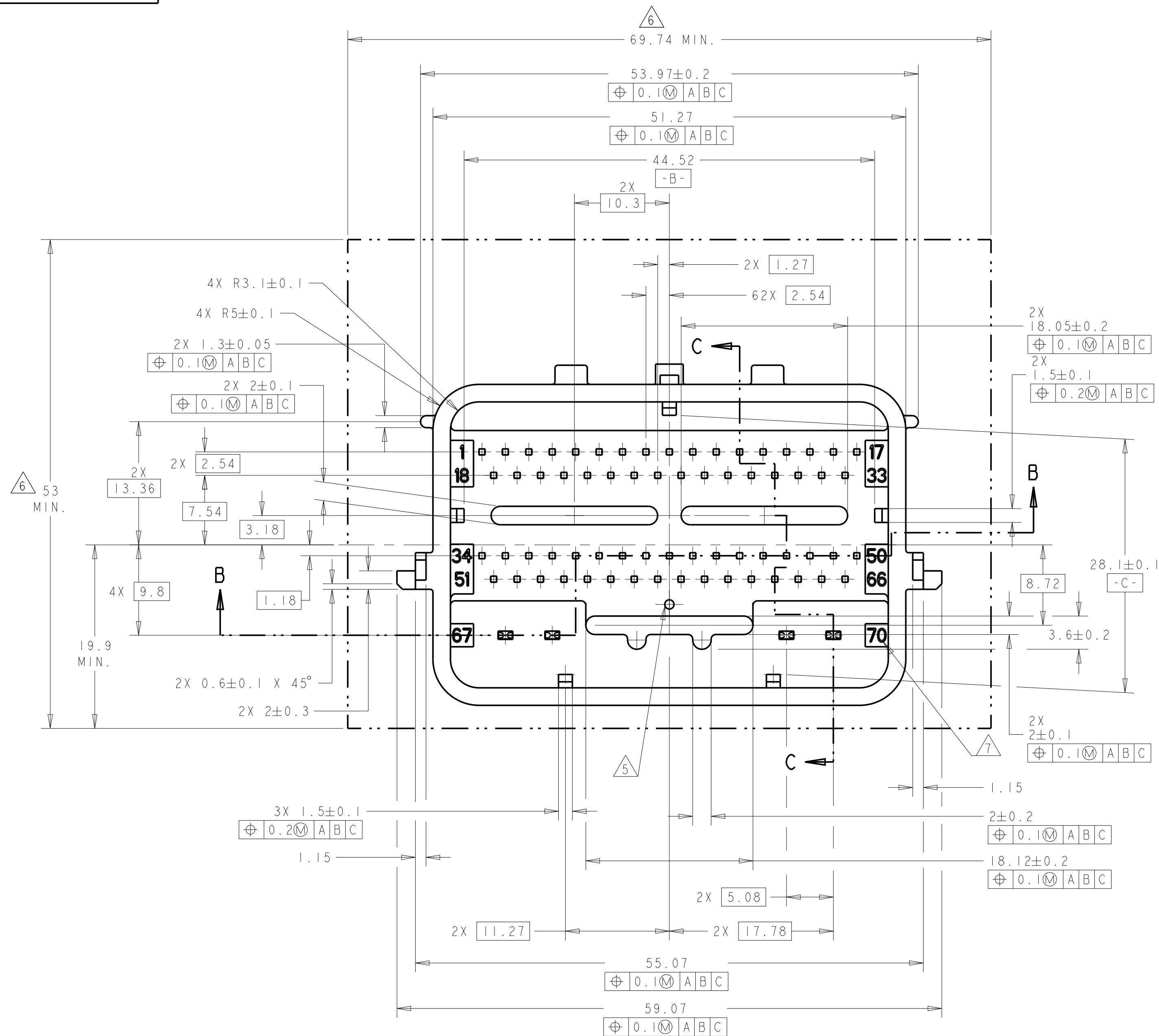
SCALE 2:1

SHEET 5 OF 11

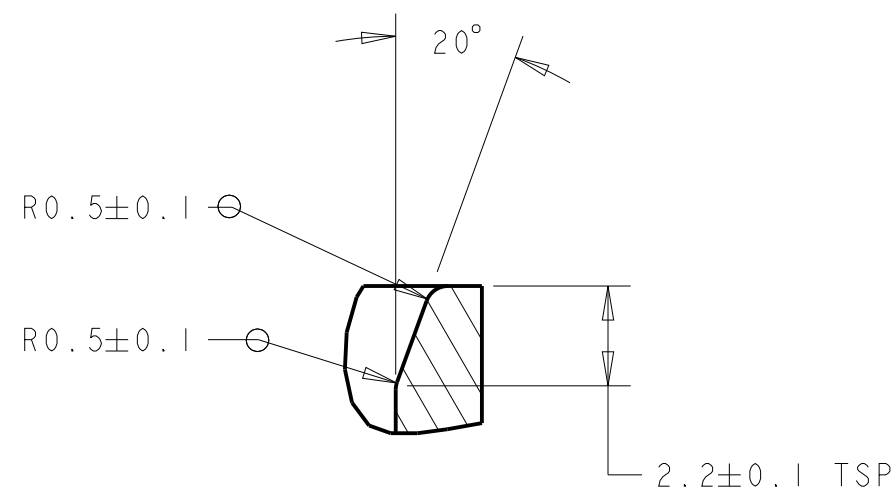
REV 647



SCALE 2:1



SECTION C-C



DETAIL F
SCALE 6:1

NOTES: UNLESS OTHERWISE SPECIFIED

1. GENERAL TOLERANCE:
