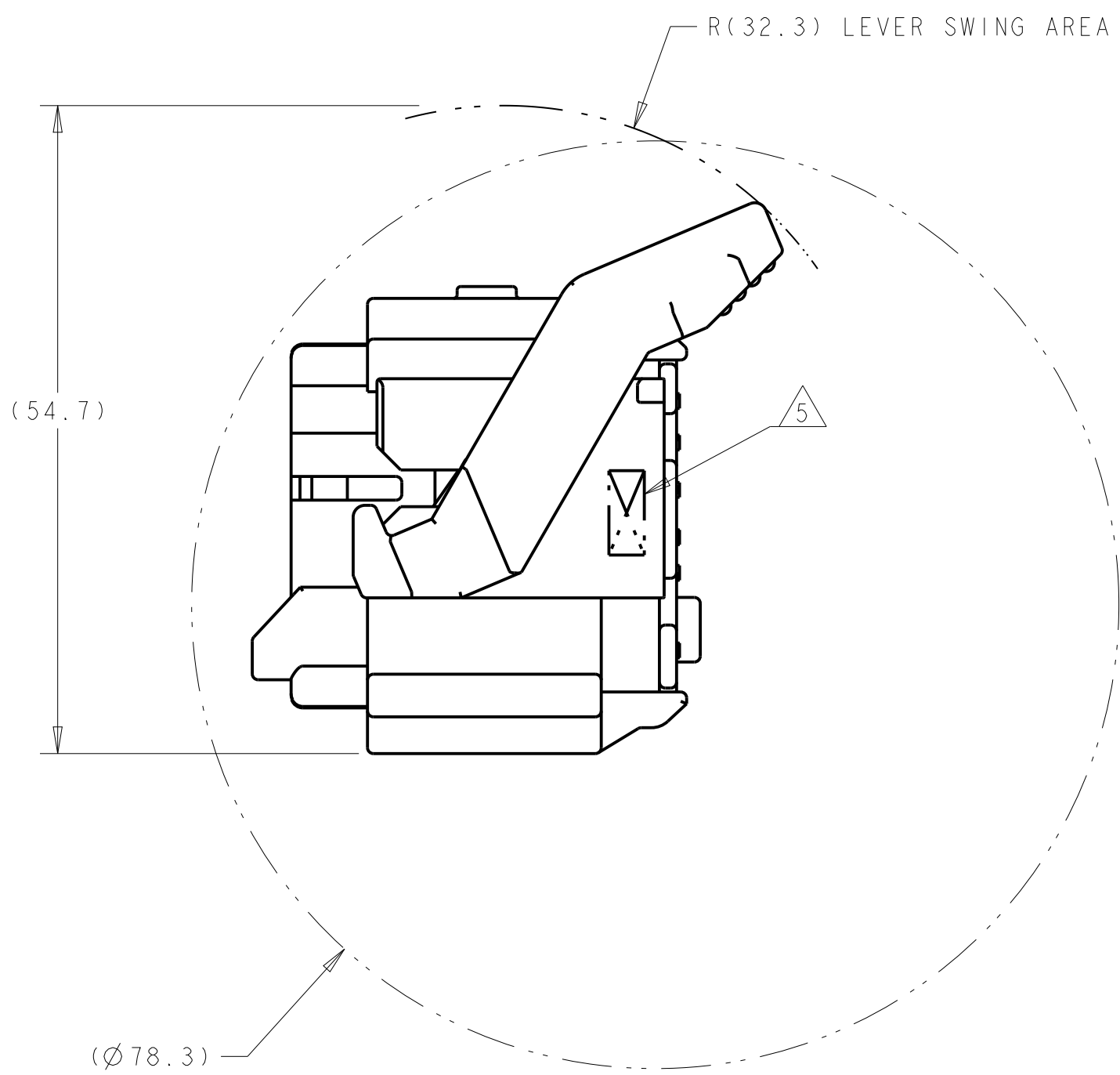
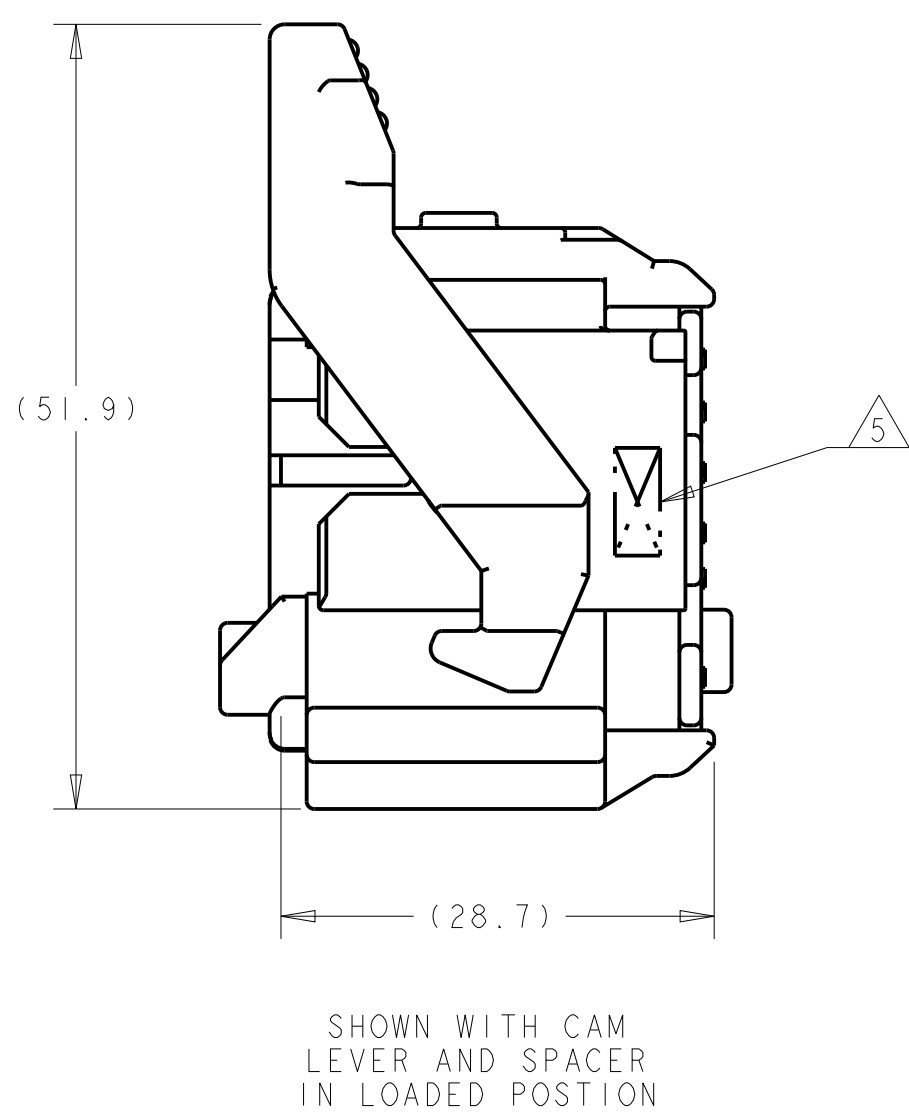
