



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

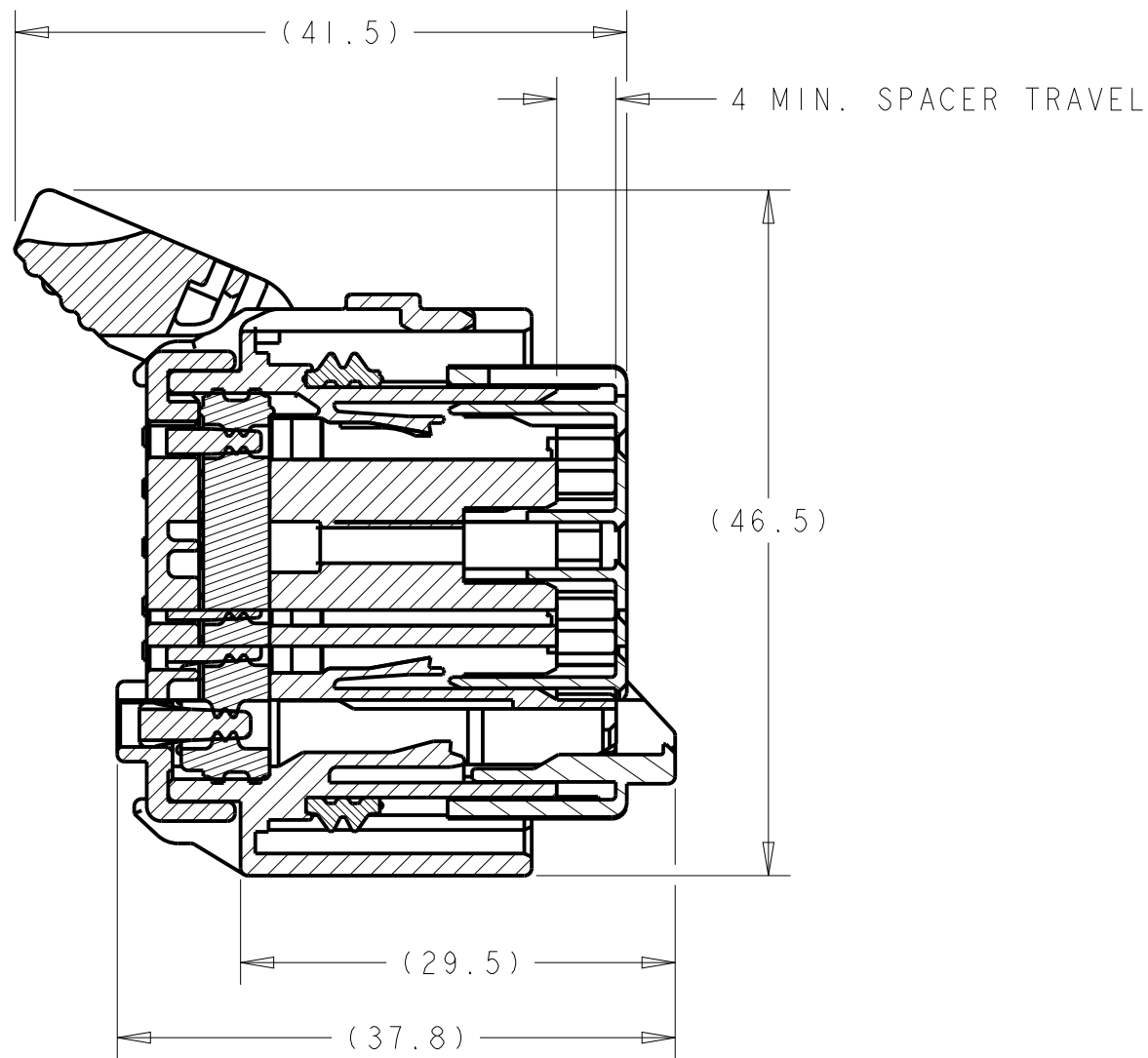
1. PRINT FORD PART NUMBER (SEE ATTACHED CHARTS) AND TRACEABILITY CODE (YY = 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR) IN THIS LOCATION AT ASSEMBLY. SEE SHEETS 3, 4 AND 5 (-*) PART NUMBERS.