±0.3 ALL ONE PLACE DIMENSIONS
±0.10 ALL TWO PLACE DIMENSIONS
±1°00' ALL ANGULAR DIMENSIONS

2. DRAFT ANGLE PERMISSIBLE ONLY WITHIN
DRAWING TOLERANCE.

3 SEALING SURFACE, NO WITNESS LINES OF DAMAGE PERMITTED.

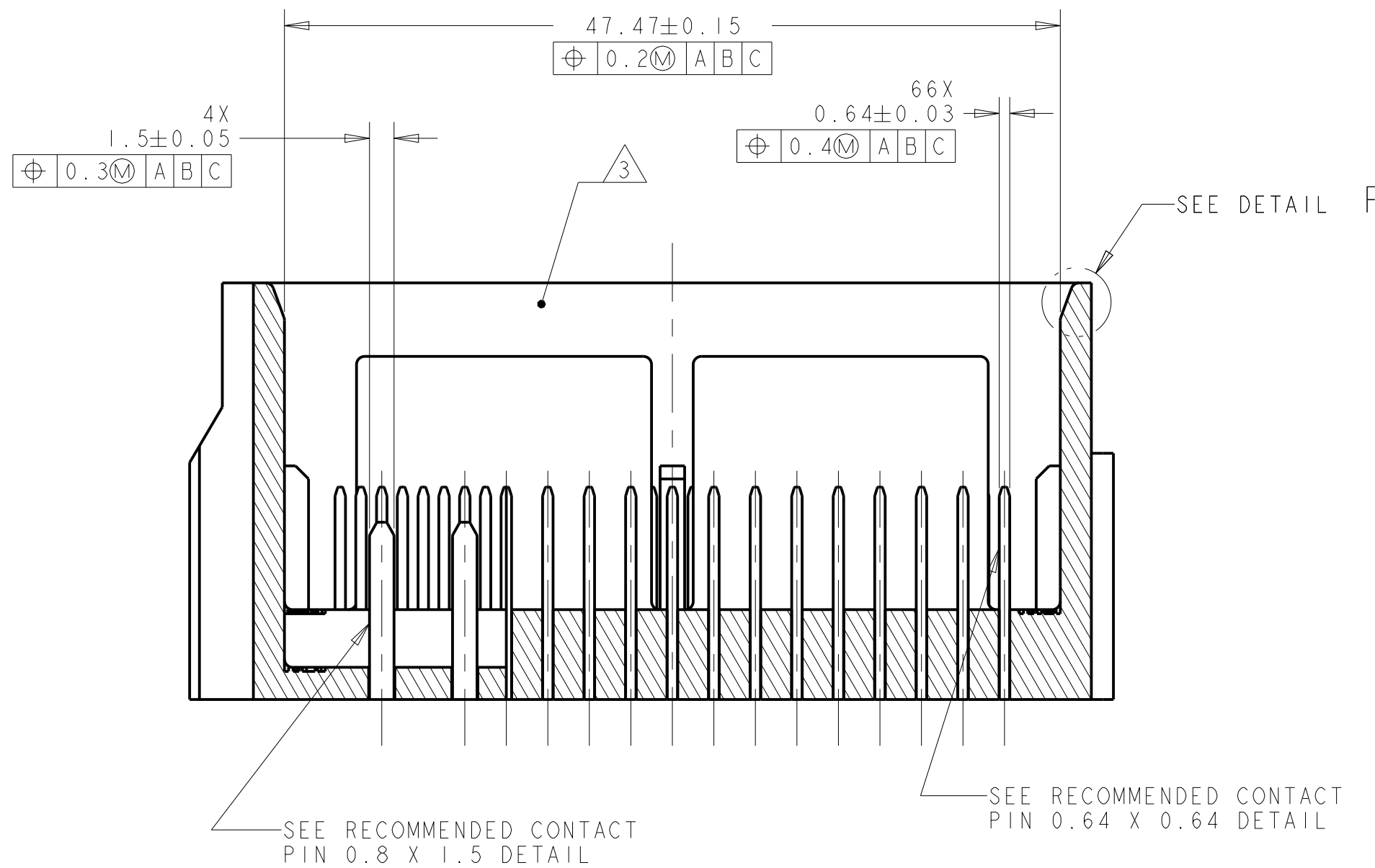
4. ALL UNMARKED RADII TO BE 0.5 MAX., UNLESS OTHERWISE SPECIFIED

5 VENT HOLE SIZE AND LOCATION IS OPTIONAL.

6 THIS AREA TO REMAIN CLEAR FOR THE HARNESS ASSEMBLY.

7 TERMINAL POSITION IDENTIFICATION.

