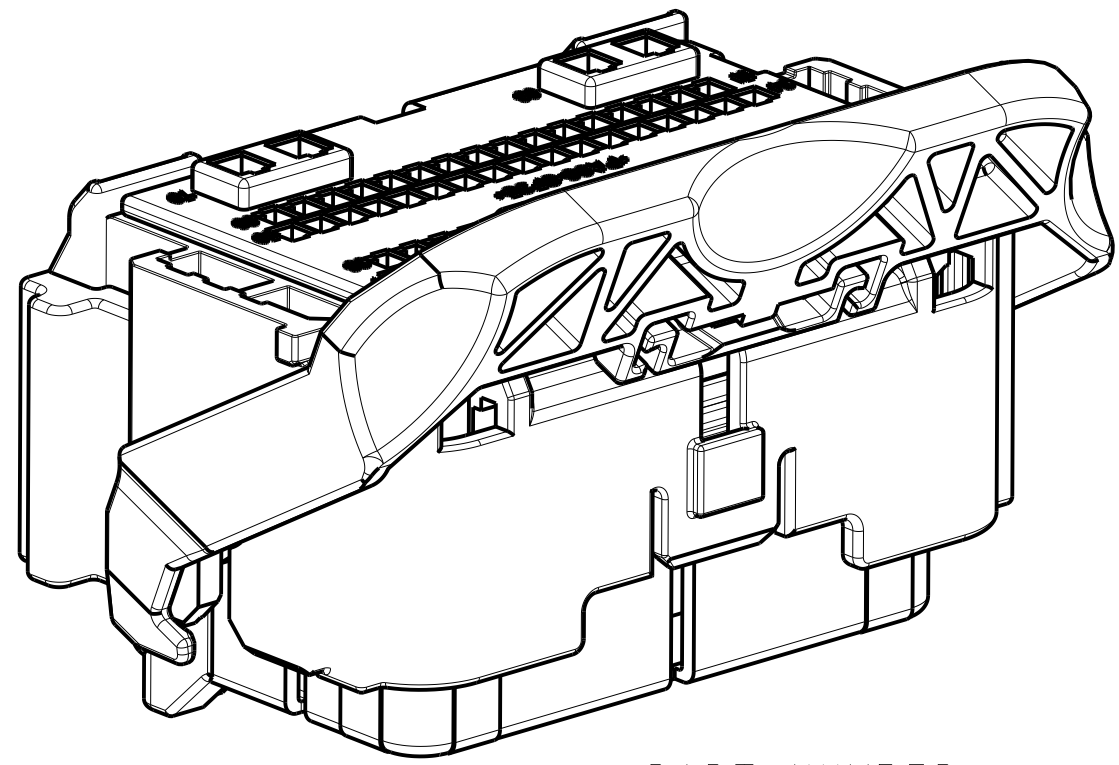
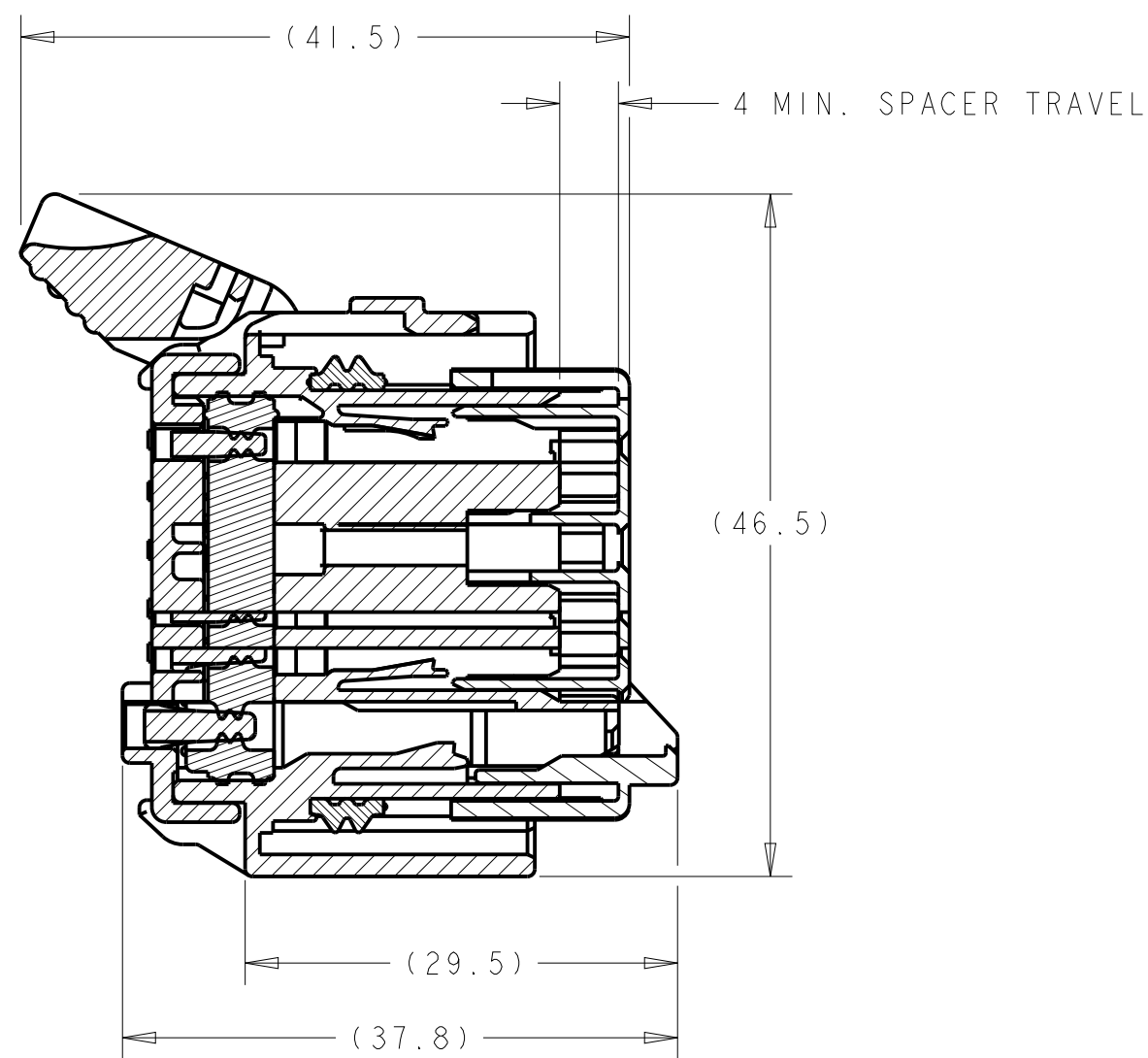
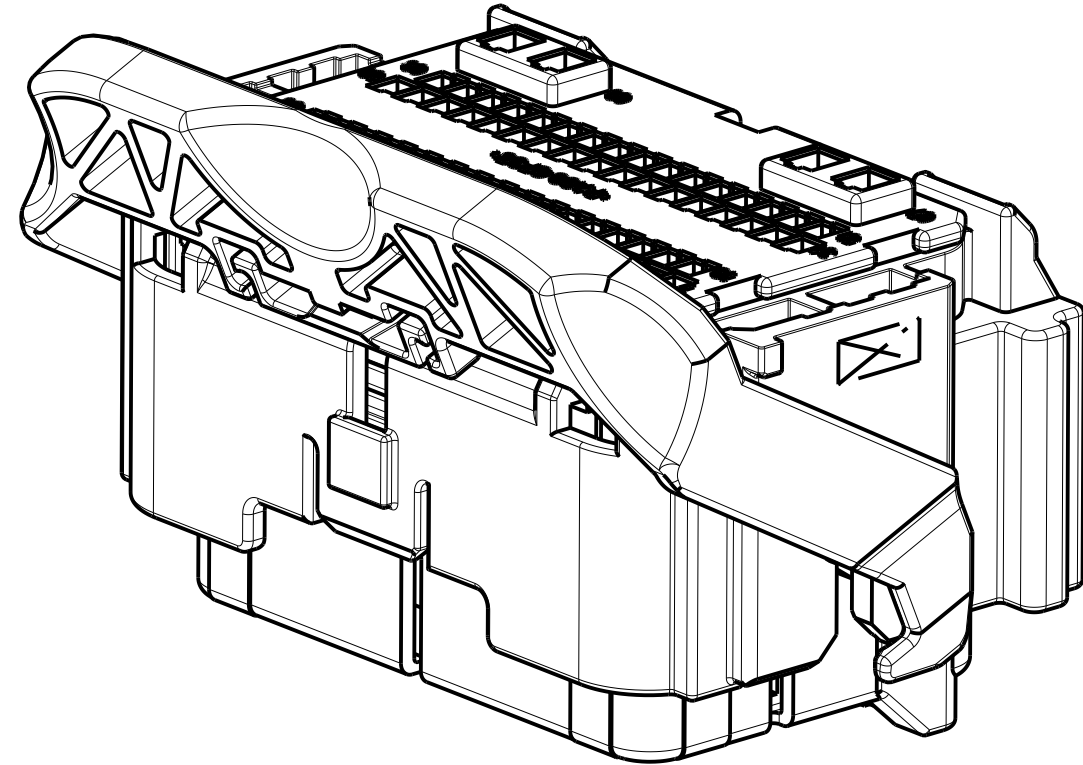
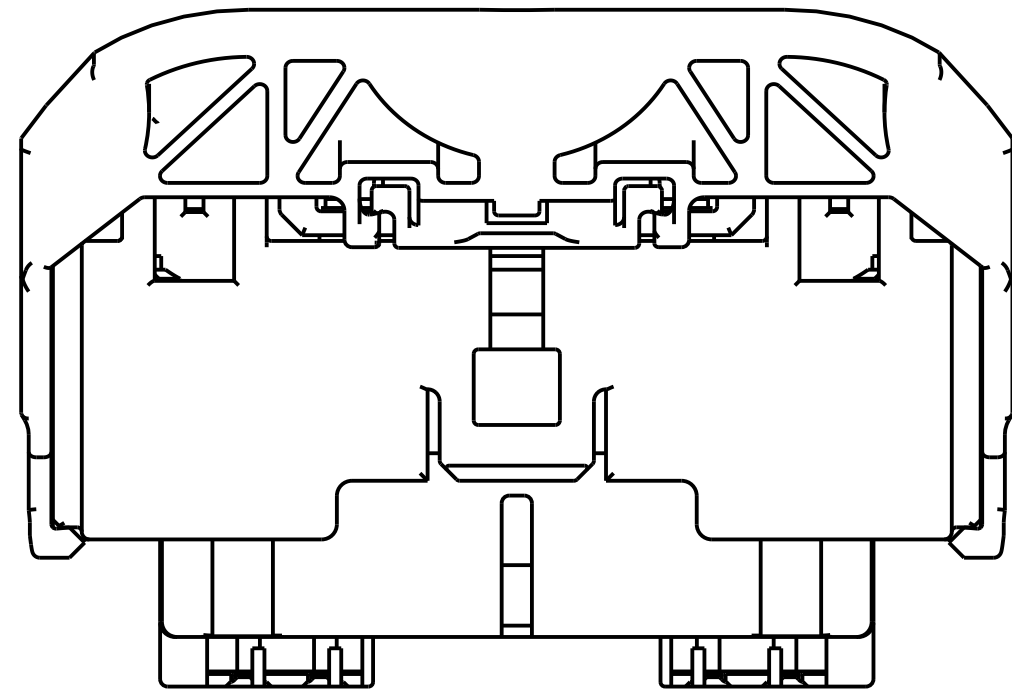
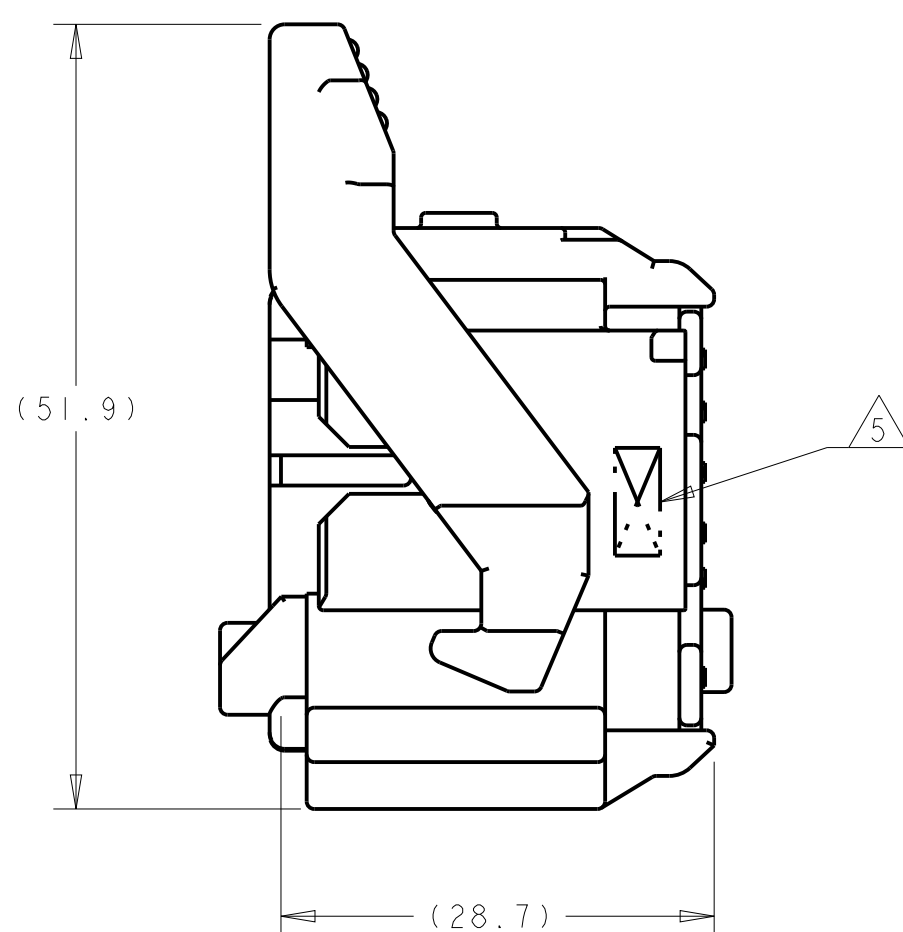
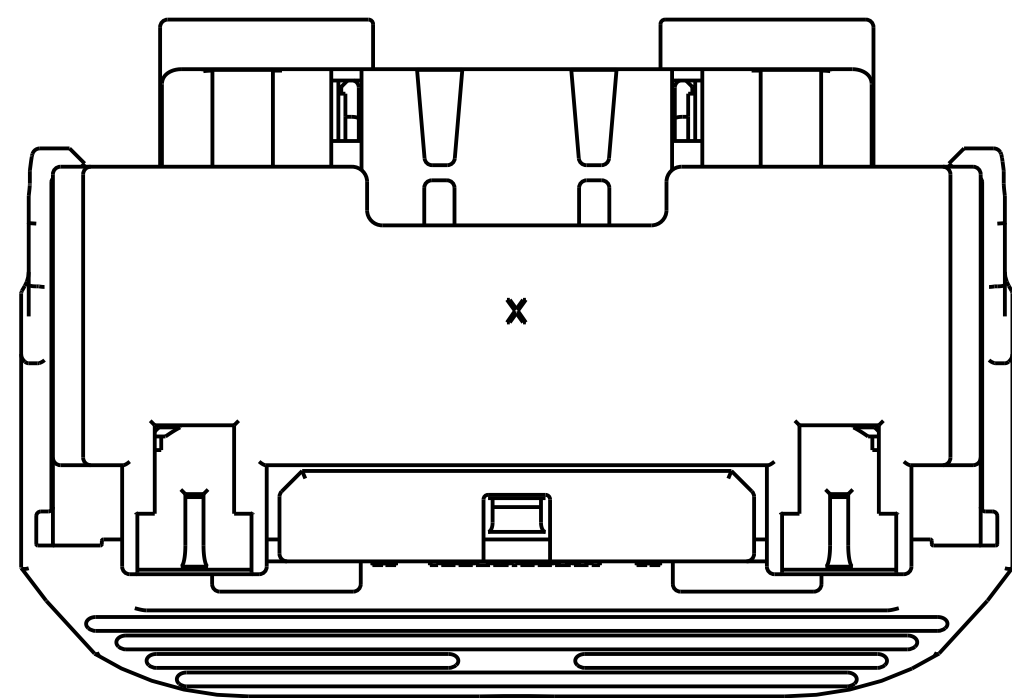
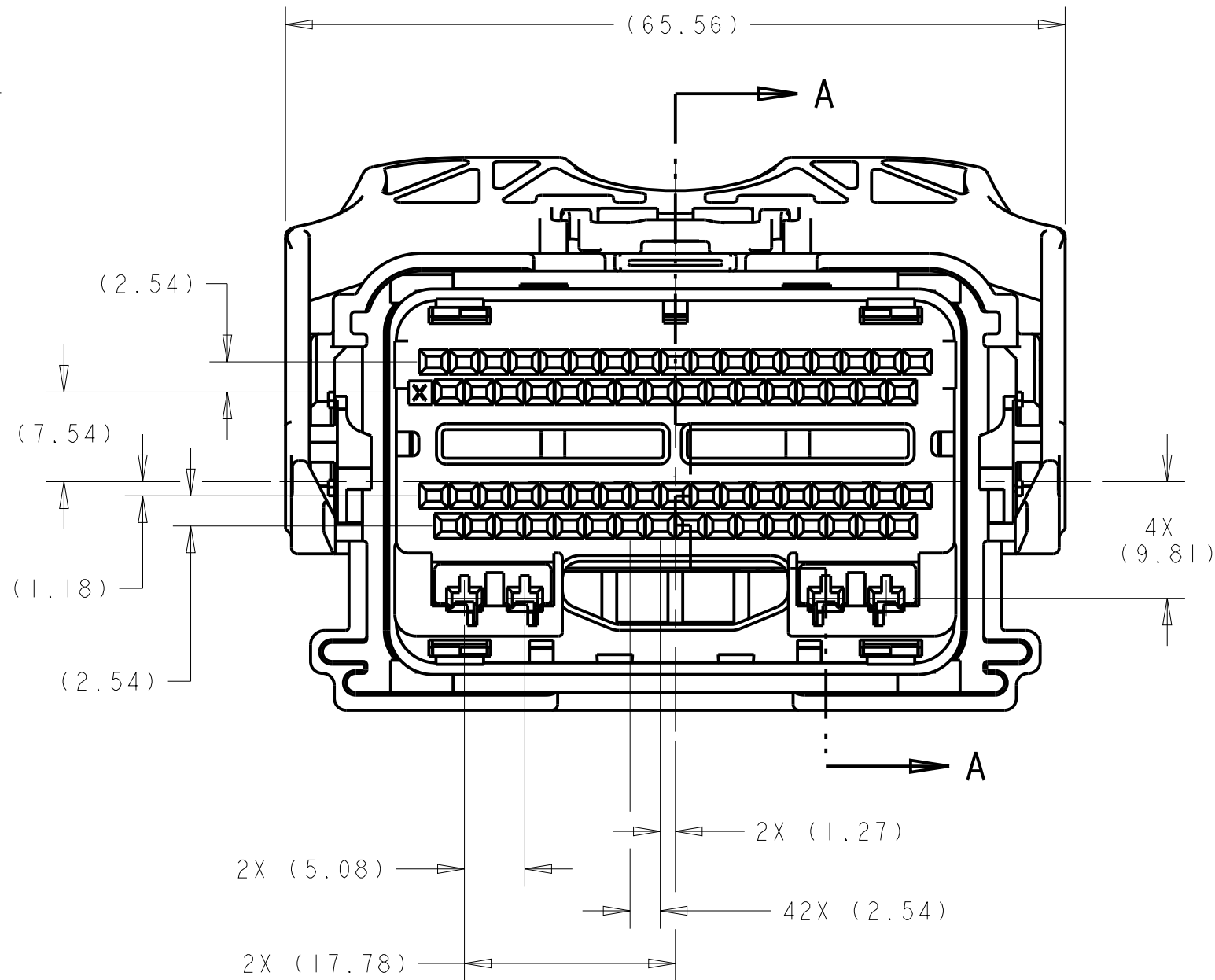




