



PART NUMBER:
1438136-1
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

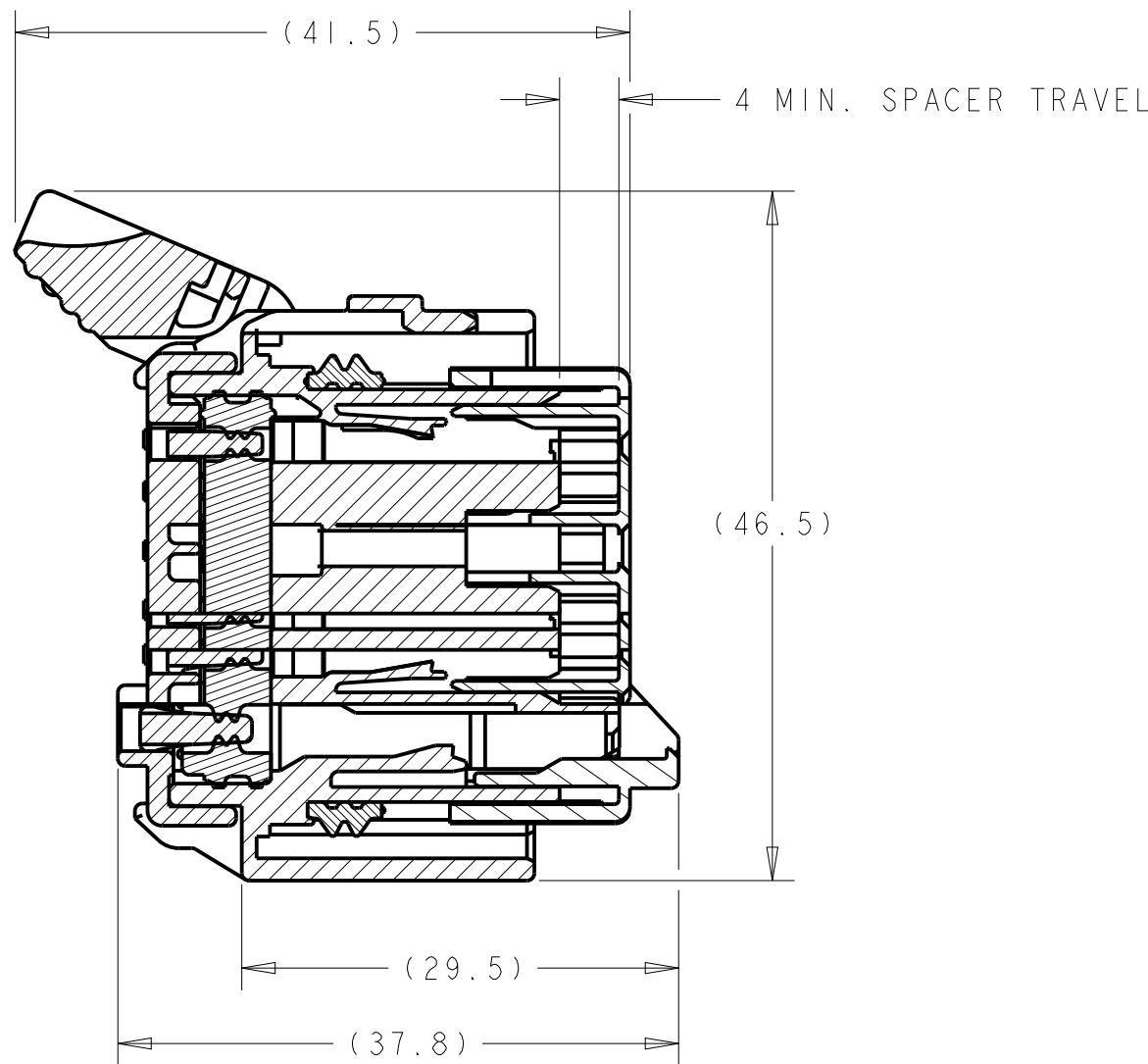
1. PRINT FORD PART NUMBER (SEE ATTACHED CHARTS) AND TRACEABILITY CODE (YY = 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR) IN THIS LOCATION AT ASSEMBLY. SEE SHEETS 3, 4 AND 5 (-*) PART NUMBERS.