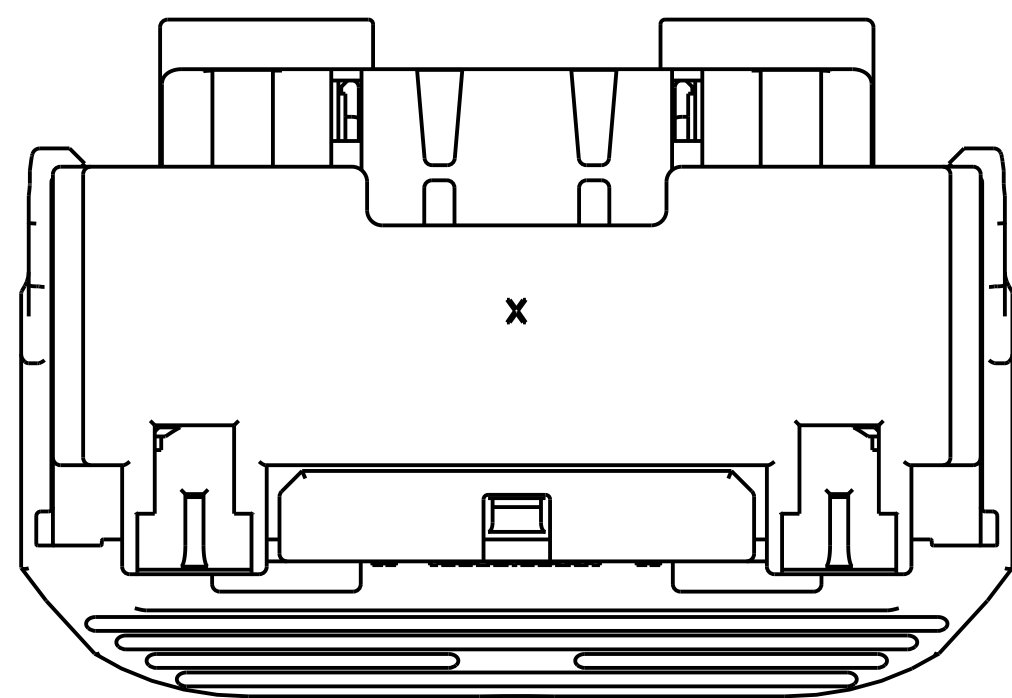
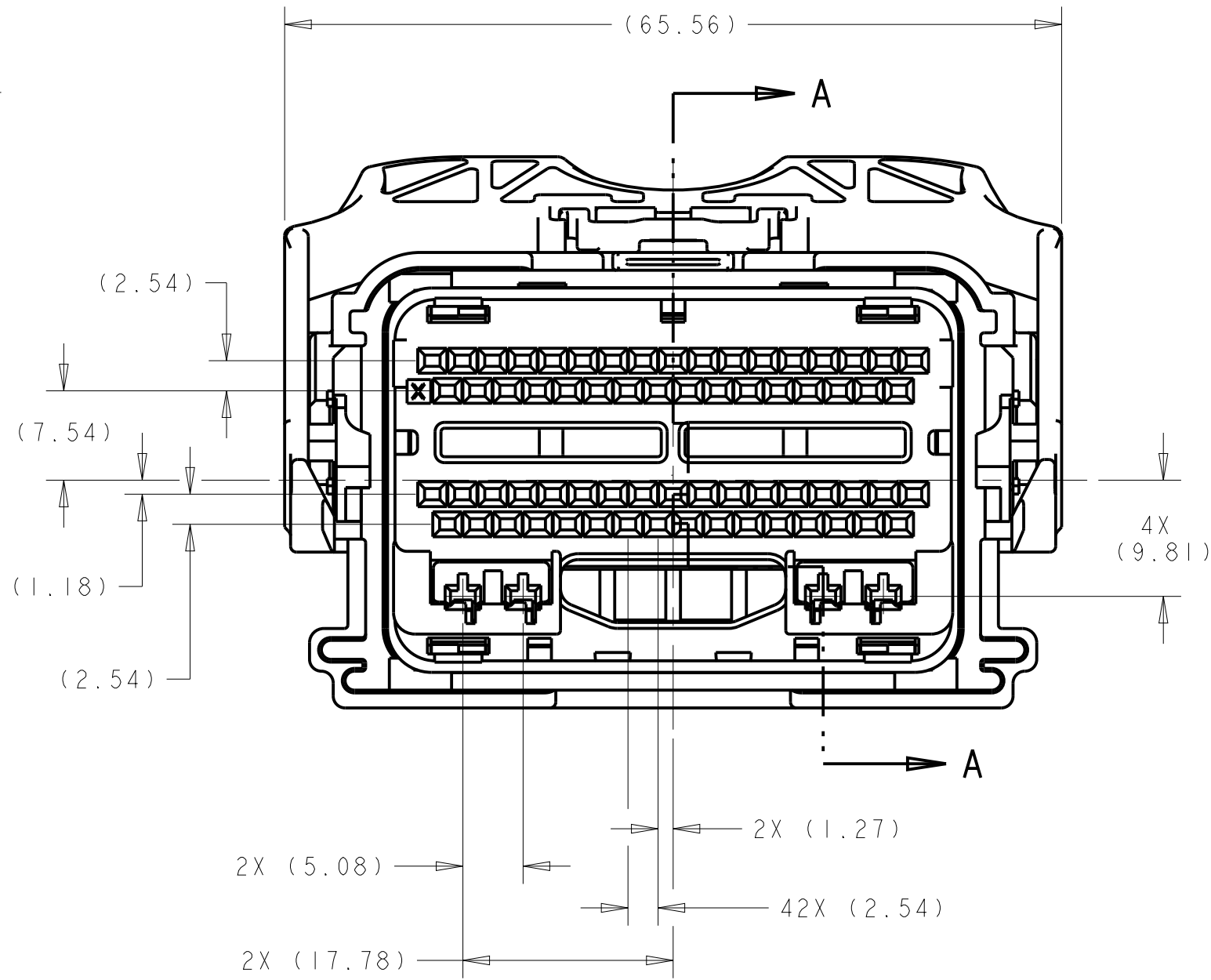