PART NUMBER:
1438136-1
SHOWN WITH SPACER
IN SEATED POSITION



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



SHOWN WITH CAM
LEVER AND SPACER
IN LOADED POSITION

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

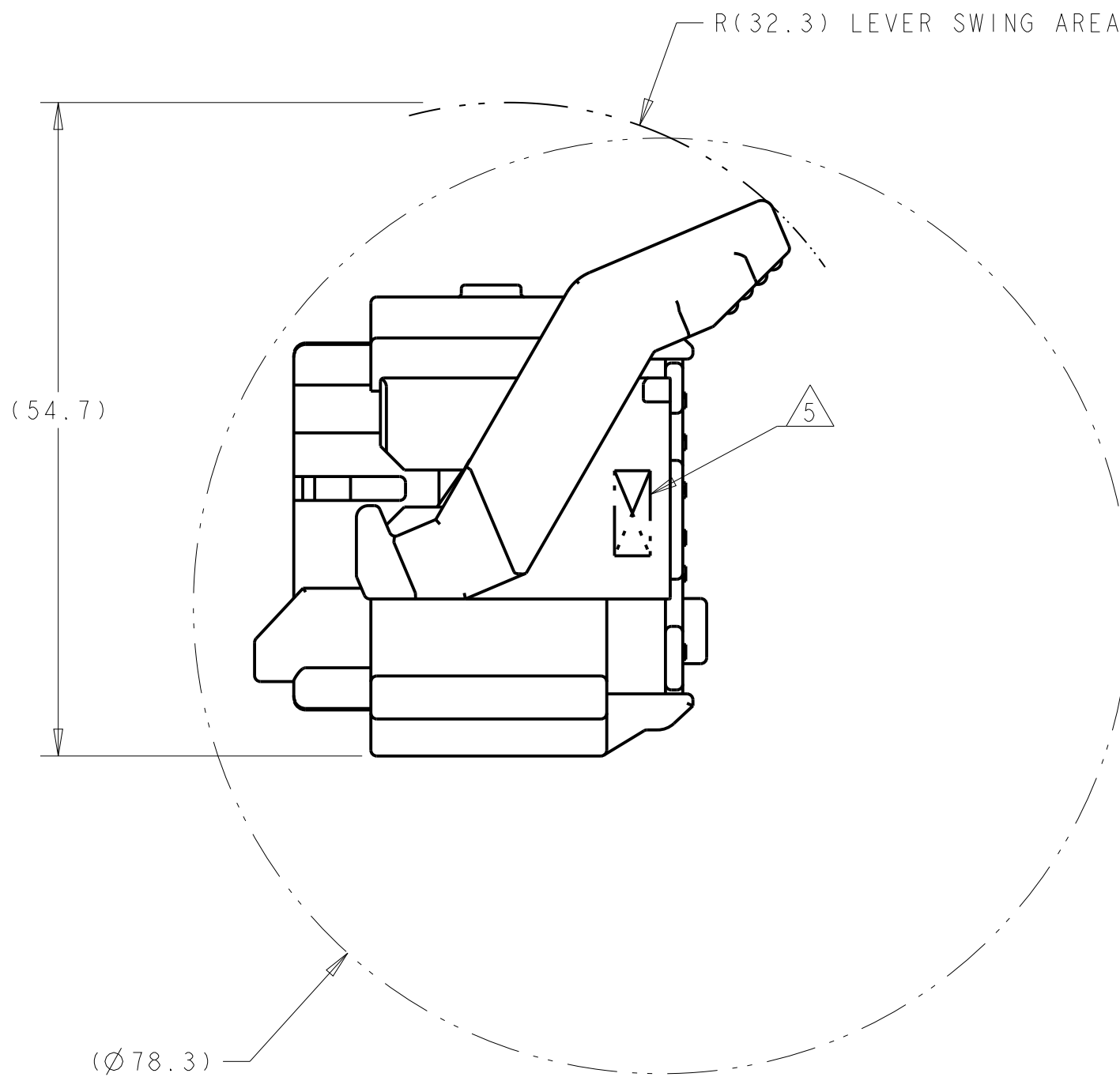
1. PRINT FORD PART NUMBER (SEE ATTACHED CHARTS) AND TRACEABILITY CODE (YY = 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR) IN THIS LOCATION AT ASSEMBLY. SEE SHEETS 3, 4 AND 5 (-*) PART NUMBERS.

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.

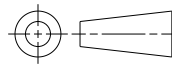
 COMPANY LOGO.