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

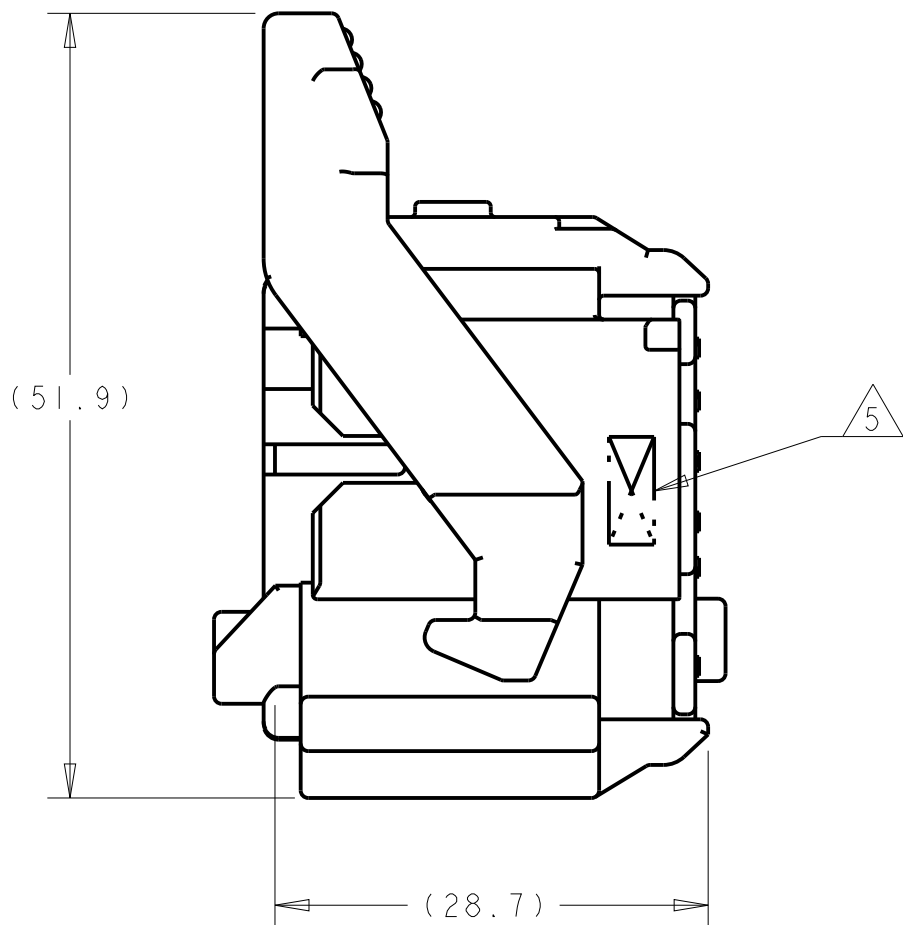
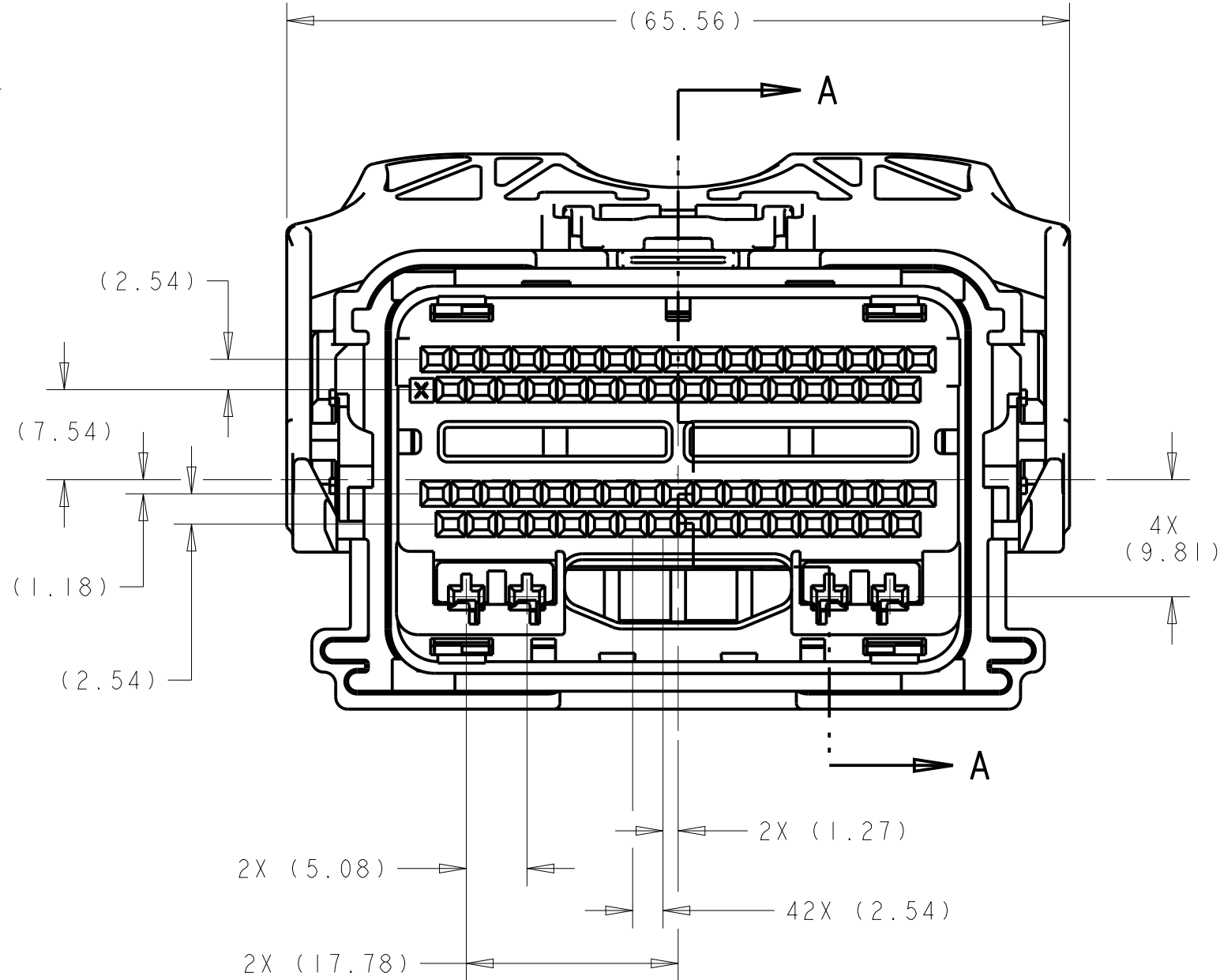
3. CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.