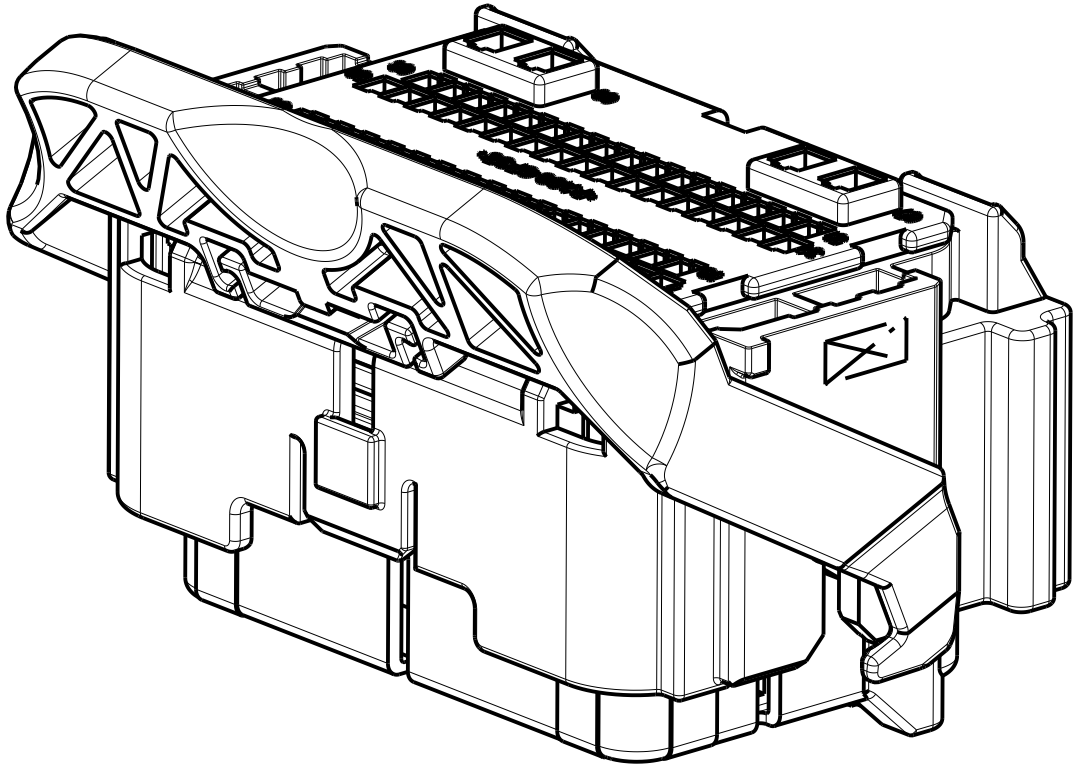
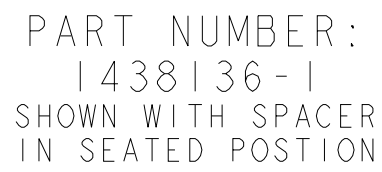