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

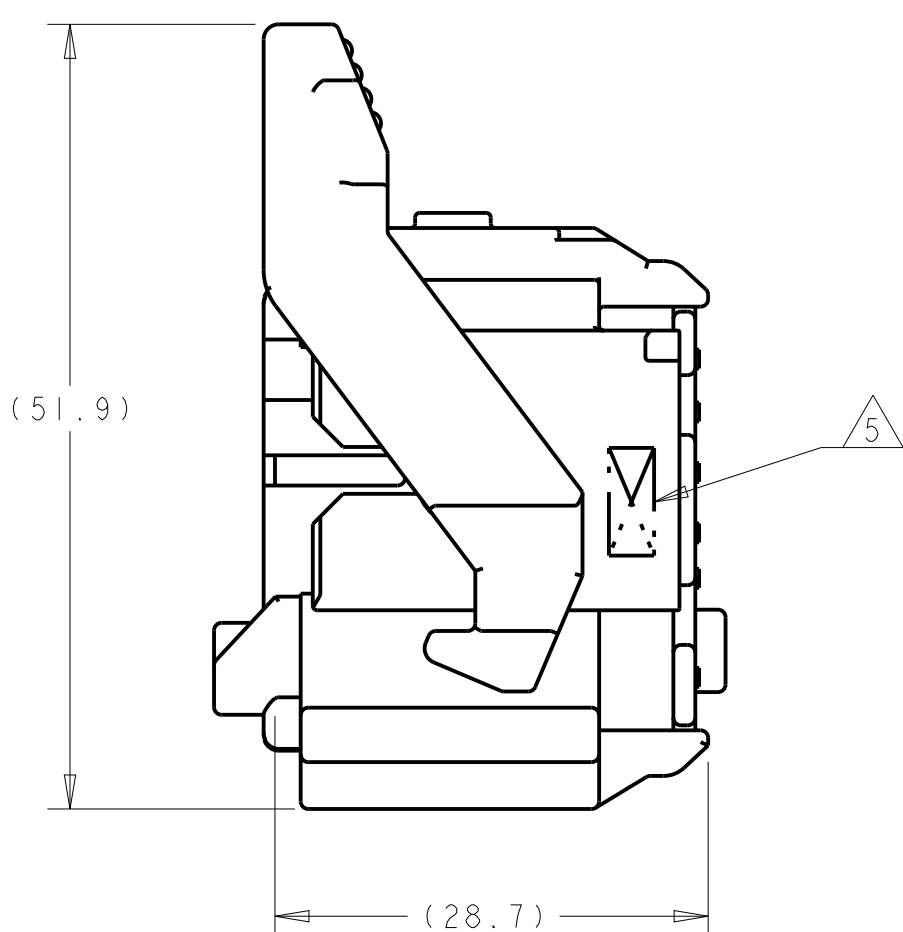