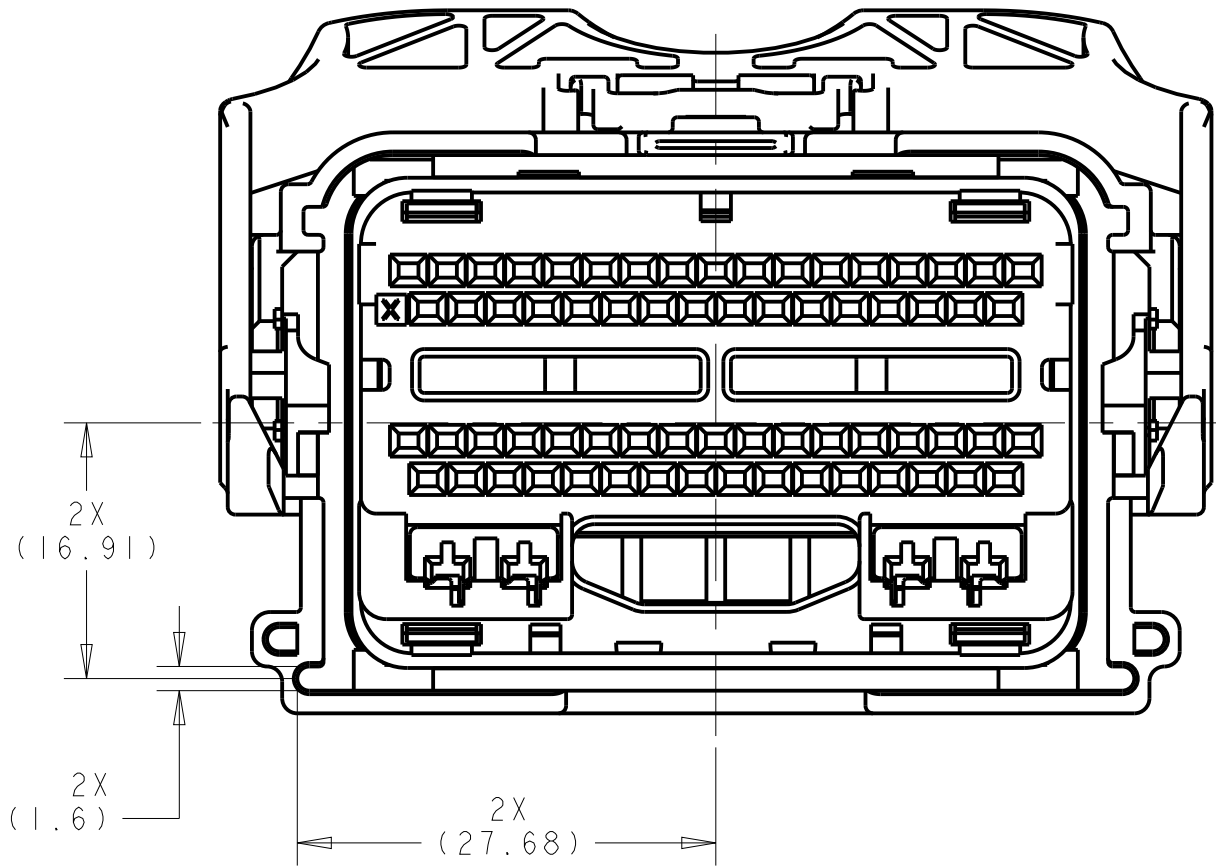
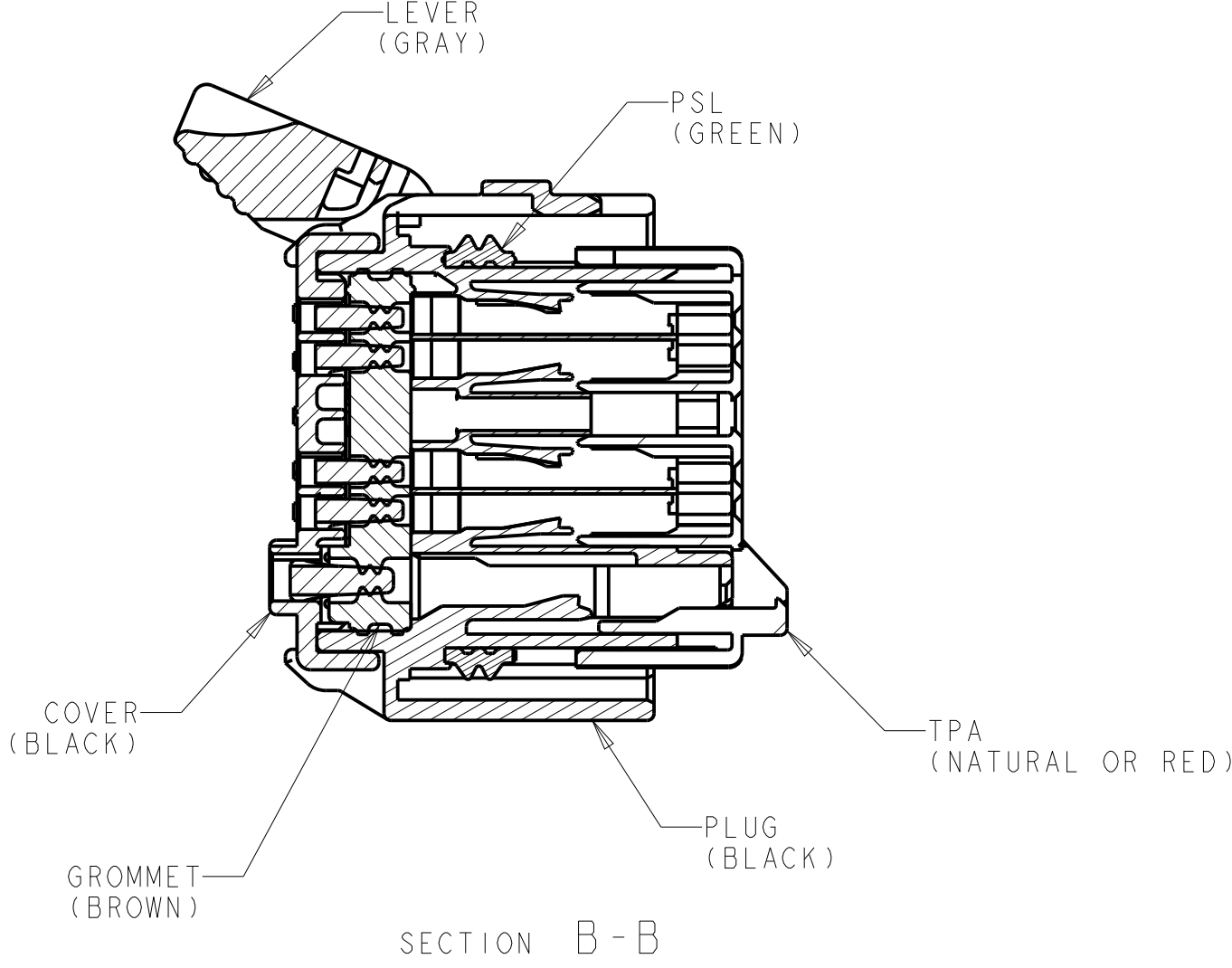
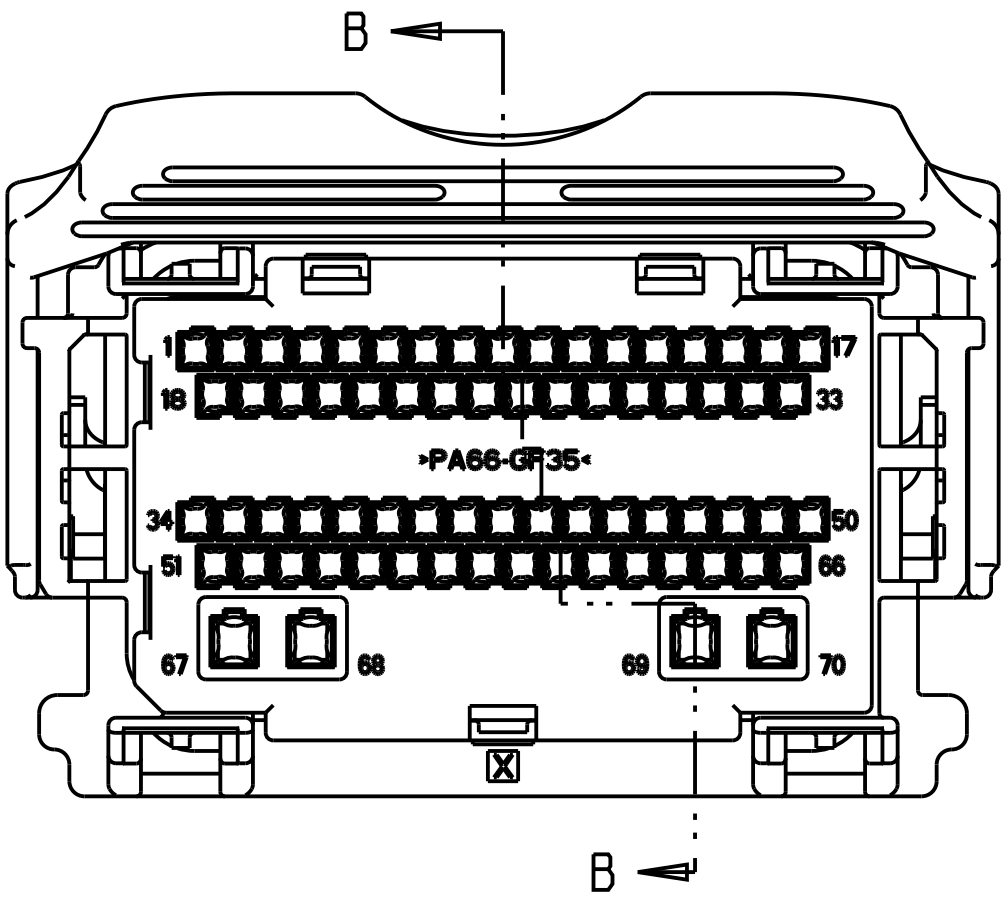
MIN. FEED THRU CONDITION
WITH 1mm CLEARANCE ALL AROUND
SHOWN WITH SPACER IN SEATED POSITION

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

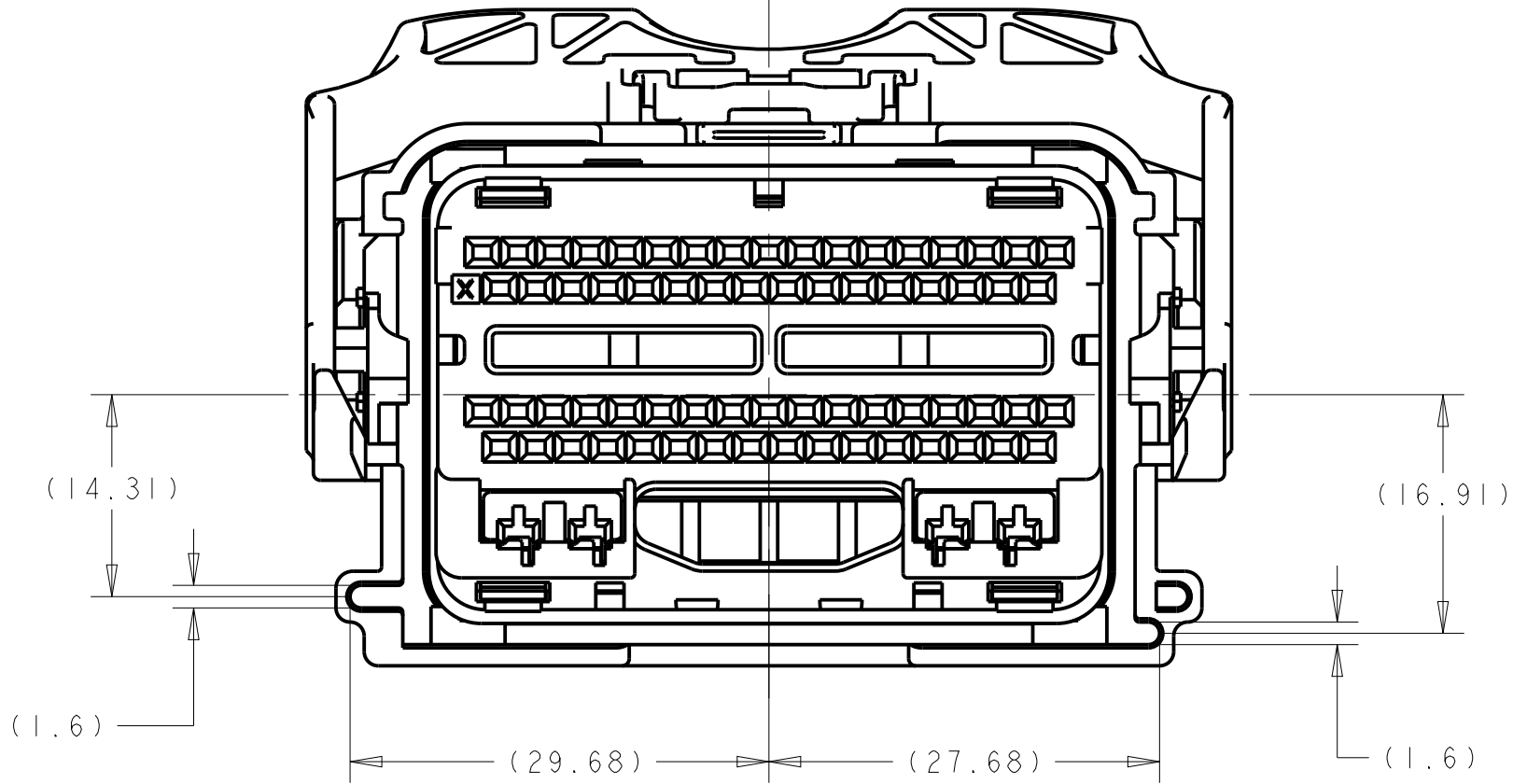
SEE SHEETS 3 THRU 7
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN. R. VESTAL	15APR2005	 TE Connectivity	
		CHK. T. VALASEK	15APR2005		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.3 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±. 4 PLC ±. ANGLES ±1°		PRODUCT SPEC	
				APPLICATION SPEC	
MATERIAL				WEIGHT	
				CUSTOMER DRAWING	
				SIZE CAGE CODE DRAWING NO	
				A100779C=1438136	
				RESTRICTED TO	
				REV. G47	
				SCALE 2:1 SHEET 1 OF 11	