4. REFERENCE TE INSTRUCTION SHEET 408-8893.

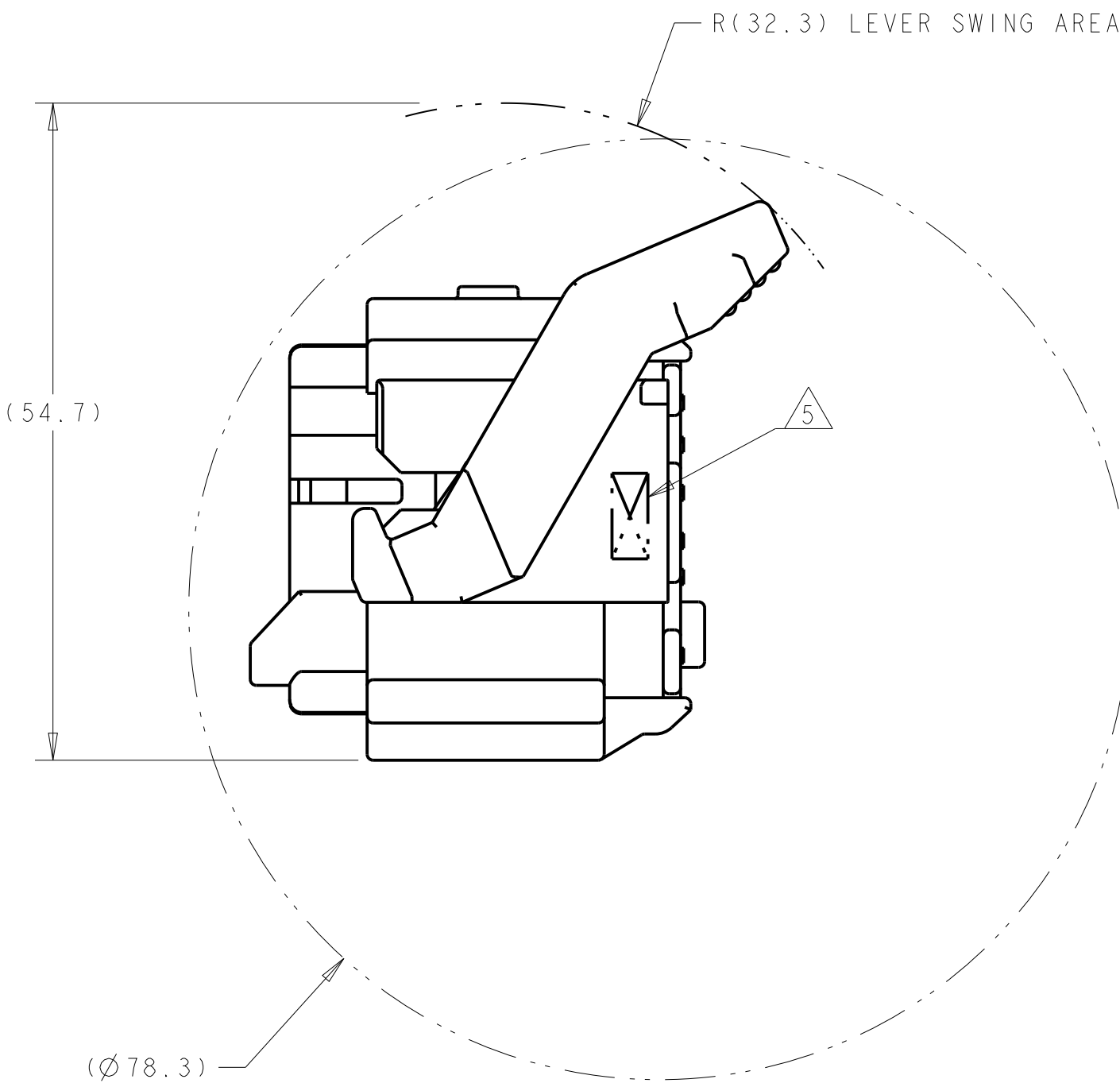
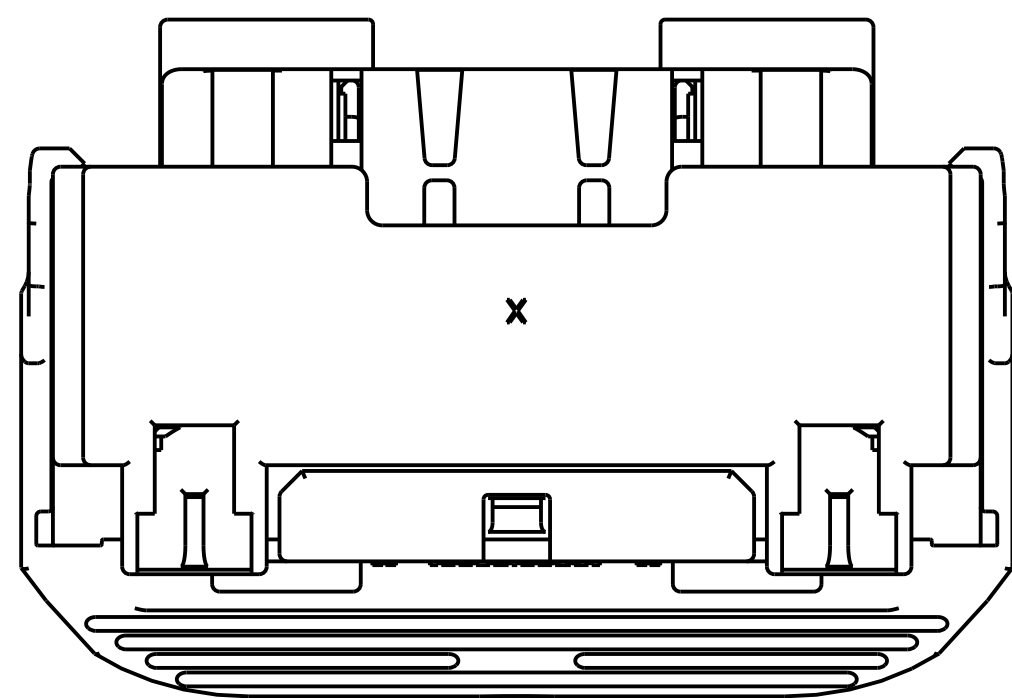
△ COMPANY LOGO.