1. PRINT FORD PART NUMBER (SEE ATTACHED CHARTS) AND TRACEABILITY CODE (YY = 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR) IN THIS LOCATION AT ASSEMBLY. SEE SHEETS 3, 4 AND 5 (-*) PART NUMBERS.
2. APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS:
33012-0002 TIN 0.50-1.50mm²
3. CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
4. REFERENCE TO INSTRUCTION SHEET 408-8893.
5. COMPANY LOGO.



THIS DRAWING IS A CONTROLLED DOCUMENT		DRAWN R. VESTAL 15APR2005 CHECKED T. VALASEK 15APR2005 APPROVED T. VALASEK 15APR2005	 TE Connectivity	
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ±.0 1 PLC ±.0 2 PLC ±.0 .10 3 PLC ±.0 4 PLC ±.0 ANGLES ±1°		NAME 70-WAY HARNESS ASSEMBLY
		PRODUCT SPEC - APPLICATION SPEC -	SIZE A100779C-1438136	
MATERIAL -		FINISH -		RESTRICTED TO -
		WEIGHT -		
		CUSTOMER DRAWING		
		SCALE 2:1		SHEET OF 11
		REVISION 647		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. VESTAL 15APR2005	 TE Connectivity	
DIMENSIONS: mm		CHG T. VALASEK 15APR2005	NAME	
		PRODUCT SPEC -	70-WAY HARNESS ASSEMBLY	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC -	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL - -		WEIGHT -	A100779C=1438136 -	
		CUSTOMER DRAWING	SCALE 2:1 SHEET 3 OF 11 REV. 647	