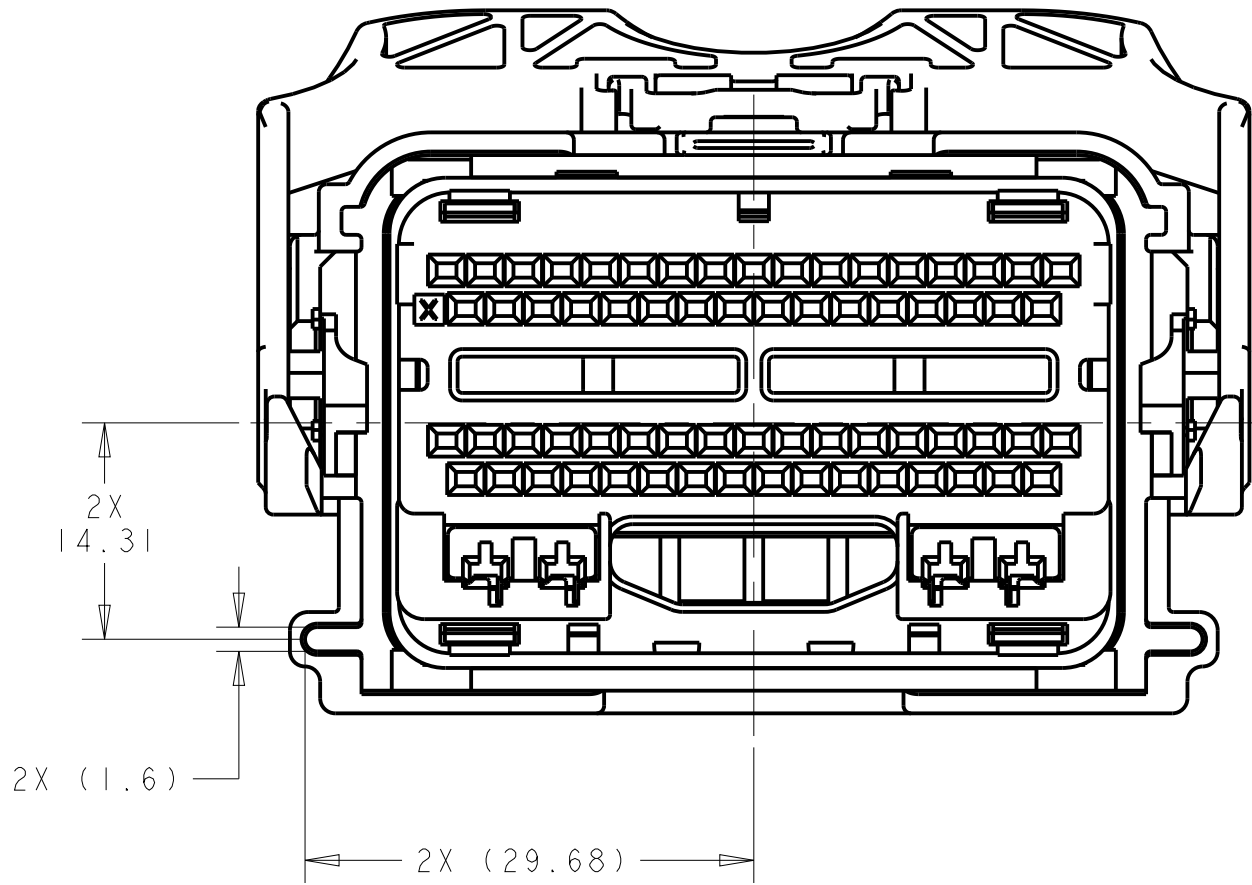
REVISIONS				
P.	LTR.	DESCRIPTION	DATE	OWN APVD
-	-	SEE SHEET 1	-	-



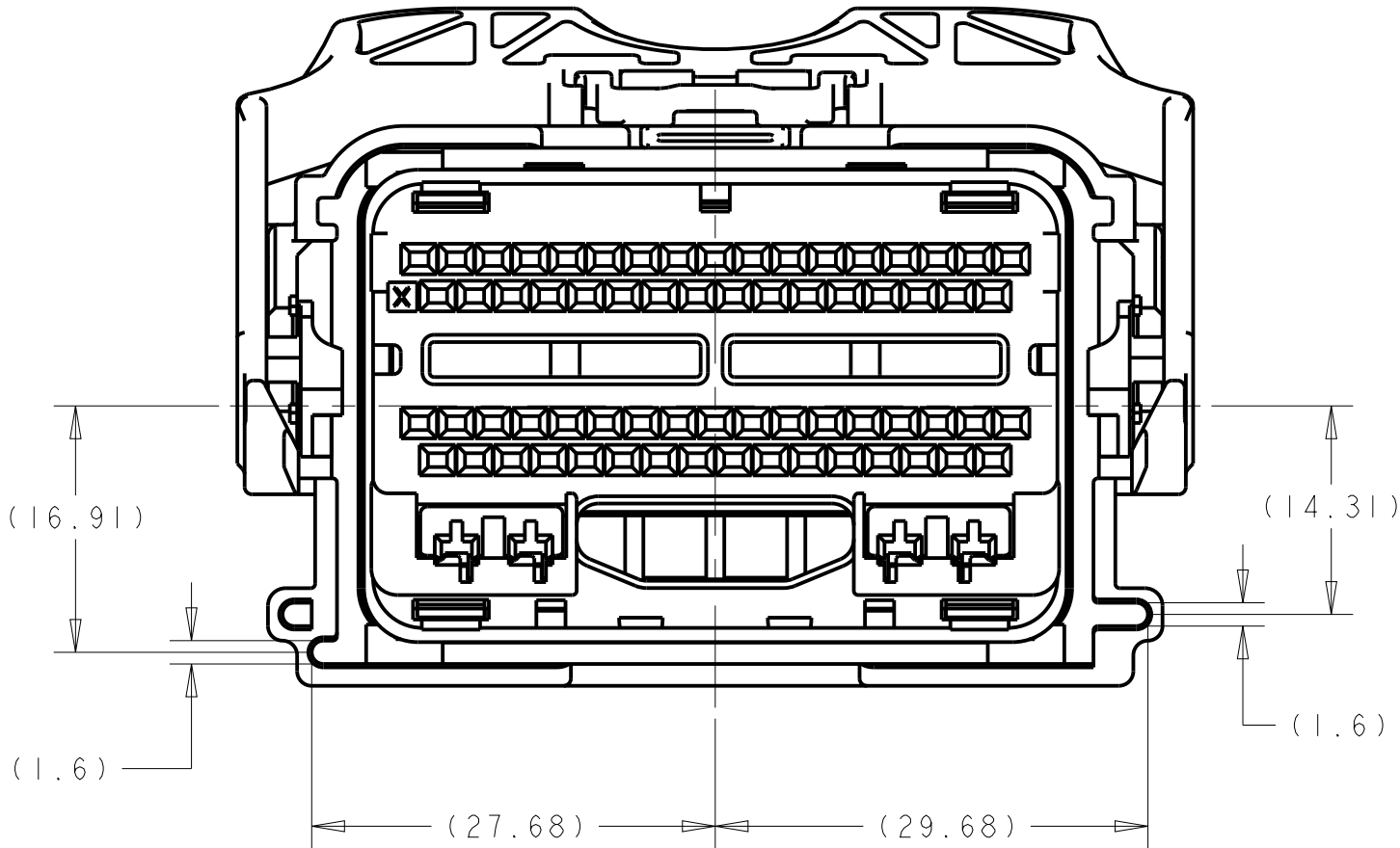
KEYING OPTION "A"



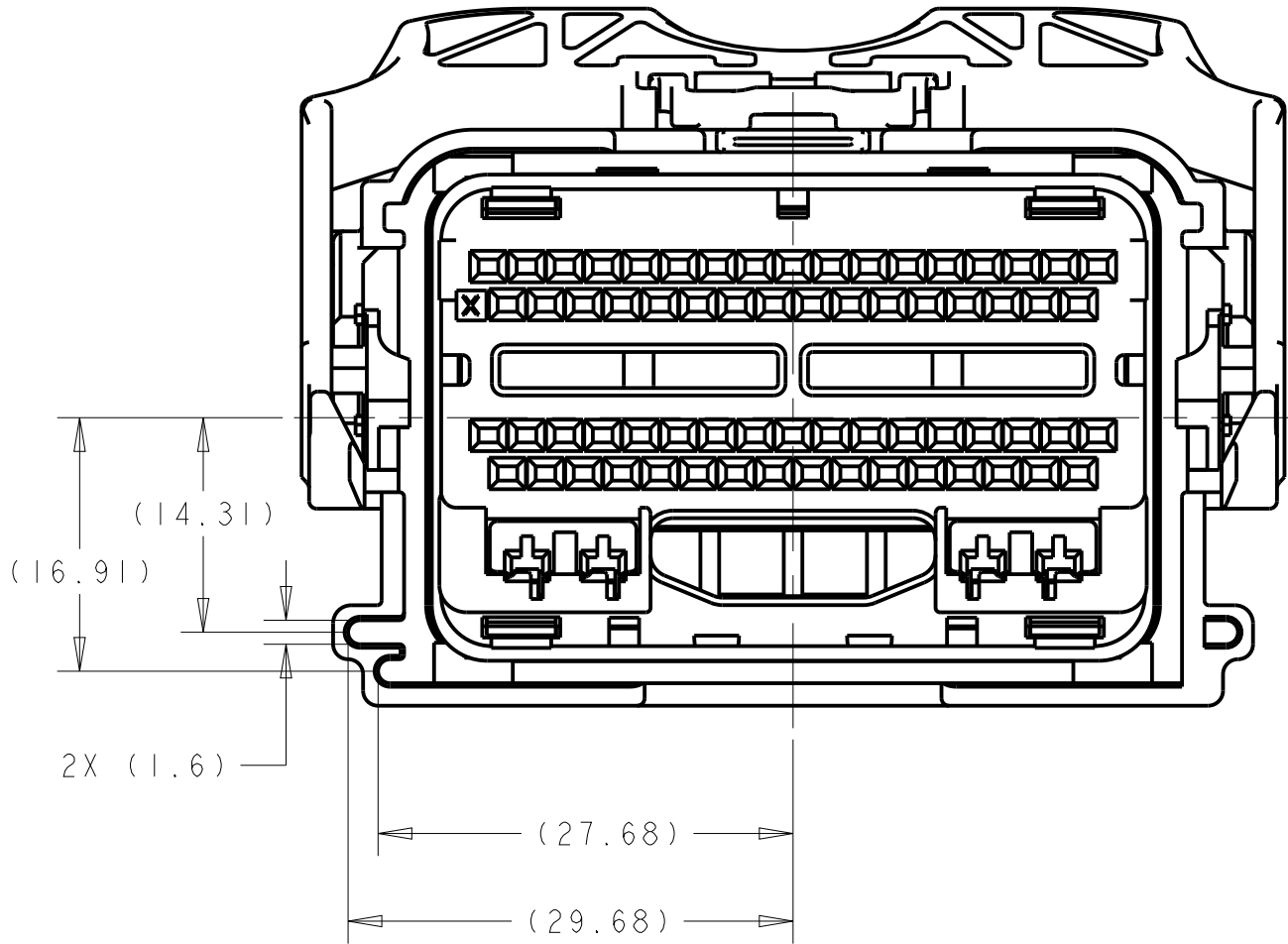
KEYING OPTION "B"



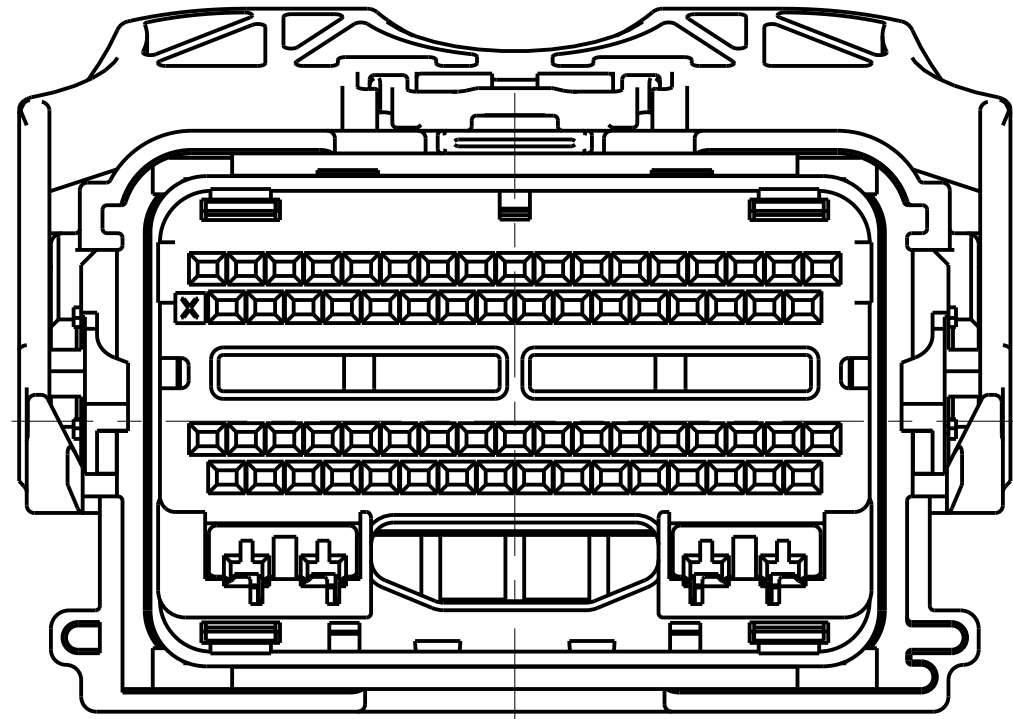
KEYING OPTION "C"