8. MATES WITH TYCO ELECTRONICS PART# 1438136-*

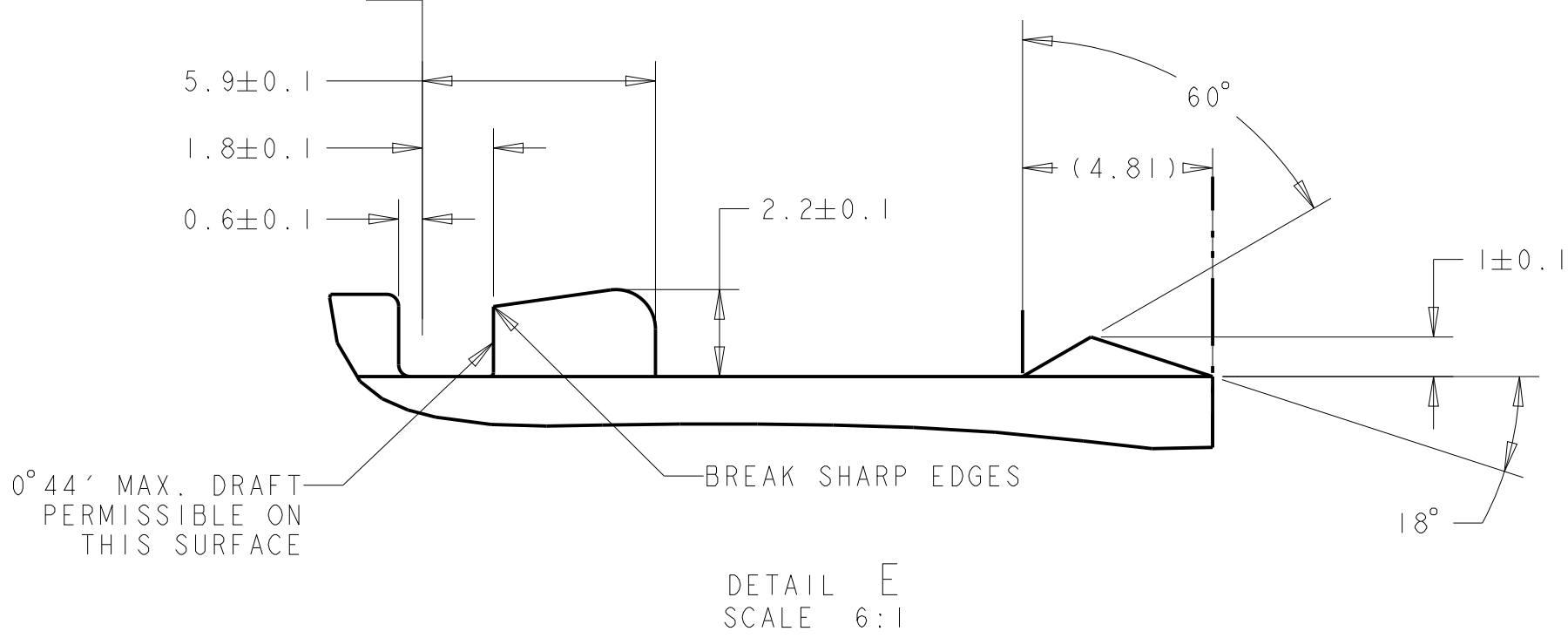
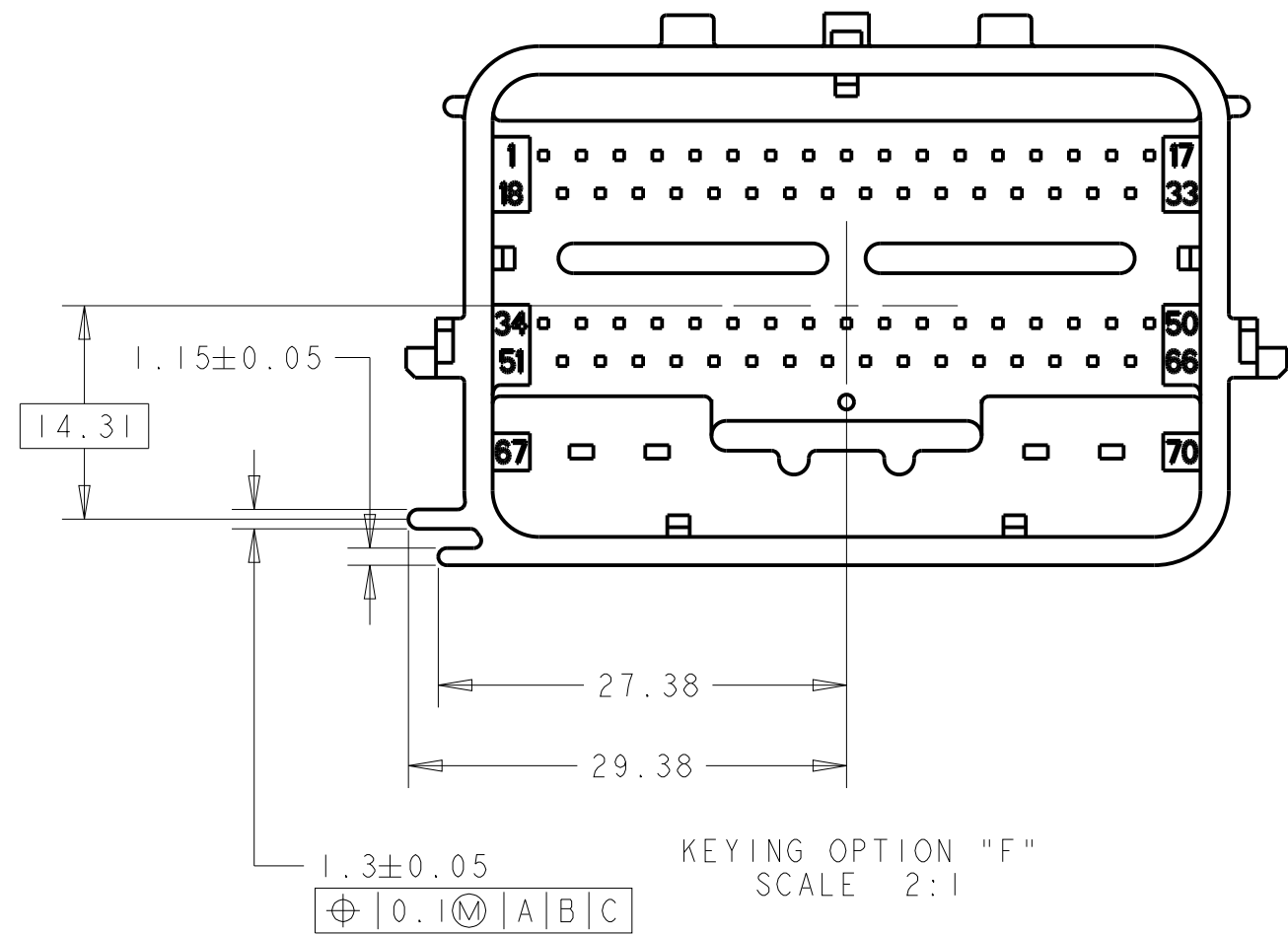
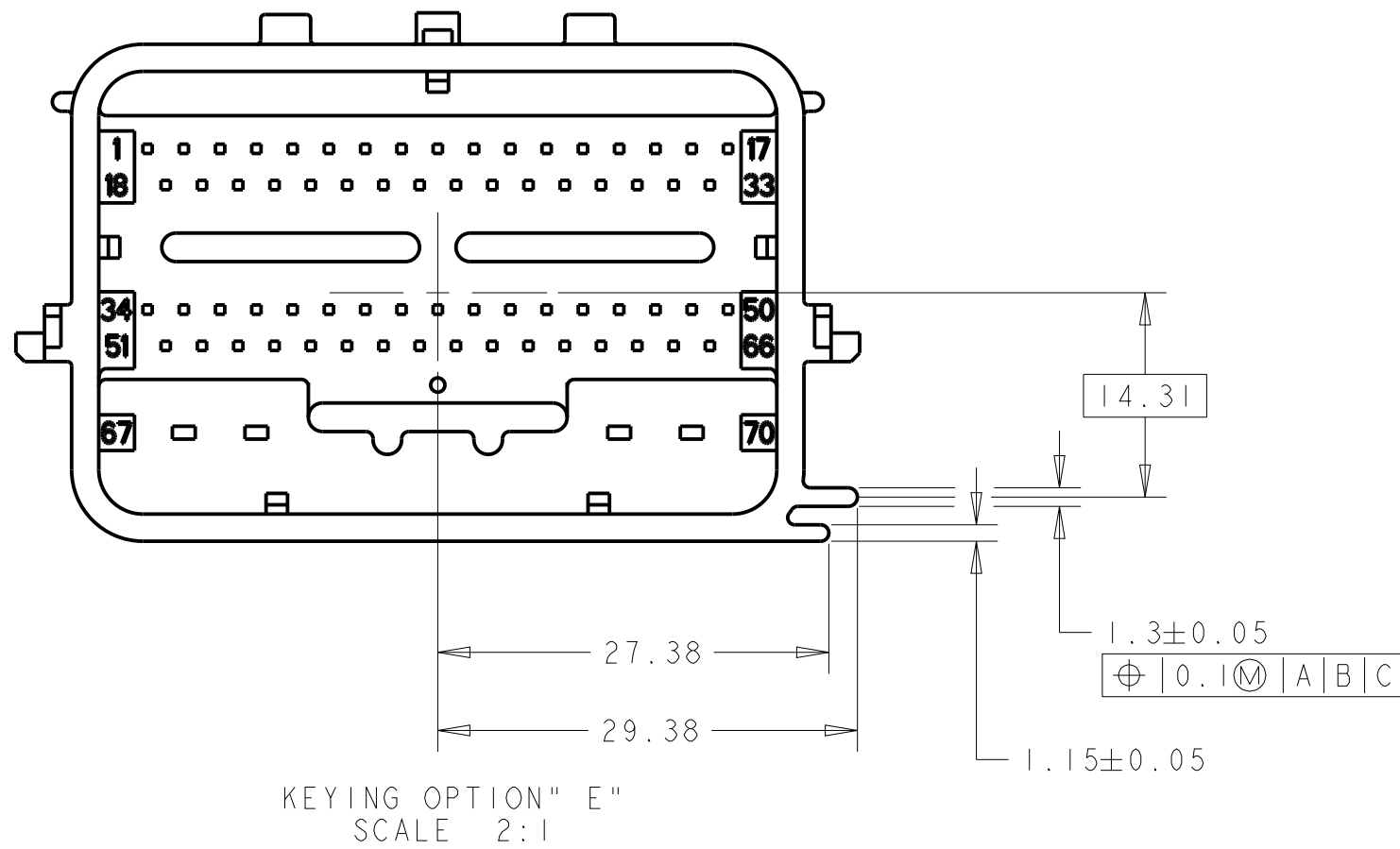
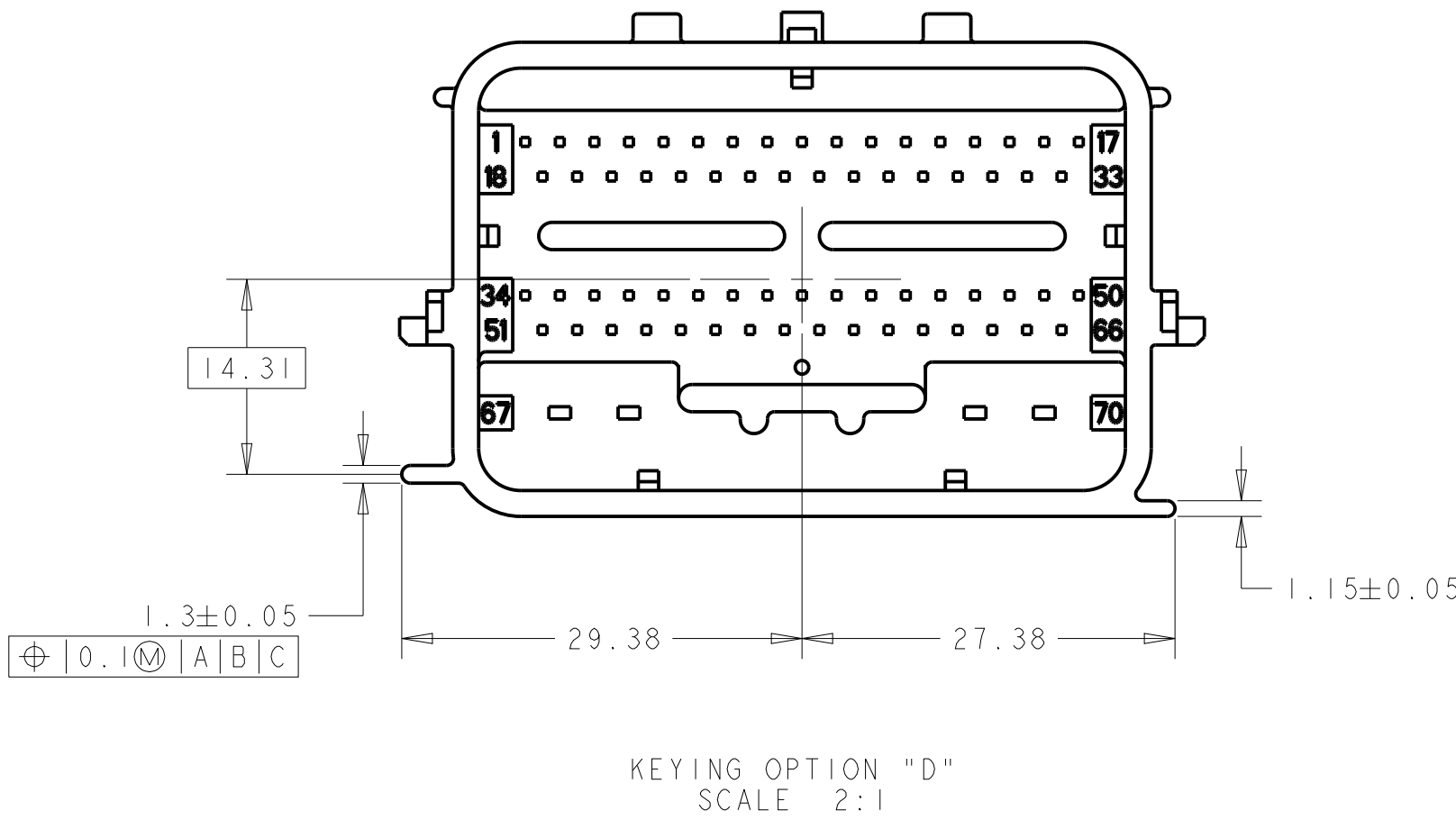


SECTION B-B

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

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 70-WAY HARNESS ASSEMBLY	
	0 PLC ±0.3	PRODUCT SPEC	SIZE A100779C=1438136	
	1 PLC ±0.10	APPLICATION SPEC		
MATERIAL	2 PLC ±0.10	WEIGHT	RESTRICTED TO	
-	3 PLC ±0.10	-	SCALE 2:1 SHEET 11 OF 11 REV 647	
-	4 PLC ±0.10	CUSTOMER DRAWING		
-	ANGLES FINISH	-		
-	-	-		

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6-1438136-2](#)