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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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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 102.9 PLC ±.			

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

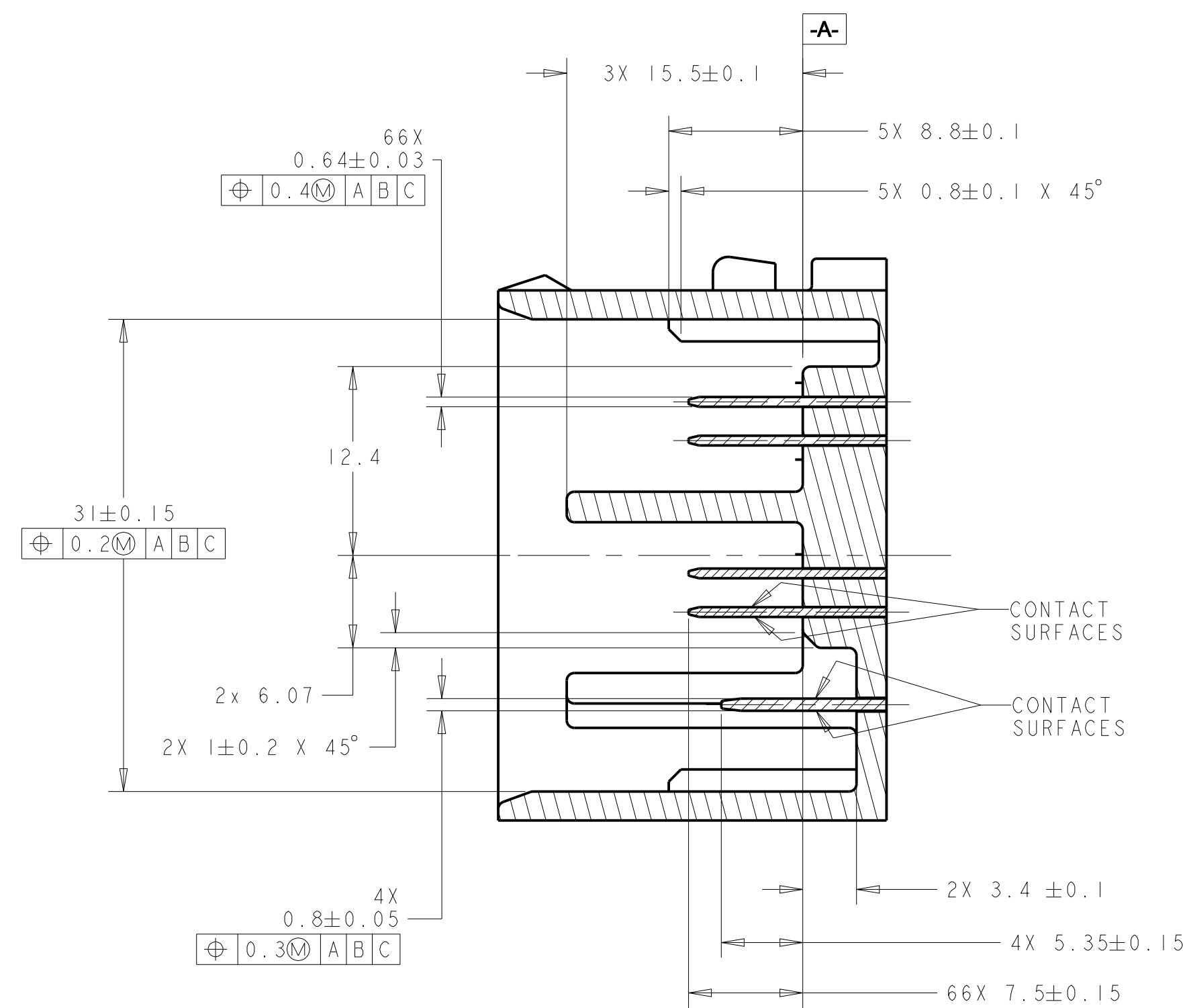
5

OF

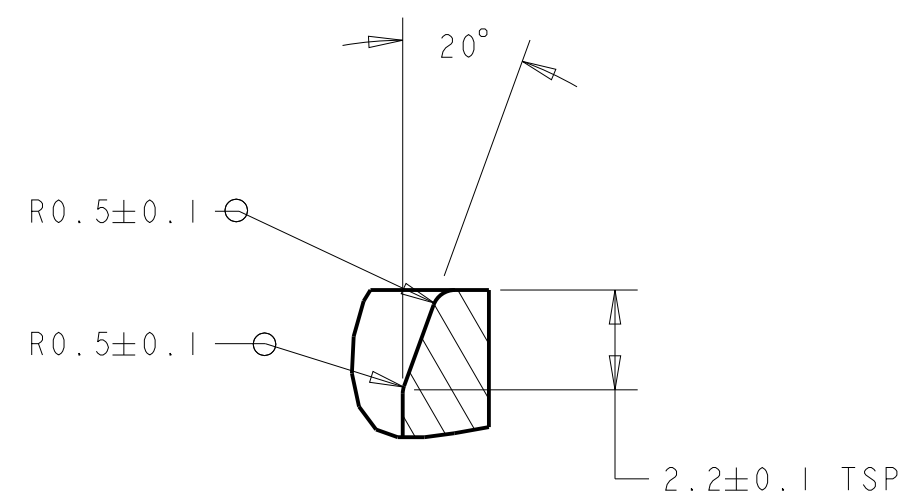
11

REV

647



SECTION C-C



DETAIL F
SCALE 6:1

1. GENERAL TOLERANCE:
 ± 0.3 ALL ONE PLACE DIMENSIONS
 ± 0.10 ALL TWO PLACE DIMENSIONS
 $\pm 1^{\circ}00'$ 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.