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

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

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 ±.3

1 PLC ±0.10

2 PLC ±.

3 PLC ±.

4 PLC ±.

ANGLES ±1°

FINISH

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

70-WAY HARNESS ASSEMBLY

SIZE CAGE CODE DRAWING NO

A100779C=1438136

RESTRICTED TO

-

TE Connectivity

SCALE 2:1

SHEET 5 OF 11

REV 647

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

KEYING OPTION D

CAVITIES WITH A NUMERIC
SYMBOL INDICATES CLOSED
TERMINAL LOCATIONS

BLANK CAVITIES INDICATES
OPEN TERMINAL
HOLE LOCATIONS

TERMINAL HOLE POSITION

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 15APR2005 CHK VALASEK	 TE Connectivity	
DIMENSIONS:		APRD 15APR2005		
mm		70-TERMINAL UNLESS OTHERWISE SPECIFIED:		
		PRODUCT SPEC		70-WAY HARNESS ASSEMBLY
		APPLICATION SPEC		
		SIZE		
		CAGE CODE		
		DRAWING NO		
MATERIAL		WEIGHT		RESTRICTED TO
FINISH		CUSTOMER DRAWING		
-	-	A100779C-1438136		-
		SCALE		SHEET 7 OF 11
		SCALE 2:1		REV 647

THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION	20
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REVISIONS					
#	LYR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET I	-	-	-

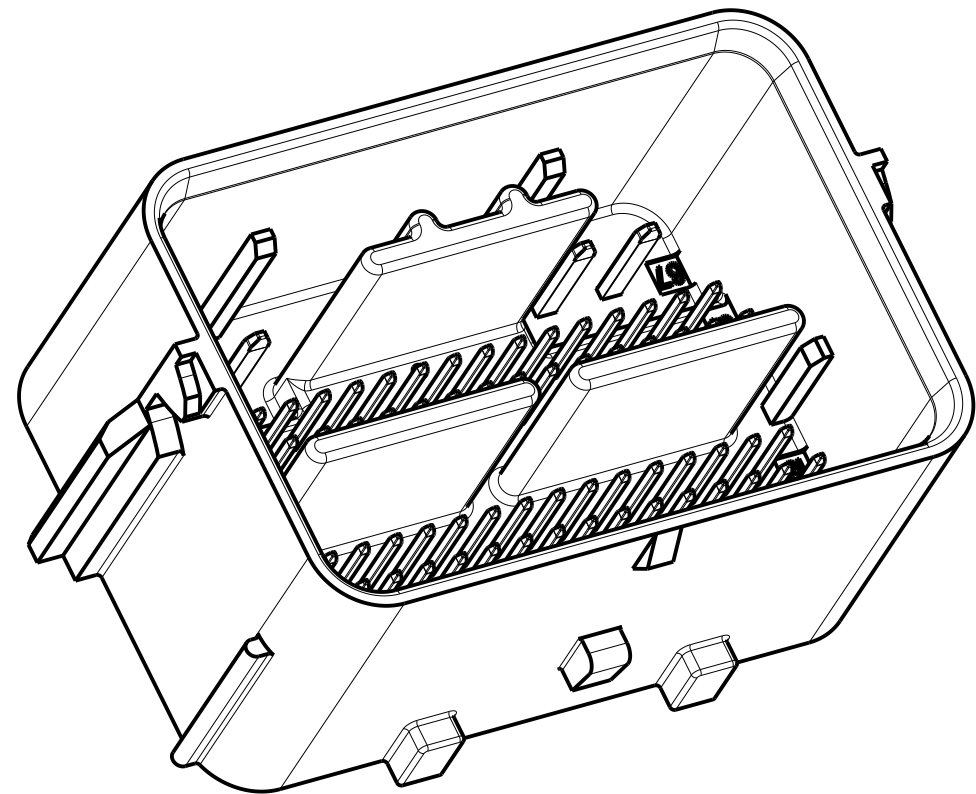
KEYING OPTION F

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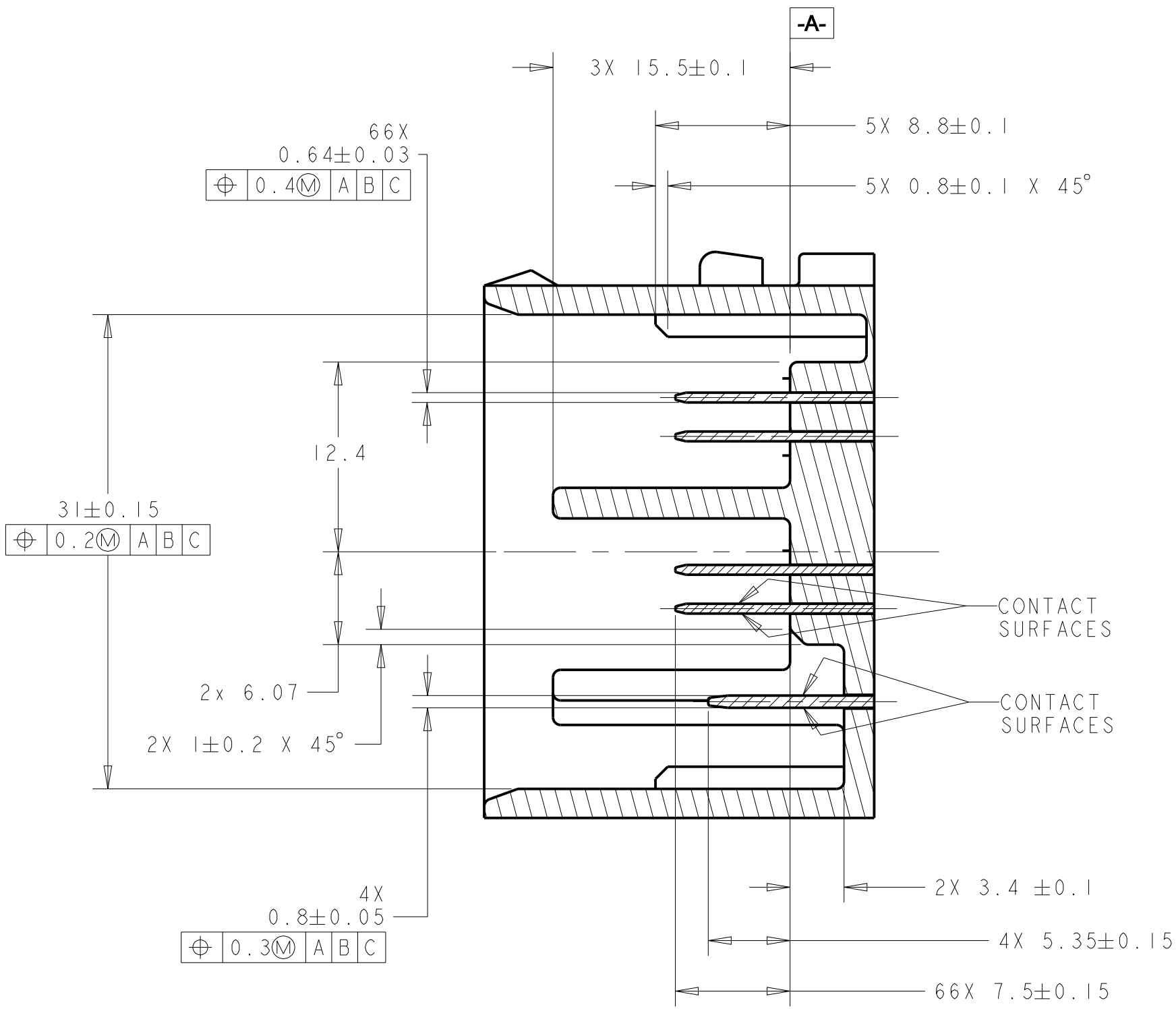
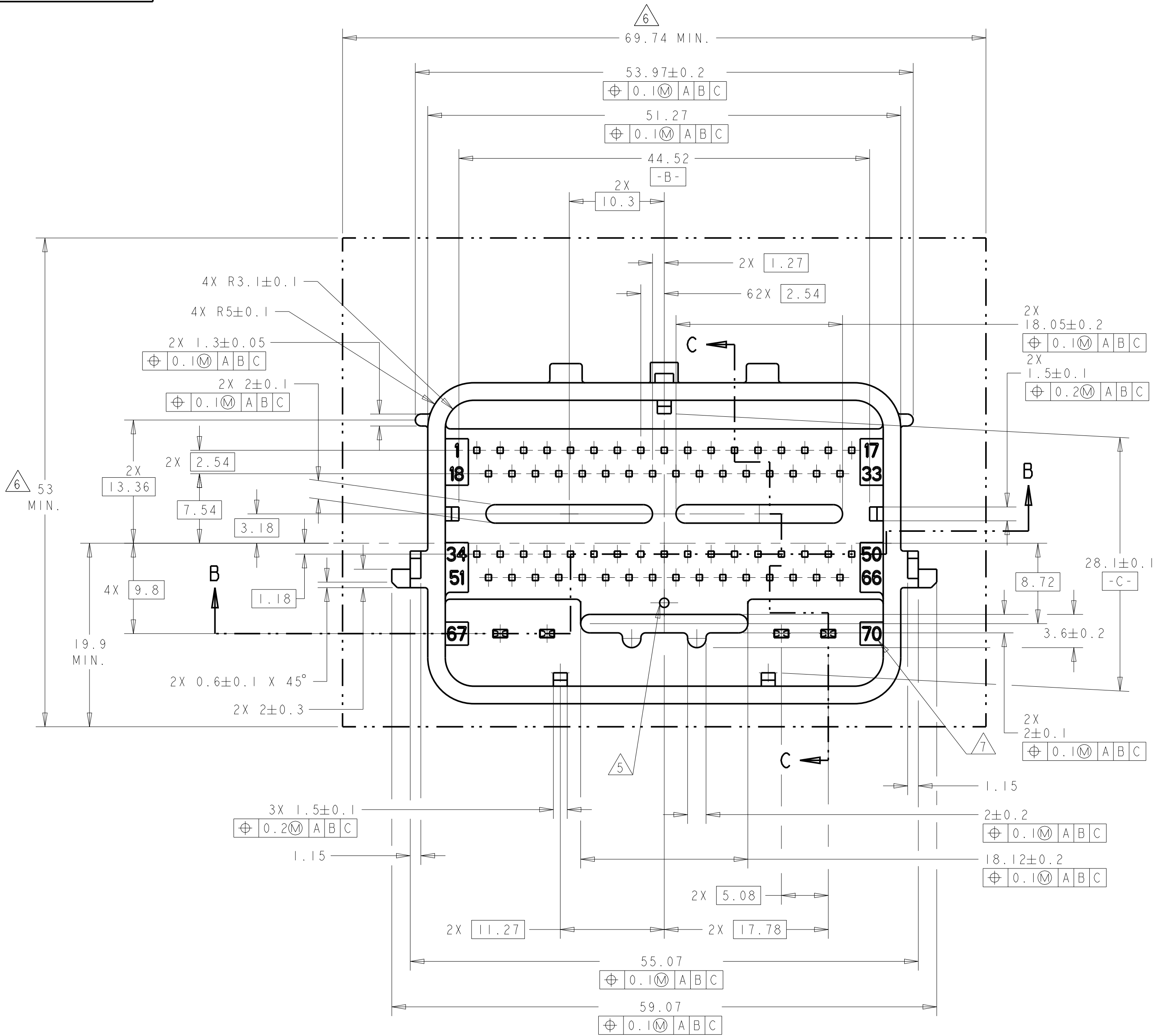
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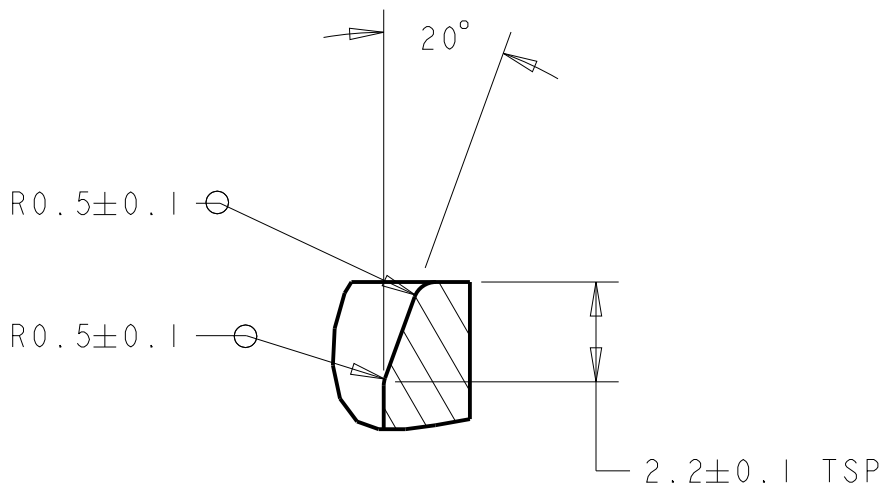
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RES. VESTAL 15APR2005 CHK T. VALASEK 15APR2005 APP'D T. VALASEK 15APR2005		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.0 .1 PLC ±.03 .2 PLC ±.04 .3 PLC ±.05 .4 PLC ±.06 .5 PLC ±.07 .6 PLC ±.08 .7 PLC ±.09 .8 PLC ±.10 .9 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 ±.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 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27.7 PLC ±.279 27.8 PLC ±.280 27.9 PLC ±.281 28.0 PLC ±.282 28.1 PLC ±.283 28.2 PLC ±.284 28.3 PLC ±.285 28.4 PLC ±.286 28.5 PLC ±.287 28.6 PLC ±.288 28.7 PLC ±.289 28.8 PLC ±.290 28.9 PLC ±.291 29.0 PLC ±.292 29.1 PLC ±.293 29.2 PLC ±.294 29.3 PLC ±.295 29.4 PLC ±.296 29.5 PLC ±.297 29.6 PLC ±.298 29.7 PLC ±.299 29.8 PLC ±.300 29.9 PLC ±.301 30.0 PLC ±.302 30.1 PLC ±.303 30.2 PLC ±.304 30.3 PLC ±.305 30.4 PLC ±.306 30.5 PLC ±.307 30.6 PLC ±.308 30.7 PLC ±.309 30.8 PLC ±.310 30.9 PLC ±.311 31.0 PLC ±.312 31.1 PLC ±.313 31.2 PLC ±.314 31.3 PLC ±.315 31.4 PLC ±.316 31.5 PLC ±.317 31.6 PLC ±.318 31.7 PLC ±.319 31.8 PLC ±.320 31.9 PLC ±.321 32.0 PLC ±.322 32.1 PLC ±.323 32.2 PLC ±.324 32.3 PLC ±.325 32.4 PLC ±.326 32.5 PLC ±.327 32.6 PLC ±.328 32.7 PLC ±.329 32.8 PLC ±.330 32.9 PLC ±.331 33.0 PLC ±.332 33.1 PLC ±.333 33.2 PLC ±.334 33.3 PLC ±.335 33.4 PLC ±.336 33.5 PLC ±.337 33.6 PLC ±.338 33.7 PLC ±.339 33.8 PLC ±.340 33.9 PLC ±.341 34.0 PLC ±.342 34.1 PLC ±.343 34.2 PLC ±.344 34.3 PLC 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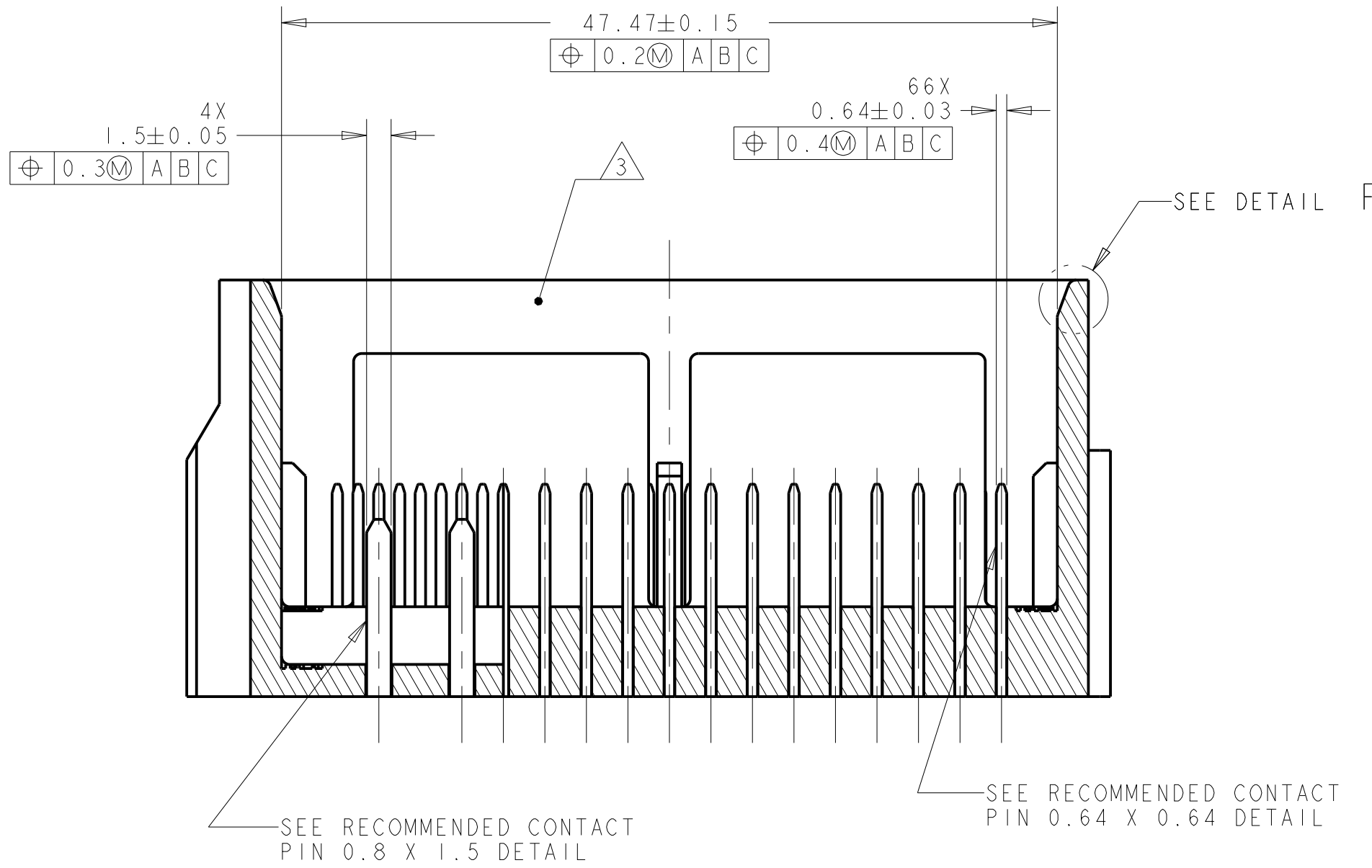
SCALE 2:1