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

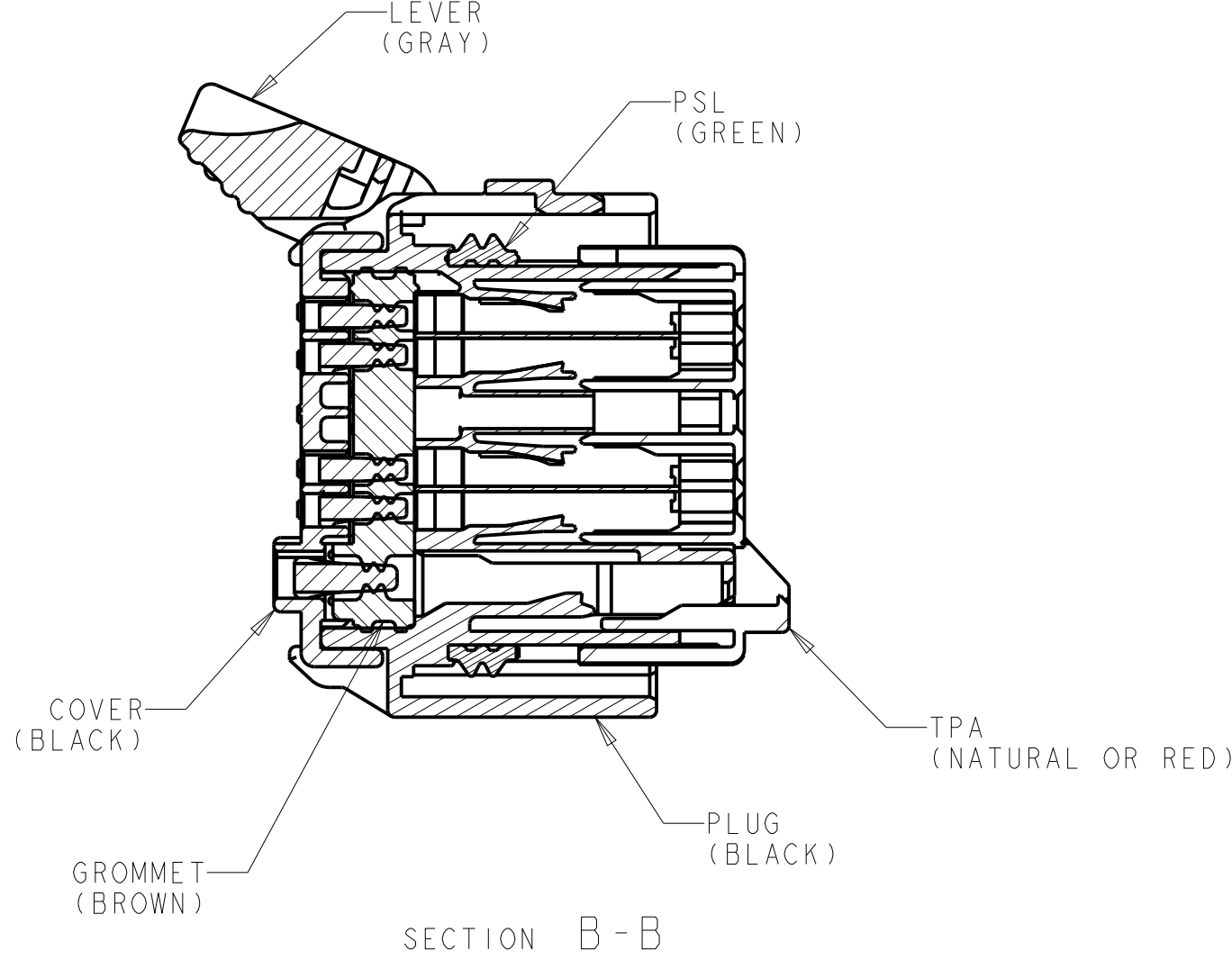
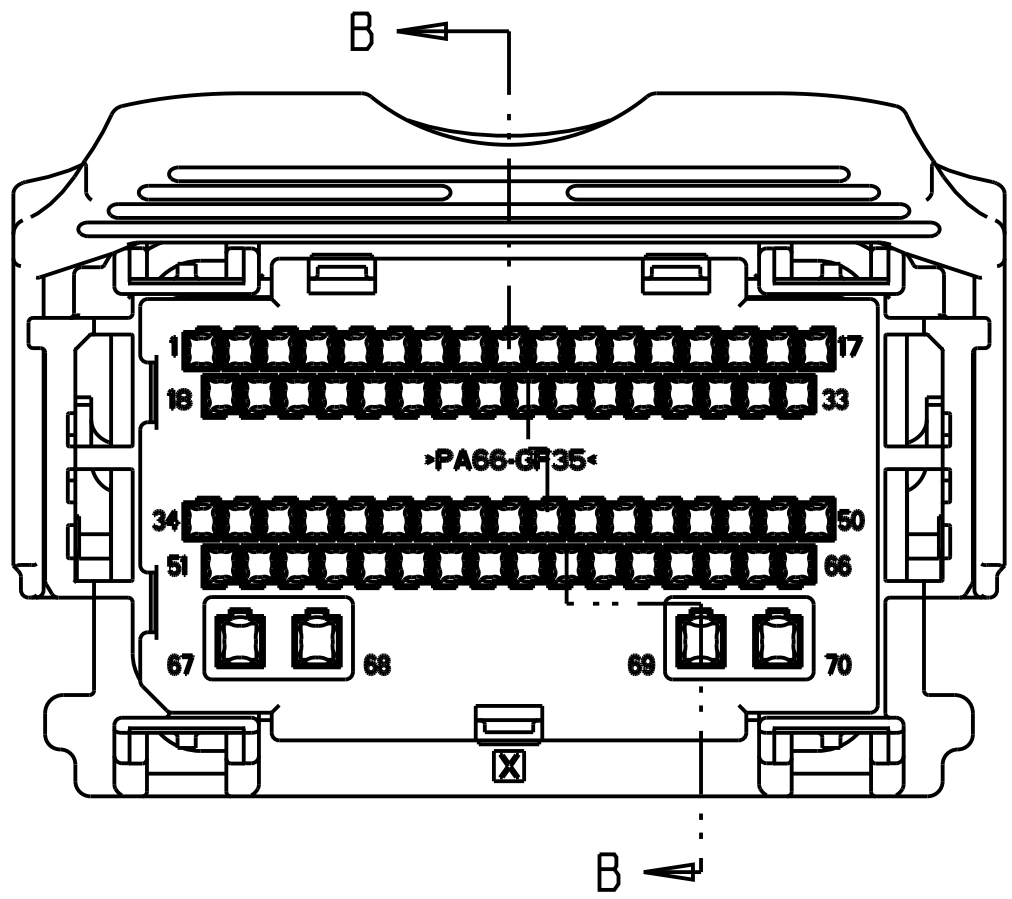
APPLICABLE COMPONENTS (FOR REFERENCE ONLY)