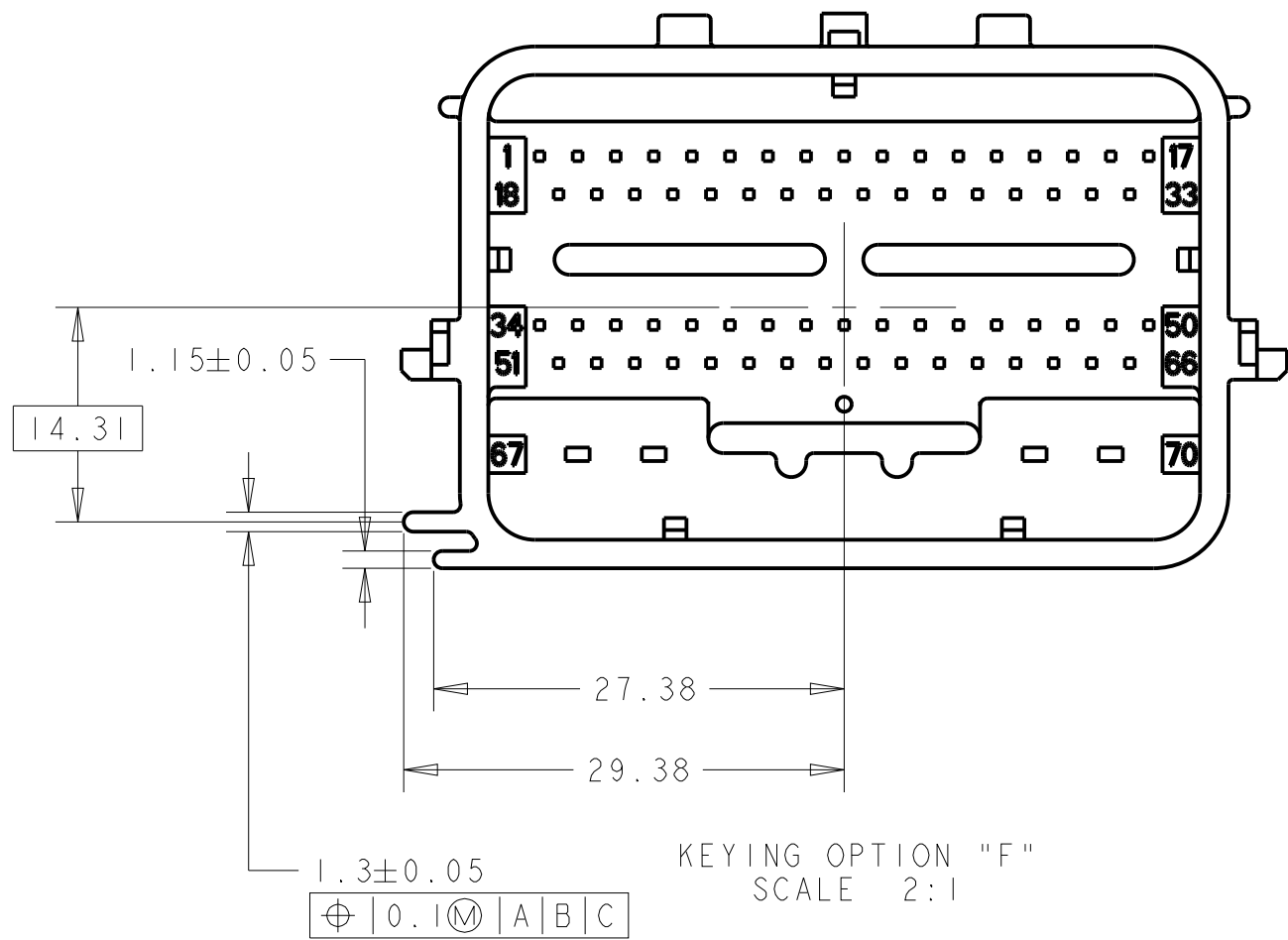