SECTION C-C



DETAIL F
SCALE 6:1



SECTION B-B

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-*

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

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

D

C

B

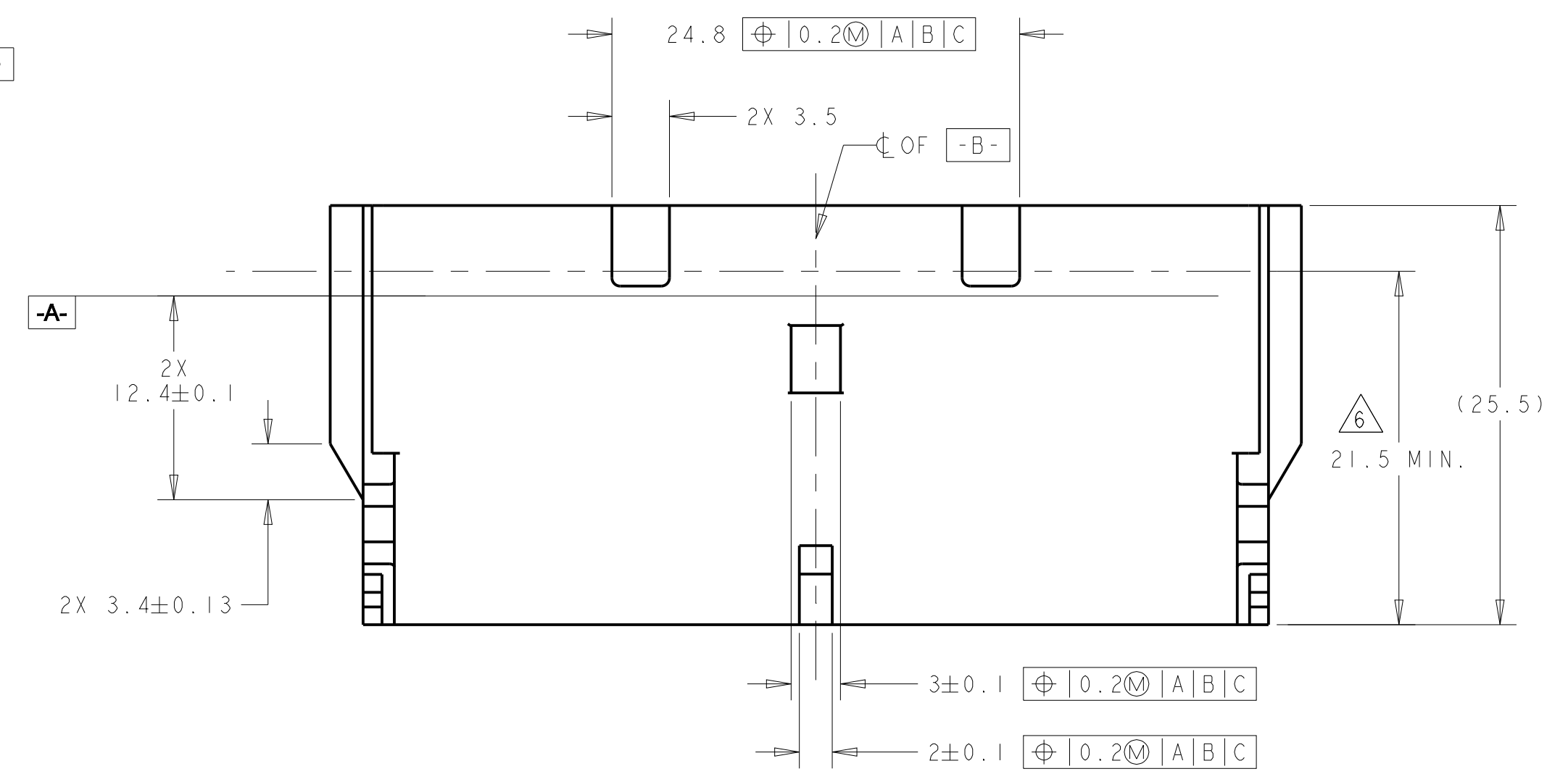
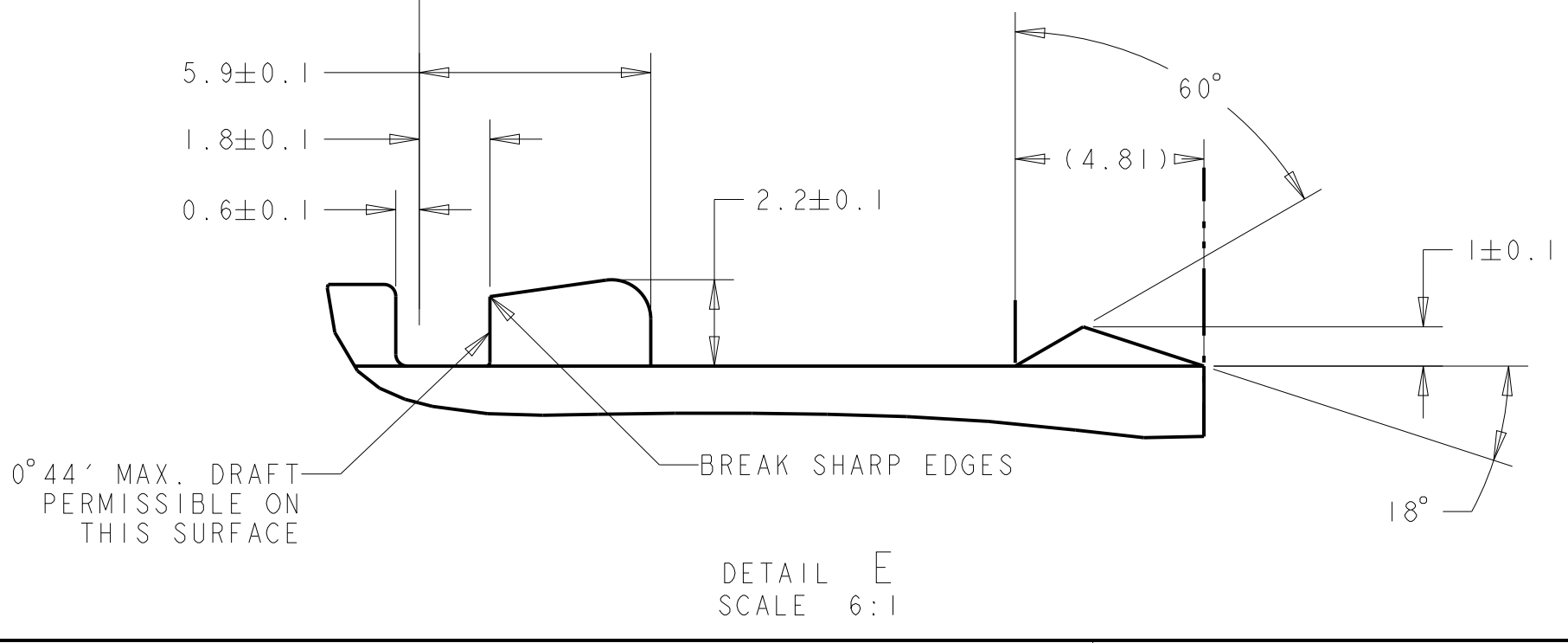
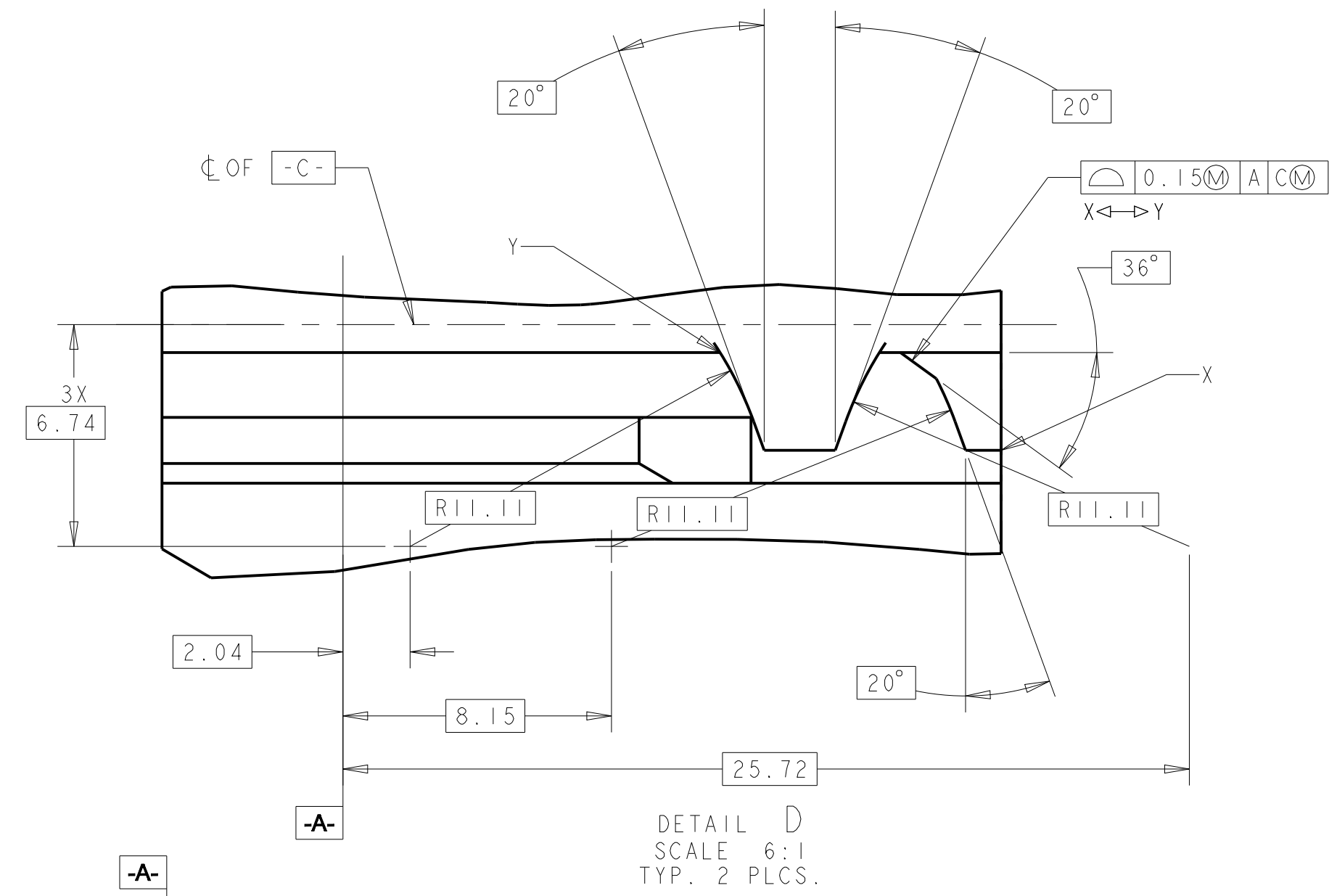