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 TE Connectivity	
		CHK T. VALASEK	15APR2005		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.3 1 PLC ±0.10 2 PLC ±.10 3 PLC ±. 4 PLC ±. ANGLES ±1°		PRODUCT SPEC	
				APPLICATION SPEC	
MATERIAL				WEIGHT	
				CUSTOMER DRAWING	
				SIZE CAGE CODE DRAWING NO	
				A100779C=1438136	
				RESTRICTED TO	
				SCALE 2:1 SHEET 1 OF 11 REV G47	

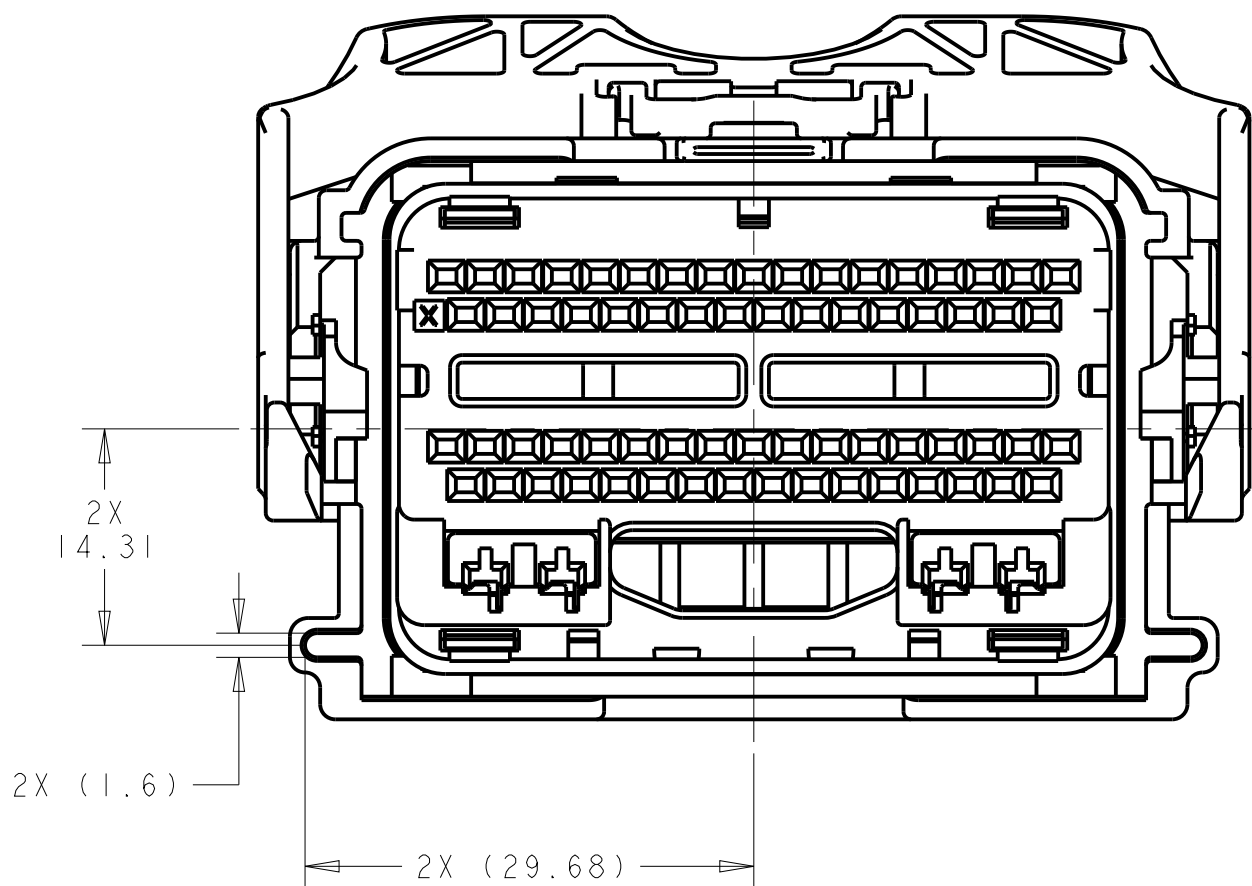
REVISIONS				
P.	LTR.	DESCRIPTION	DATE	OWN APVD
-	-	SEE SHEET 1	-	-



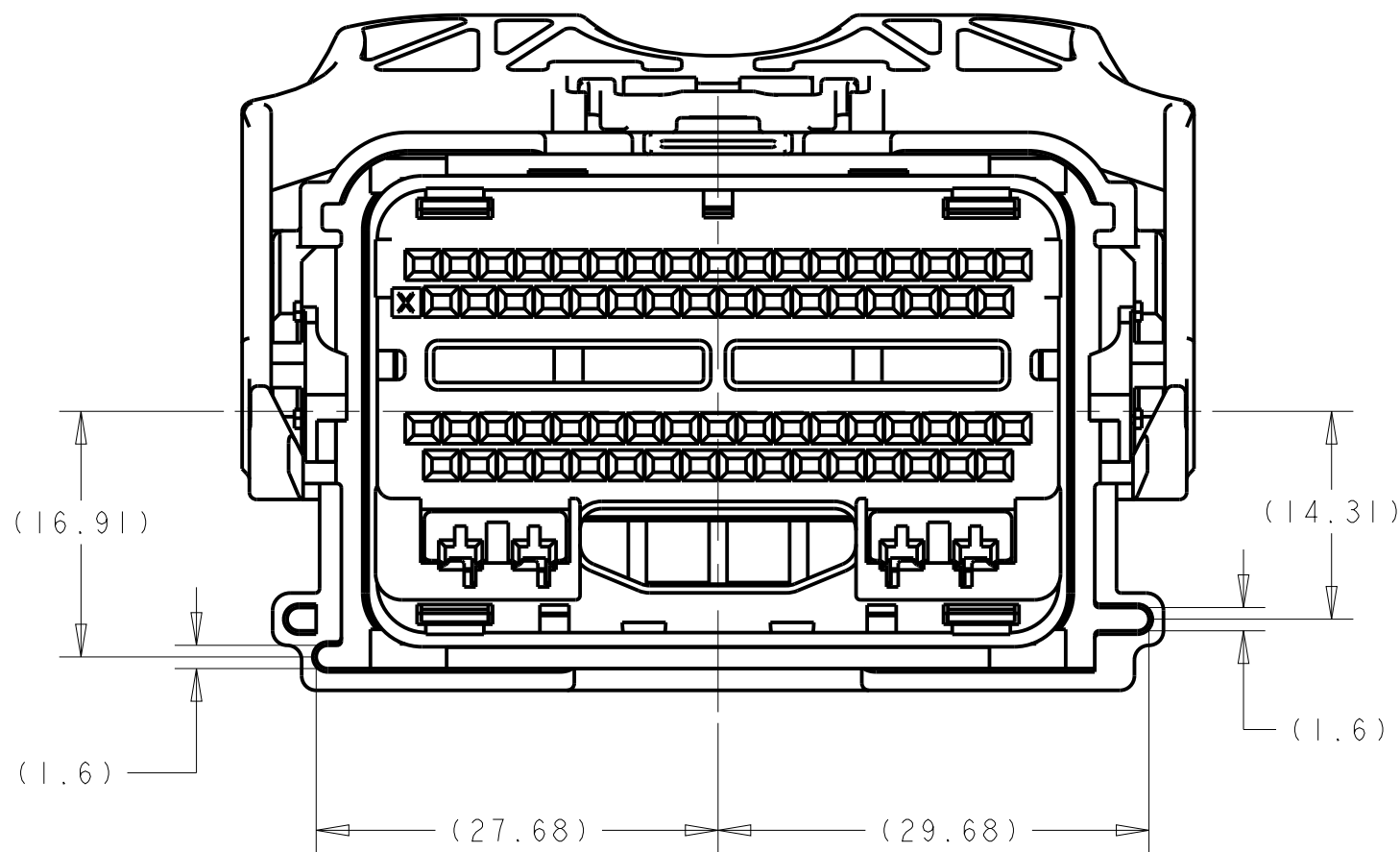
KEYING OPTION "A"