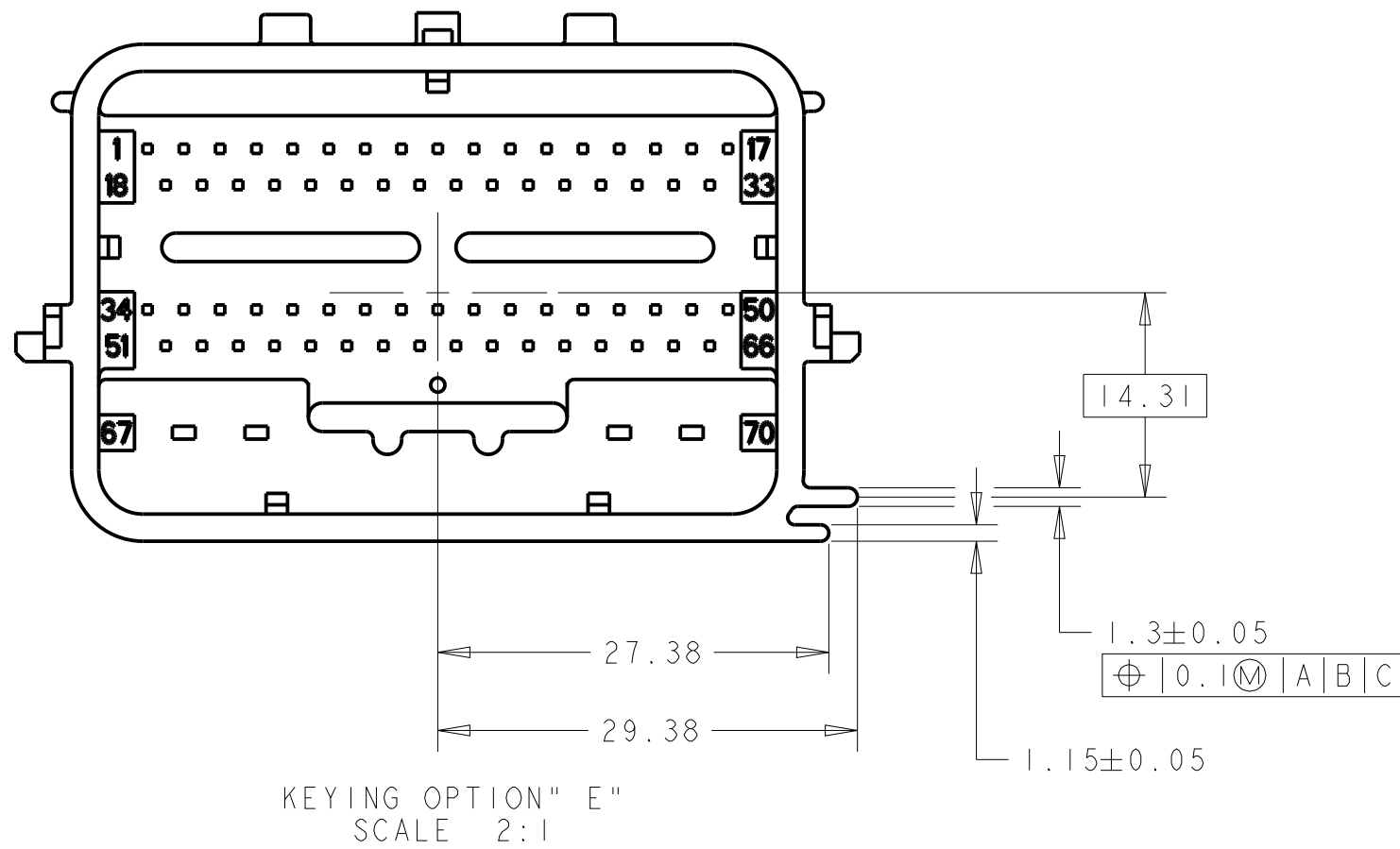
 TERMINAL POSITION IDENTIFICATION.