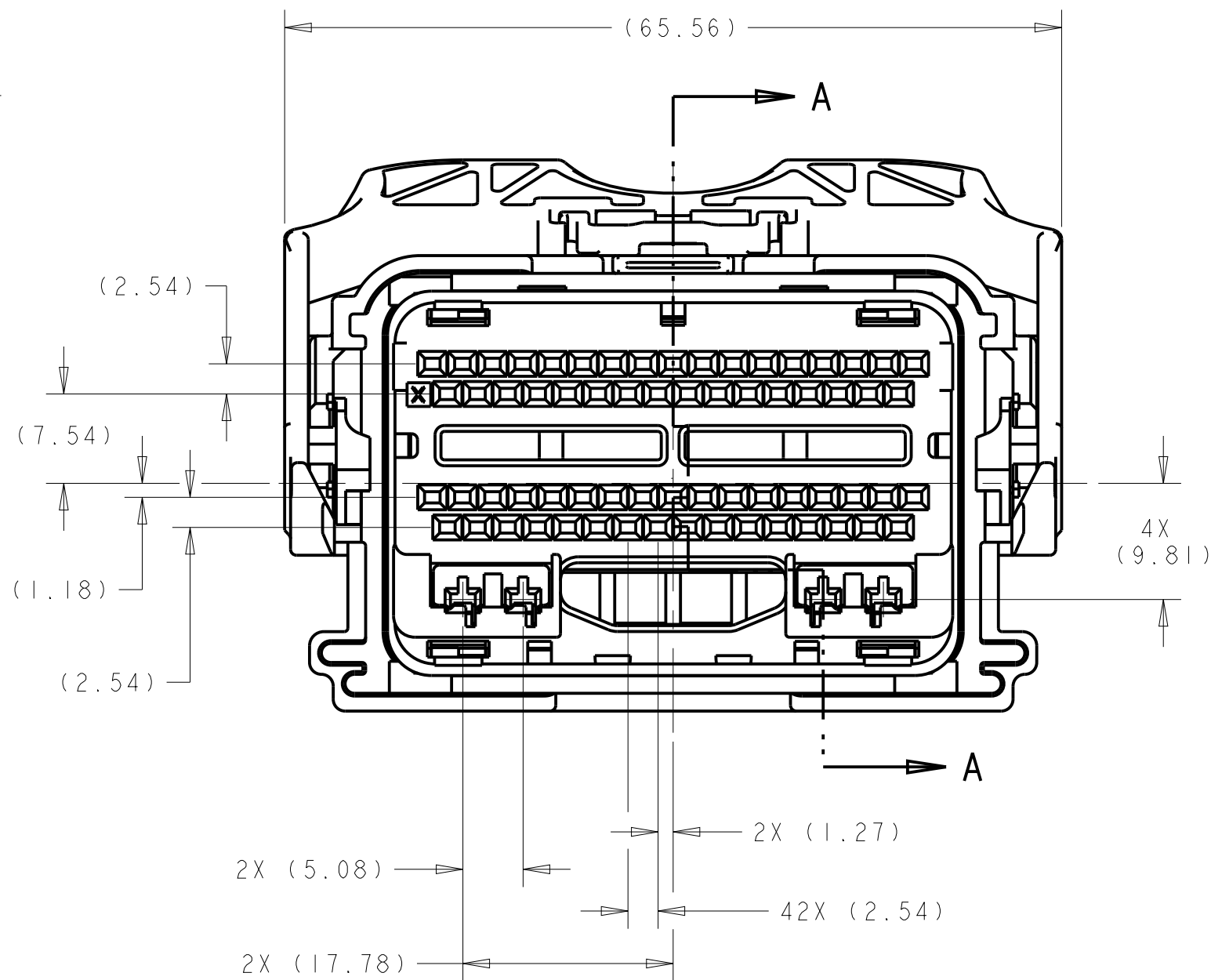
3. CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.

4. REFERENCE TE INSTRUCTION SHEET 408-8893.