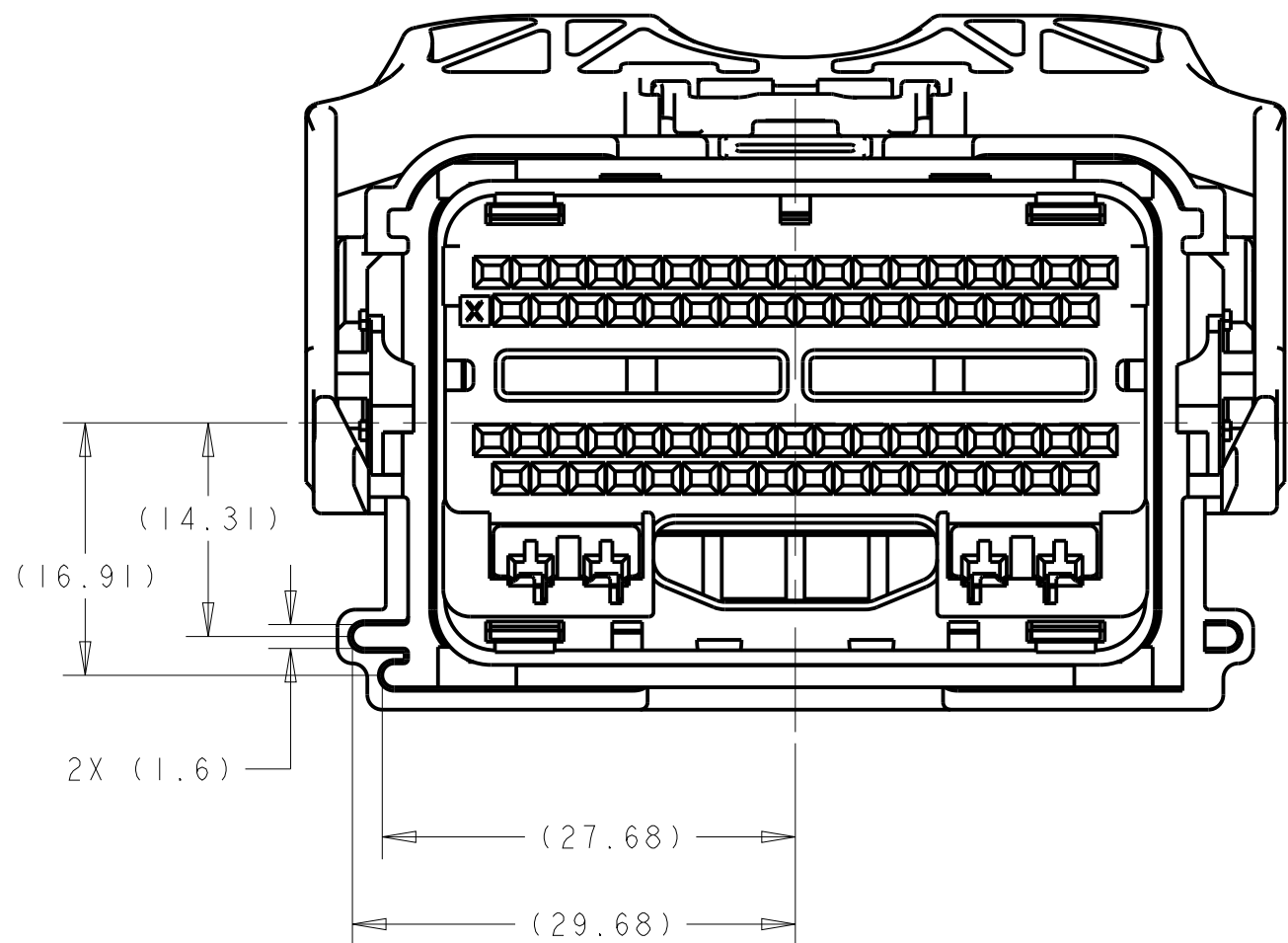
KEYING OPTION "B"



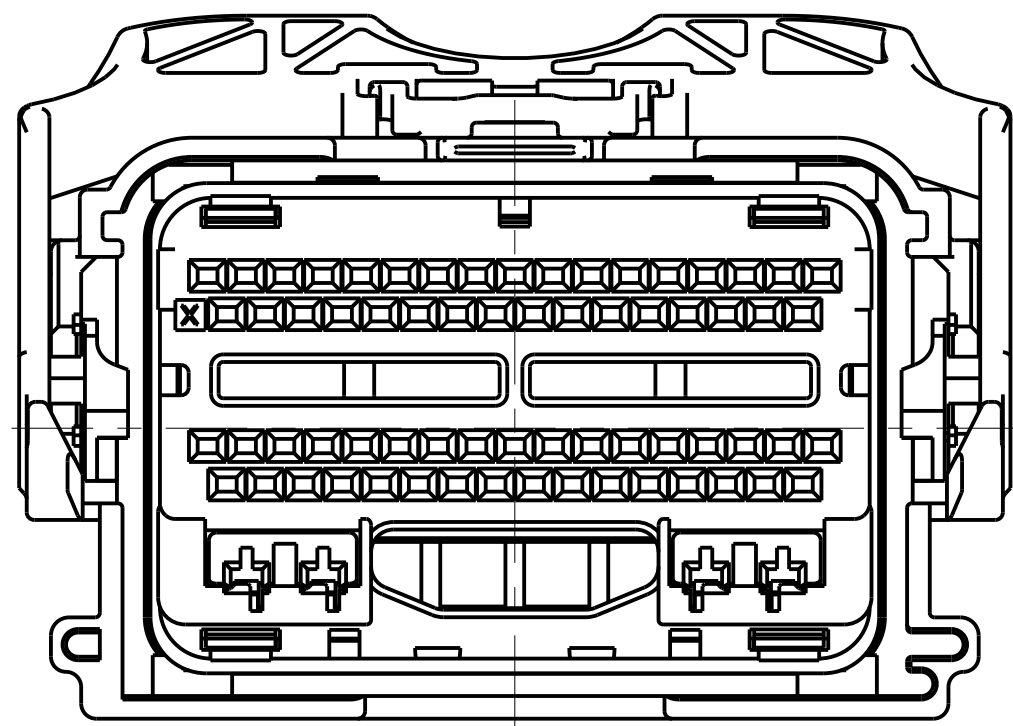
KEYING OPTION "C"



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	
		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	