8. MATES WITH TYCO ELECTRONICS PART# 1438136-*

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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 ±.145 14.4 PLC ±.146 14.5 PLC ±.147 14.6 PLC ±.148 14.7 PLC ±.149 14.8 PLC ±.150 14.9 PLC ±.151 15.0 PLC ±.152 15.1 PLC ±.153 15.2 PLC ±.154 15.3 PLC ±.155 15.4 PLC ±.156 15.5 PLC ±.157 15.6 PLC ±.158 15.7 PLC ±.159 15.8 PLC ±.160 15.9 PLC ±.161 16.0 PLC ±.162 16.1 PLC ±.163 16.2 PLC ±.164 16.3 PLC ±.165 16.4 PLC ±.166 16.5 PLC ±.167 16.6 PLC ±.168 16.7 PLC ±.169 16.8 PLC ±.170 16.9 PLC ±.171 17.0 PLC ±.172 17.1 PLC ±.173 17.2 PLC ±.174 17.3 PLC ±.175 17.4 PLC ±.176 17.5 PLC ±.177 17.6 PLC ±.178 17.7 PLC ±.179 17.8 PLC ±.180 17.9 PLC ±.181 18.0 PLC ±.182 18.1 PLC ±.183 18.2 PLC ±.184 18.3 PLC ±.185 18.4 PLC ±.186 18.5 PLC ±.187 18.6 PLC ±.188 18.7 PLC ±.189 18.8 PLC ±.190 18.9 PLC ±.191 19.0 PLC ±.192 19.1 PLC ±.193 19.2 PLC ±.194 19.3 PLC ±.195 19.4 PLC ±.196 19.5 PLC ±.197 19.6 PLC ±.198 19.7 PLC ±.199 19.8 PLC ±.200 19.9 PLC ±.201 20.0 PLC ±.202 20.1 PLC ±.203 20.2 PLC ±.204 20.3 PLC ±.205 20.4 PLC ±.206 20.5 PLC ±.207 20.6 PLC ±.208 20.7 PLC ±.209 20.8 PLC ±.210 20.9 PLC ±.211 21.0 PLC ±.212 21.1 PLC ±.213 21.2 PLC ±.214 21.3 PLC ±.215 21.4 PLC ±.216 21.5 PLC ±.217 21.6 PLC ±.218 21.7 PLC ±.219 21.8 PLC ±.220 21.9 PLC ±.221 22.0 PLC ±.222 22.1 PLC ±.223 22.2 PLC ±.224 22.3 PLC ±.225 22.4 PLC ±.226 22.5 PLC ±.227 22.6 PLC ±.228 22.7 PLC ±.229 22.8 PLC ±.230 22.9 PLC ±.231 23.0 PLC ±.232 23.1 PLC ±.233 23.2 PLC ±.234 23.3 PLC ±.235 23.4 PLC ±.236 23.5 PLC ±.237 23.6 PLC ±.238 23.7 PLC ±.239 23.8 PLC ±.240 23.9 PLC ±.241 24.0 PLC ±.242 24.1 PLC ±.243 24.2 PLC ±.244 24.3 PLC ±.245 24.4 PLC ±.246 24.5 PLC ±.247 24.6 PLC ±.248 24.7 PLC ±.249 24.8 PLC ±.250 24.9 PLC ±.251 25.0 PLC ±.252 25.1 PLC ±.253 25.2 PLC ±.254 25.3 PLC ±.255 25.4 PLC ±.256 25.5 PLC ±.257 25.6 PLC ±.258 25.7 PLC ±.259 25.8 PLC ±.260 25.9 PLC ±.261 26.0 PLC ±.262 26.1 PLC ±.263 26.2 PLC ±.264 26.3 PLC ±.265 26.4 PLC ±.266 26.5 PLC ±.267 26.6 PLC ±.268 26.7 PLC ±.269 26.8 PLC ±.270 26.9 PLC ±.271 27.0 PLC ±.272 27.1 PLC ±.273 			

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	SCALE 2:1 SHEET 11 OF 11	
	3 PLC ±0.10	CUSTOMER DRAWING	REV 647	
	4 PLC ±0.10			
	ANGLES ±1°			
	FINISH			

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[TE Connectivity:](#)

[9-1438136-0](#)