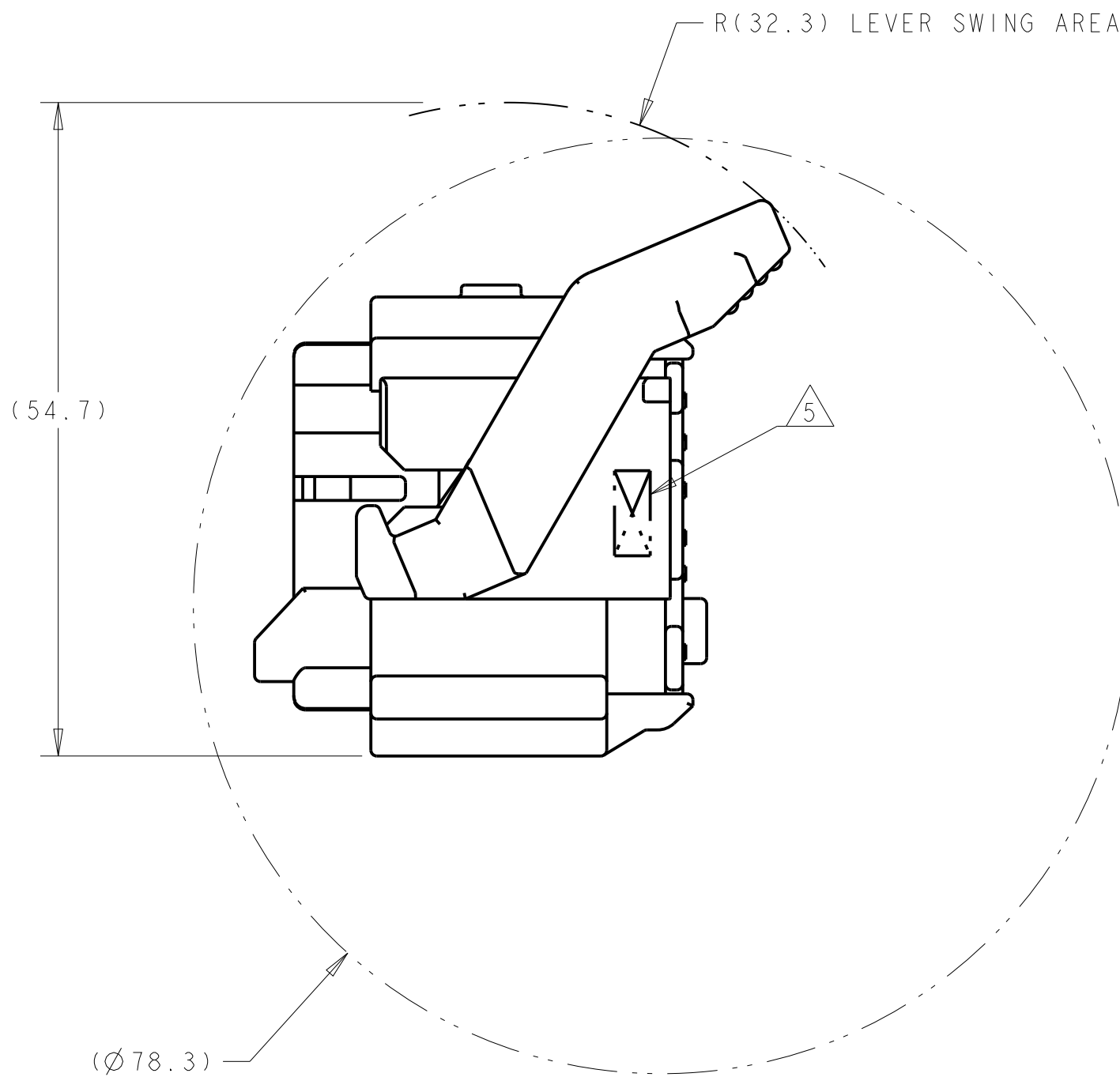
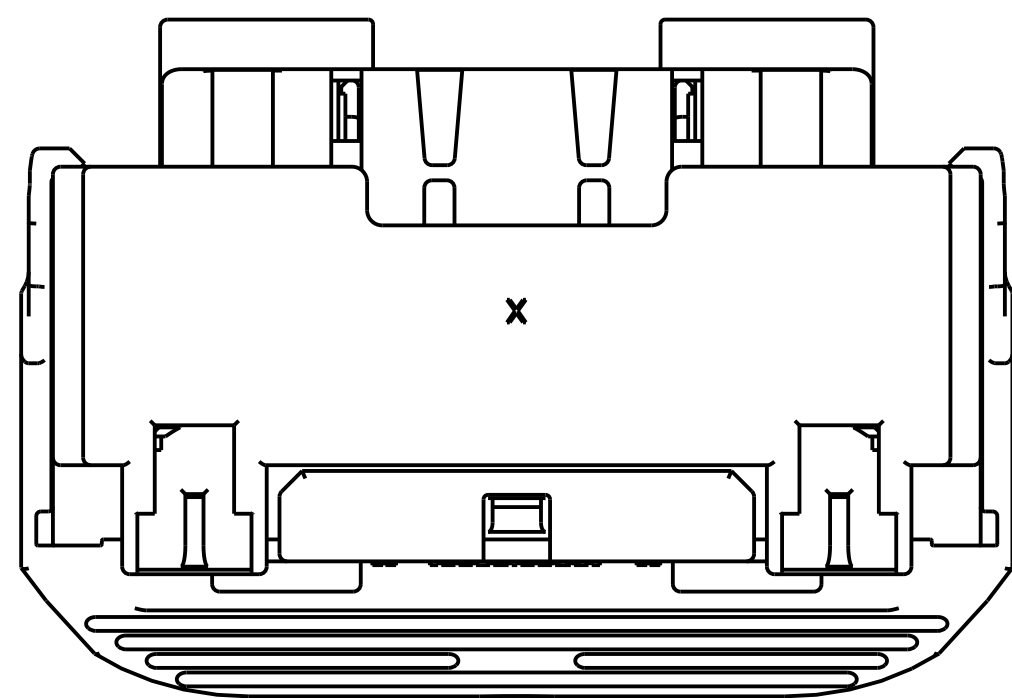
△ COMPANY LOGO.