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 ±.1

3 PLC ±.1

4 PLC ±.1

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

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

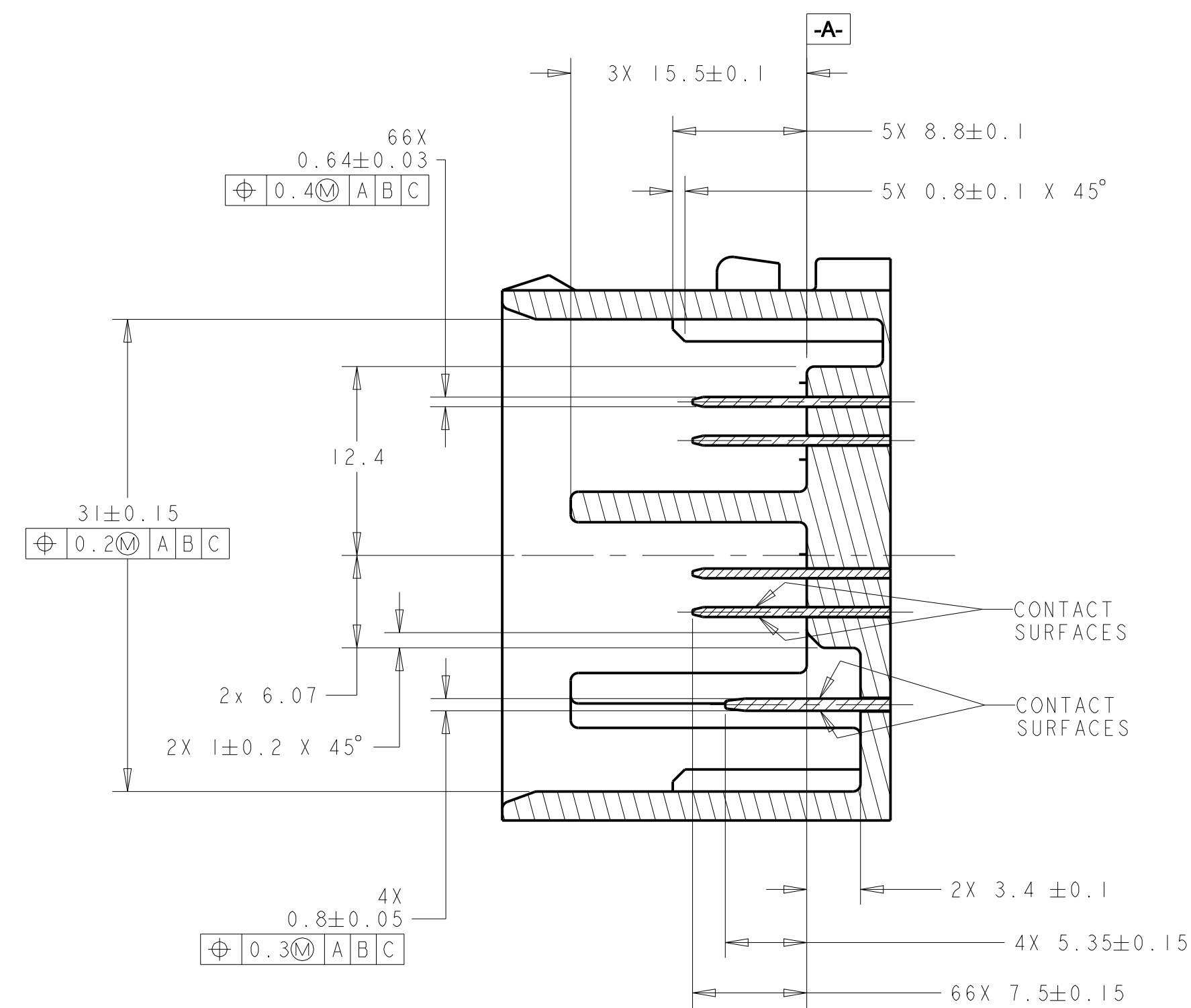
KEYING OPTION F

[illegible]

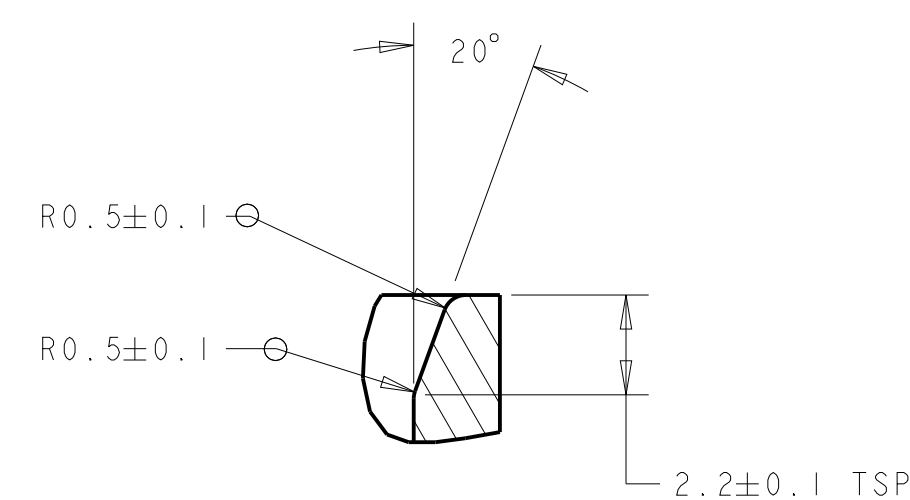
KEYING OPTION E

[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 ±.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 			



SECTION C-C

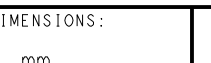


DETAIL F
SCALE 6:1

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

8. MATES WITH TYCO ELECTRONICS PART# 1438136-*



THIS DRAWING IS A CONTROL DOCUMENT.		DWG R VESTAL 15APR2005 CHK T VALASEK 15APR2005 T VALASEK 15APR2005		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.3 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±.3 4 PLC ±.3 ANGLES ±1°		NAME 70-WAY HARNESS ASSEMBLY	
MATERIAL - - -		FINISH - - -		WEIGHT - - -	
CUSTOMER DRAWING		SIZE A1		CAGE CODE 100779	
		DRAWING NO C=1438136		RESTRICTED TO - - -	
		SCALE 2:1		SHEET 10 OF 1 REV 47	

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

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