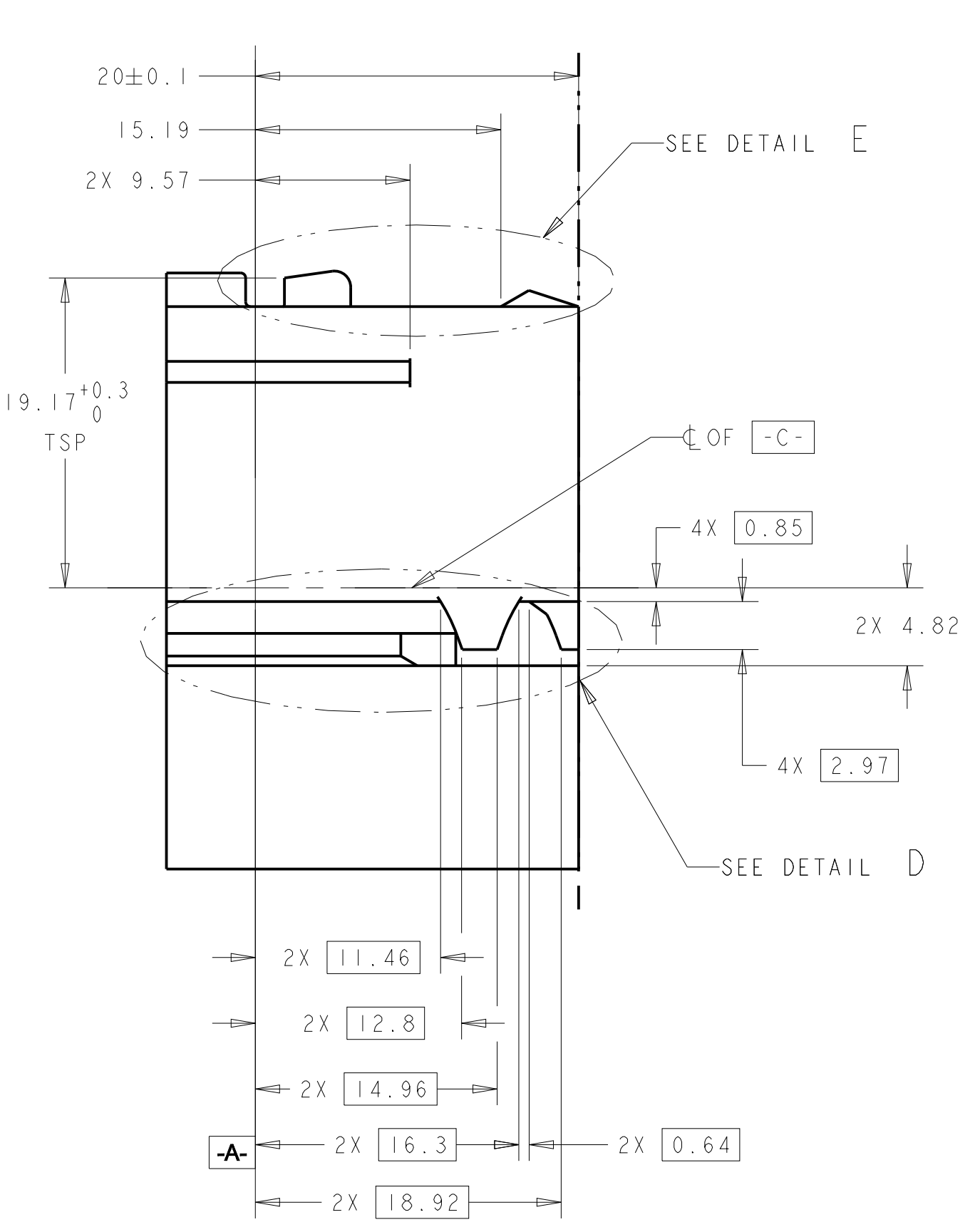
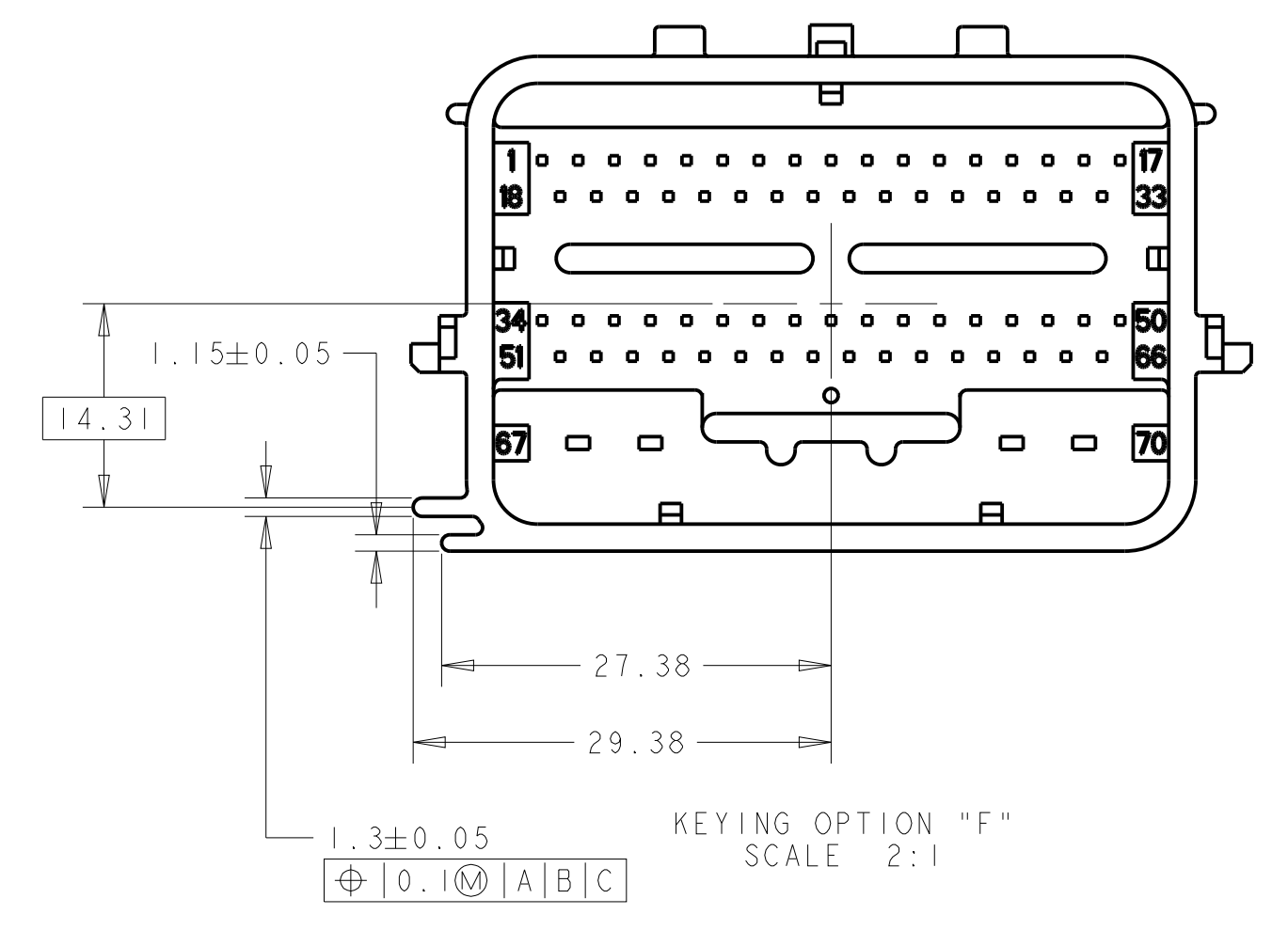
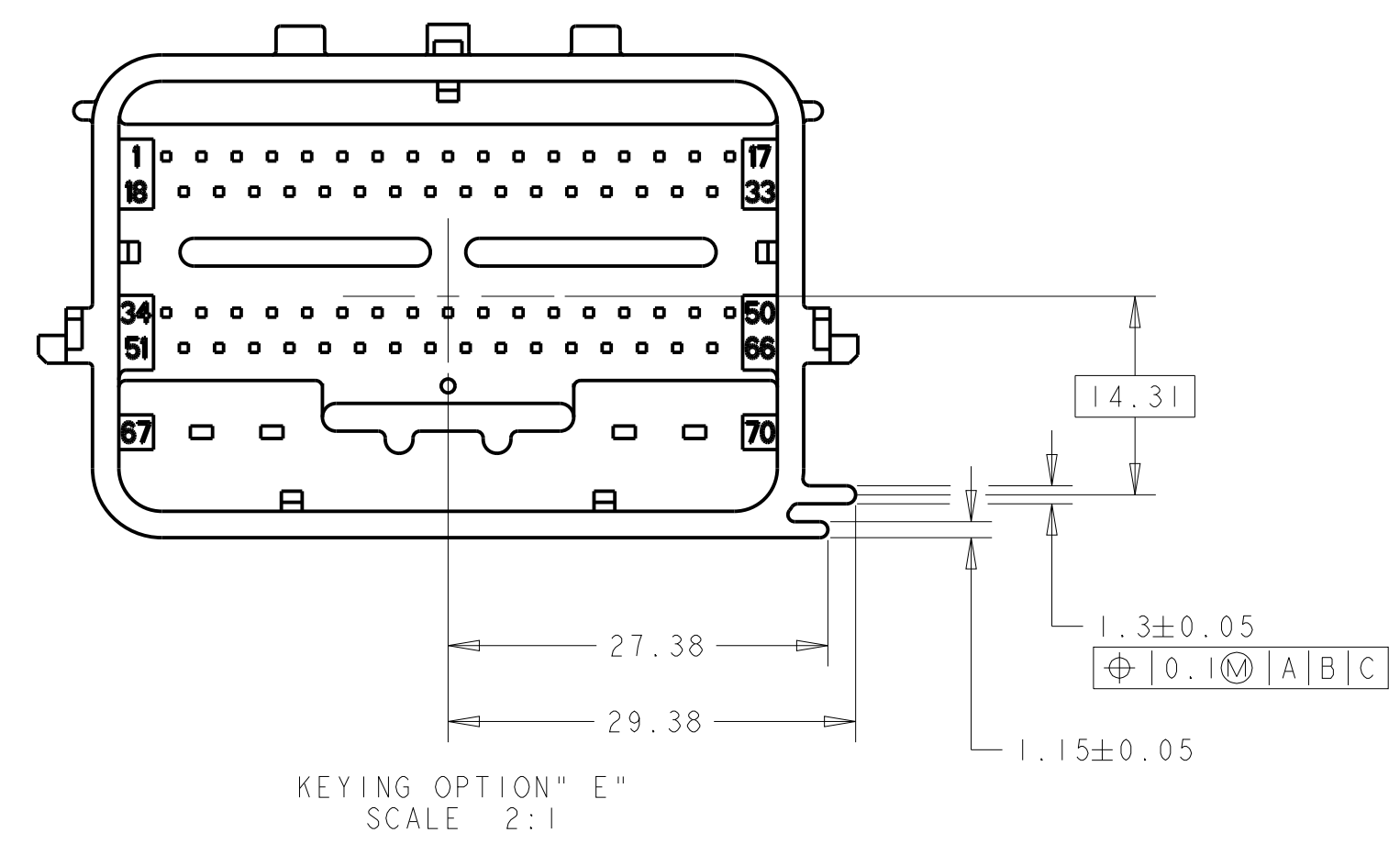
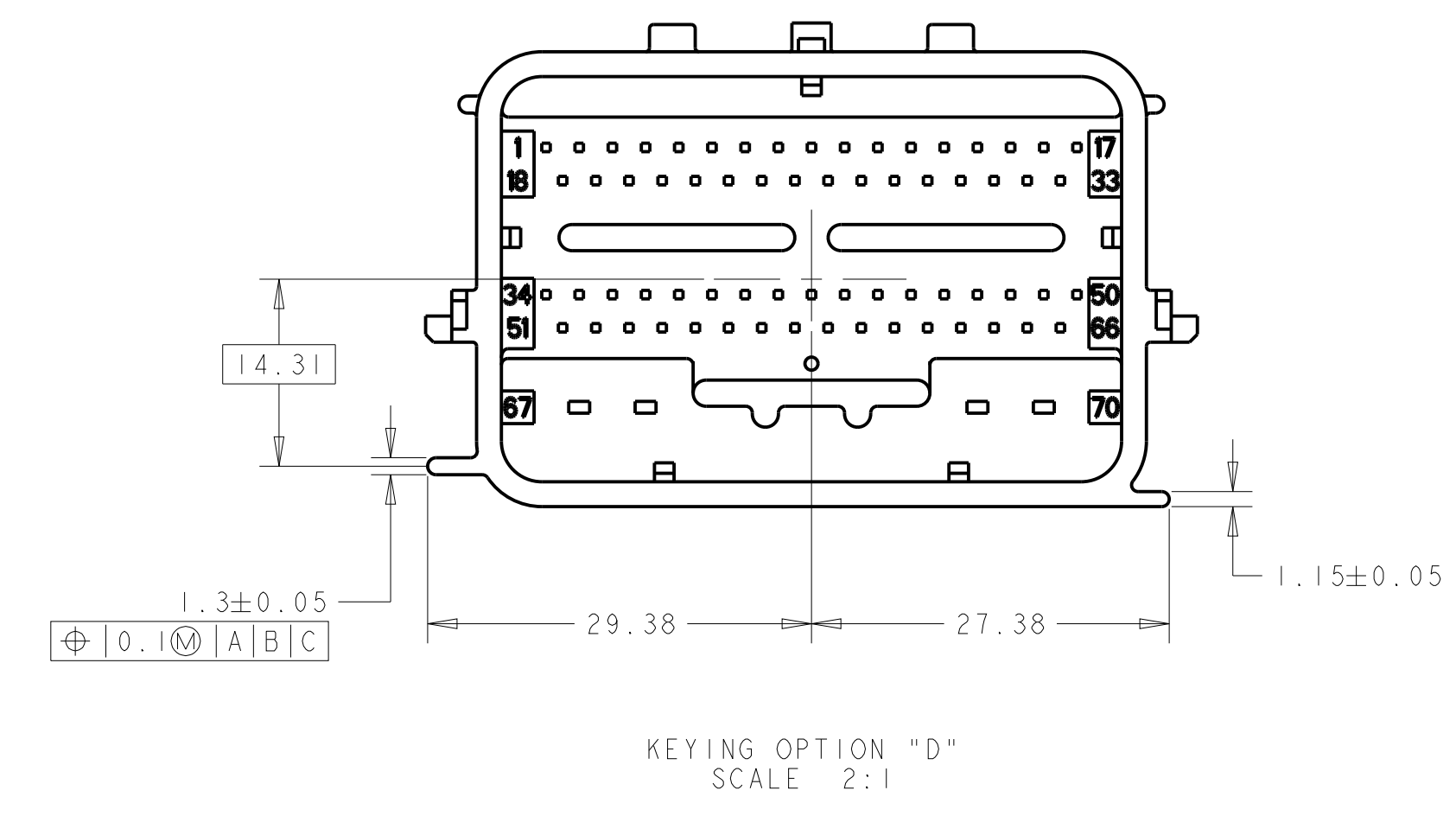
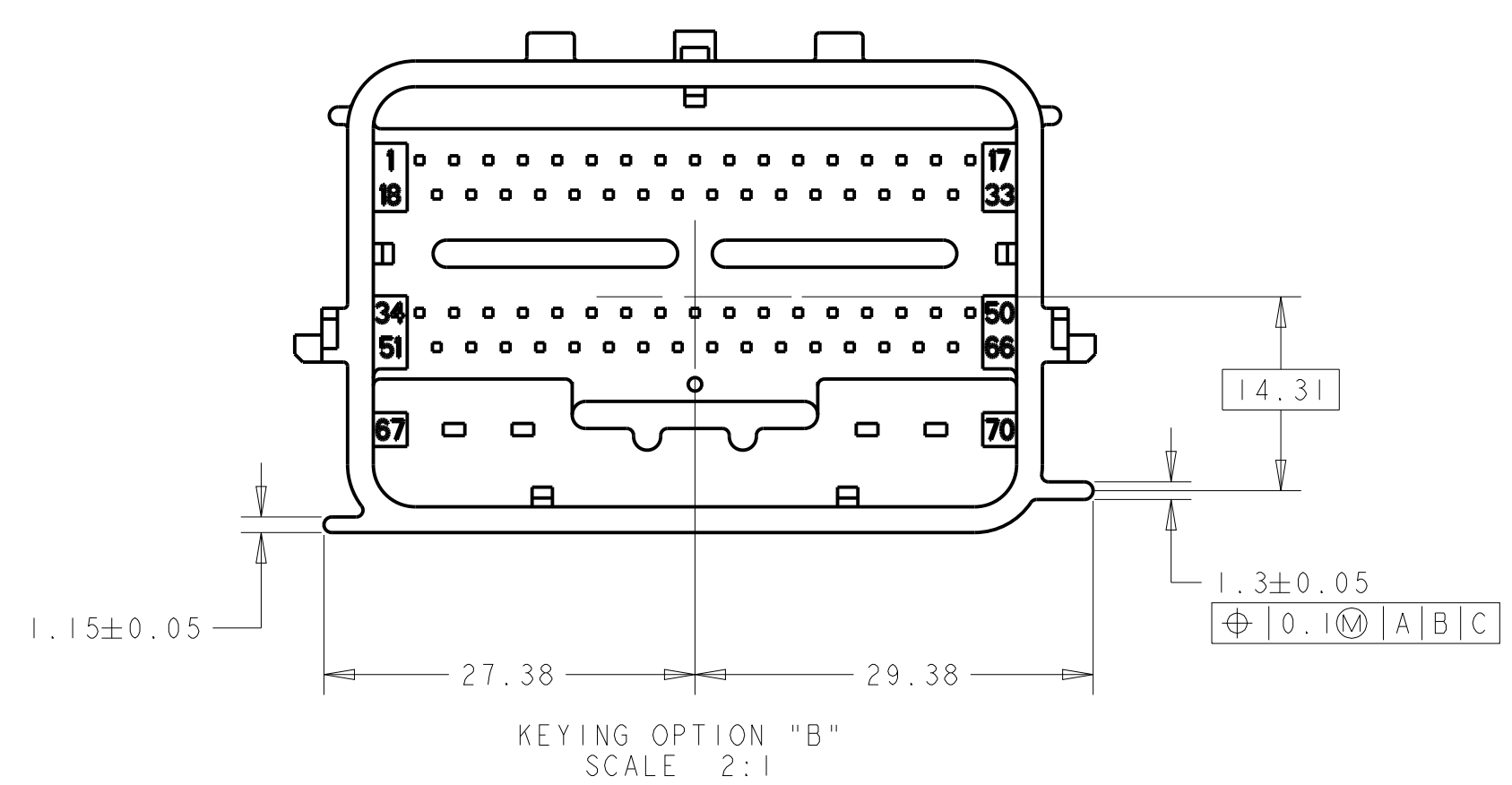
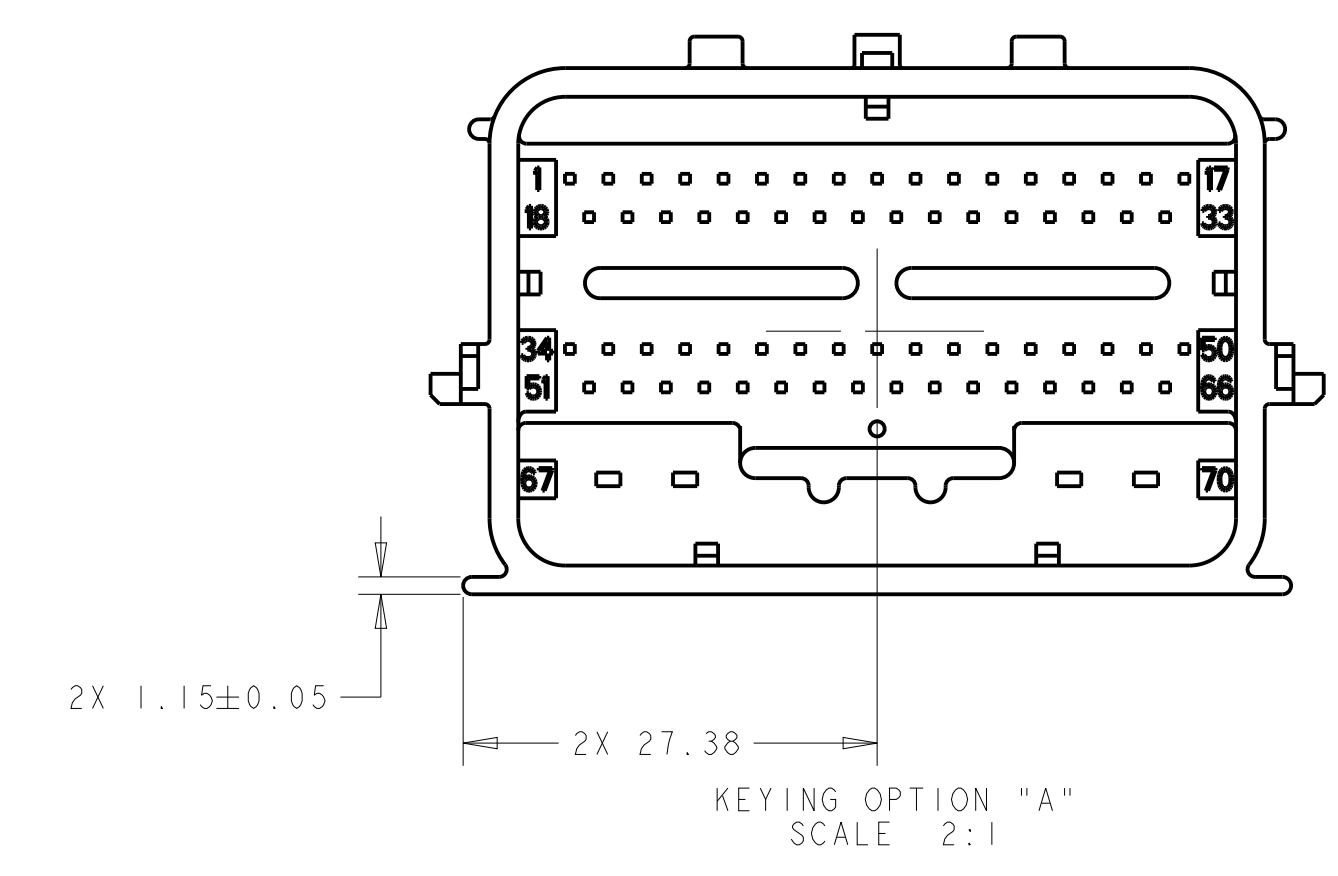
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. VESTAL 15APR2005	TE Connectivity	
DIMENSIONS: mm		CHK T. VALASEK 15APR2005	NAME 70-WAY HARNESS ASSEMBLY	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.3 1 PLC ±0.10 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±1°		PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING	SIZE A100779C=1438136	
MATERIAL -		SCALE 2:1 SHEET 11 OF 11 REV 647		

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[2-1438136-1](#)