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

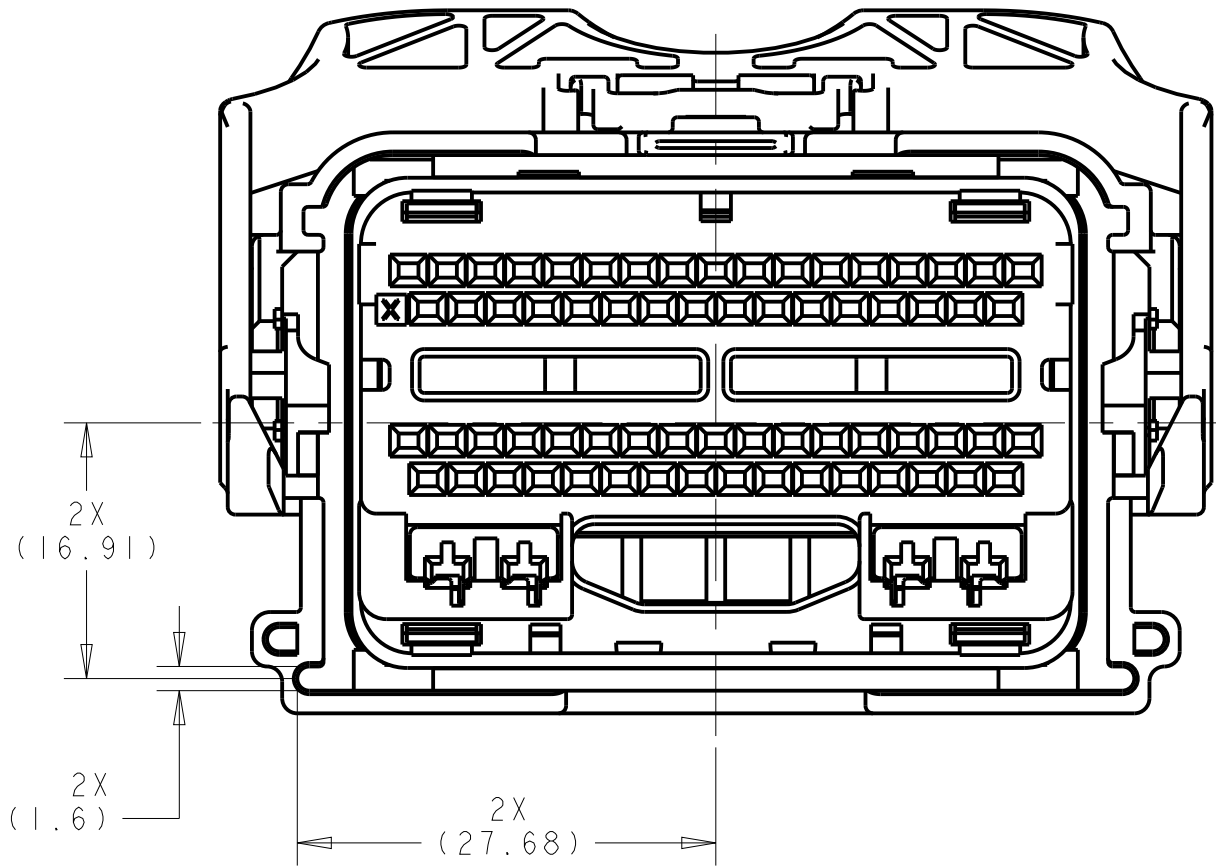
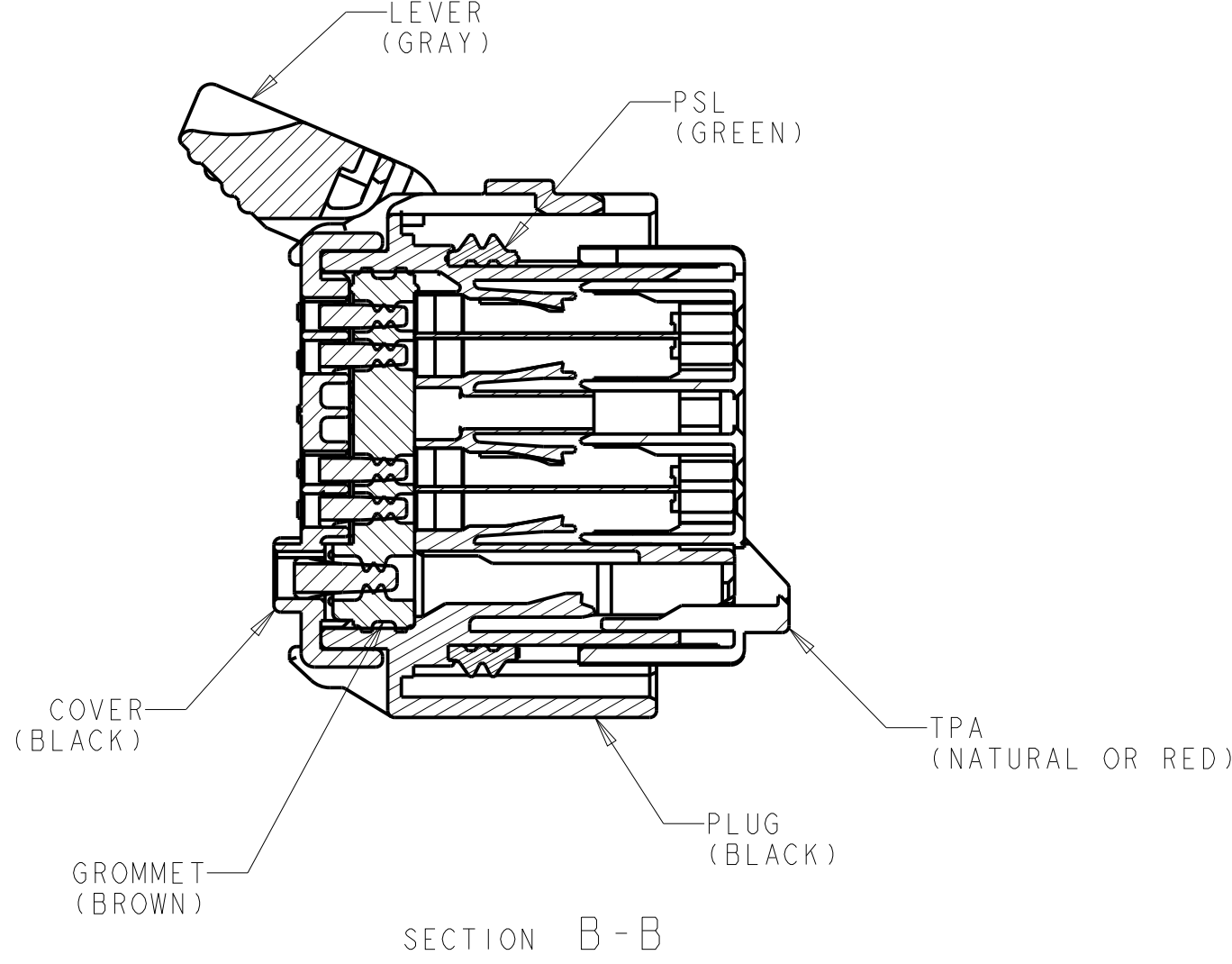
APPLICABLE COMPONENTS (FOR REFERENCE ONLY)

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

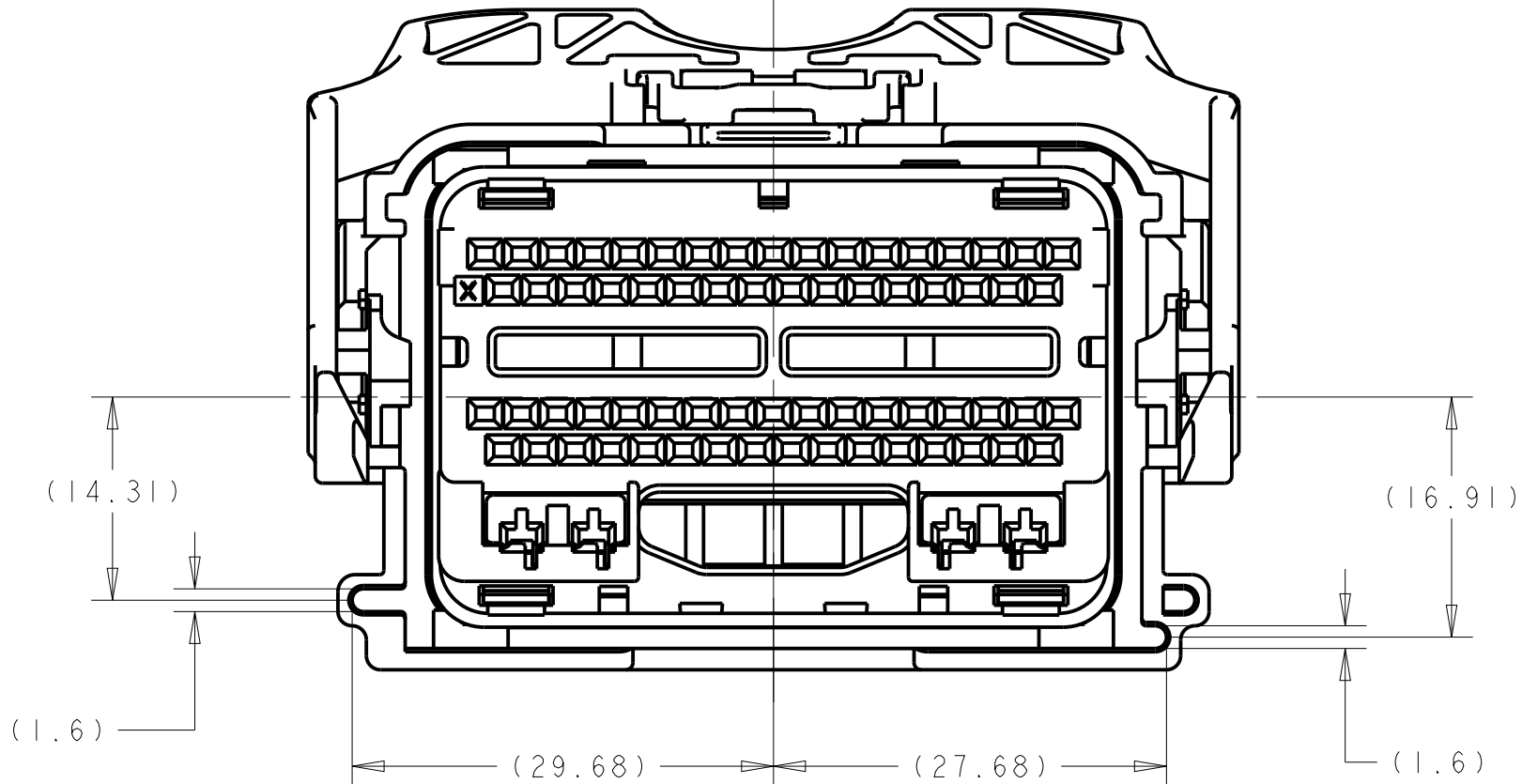
SEE SHEETS 3 THRU 7
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. VESTAL	15APR2005	TE 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	

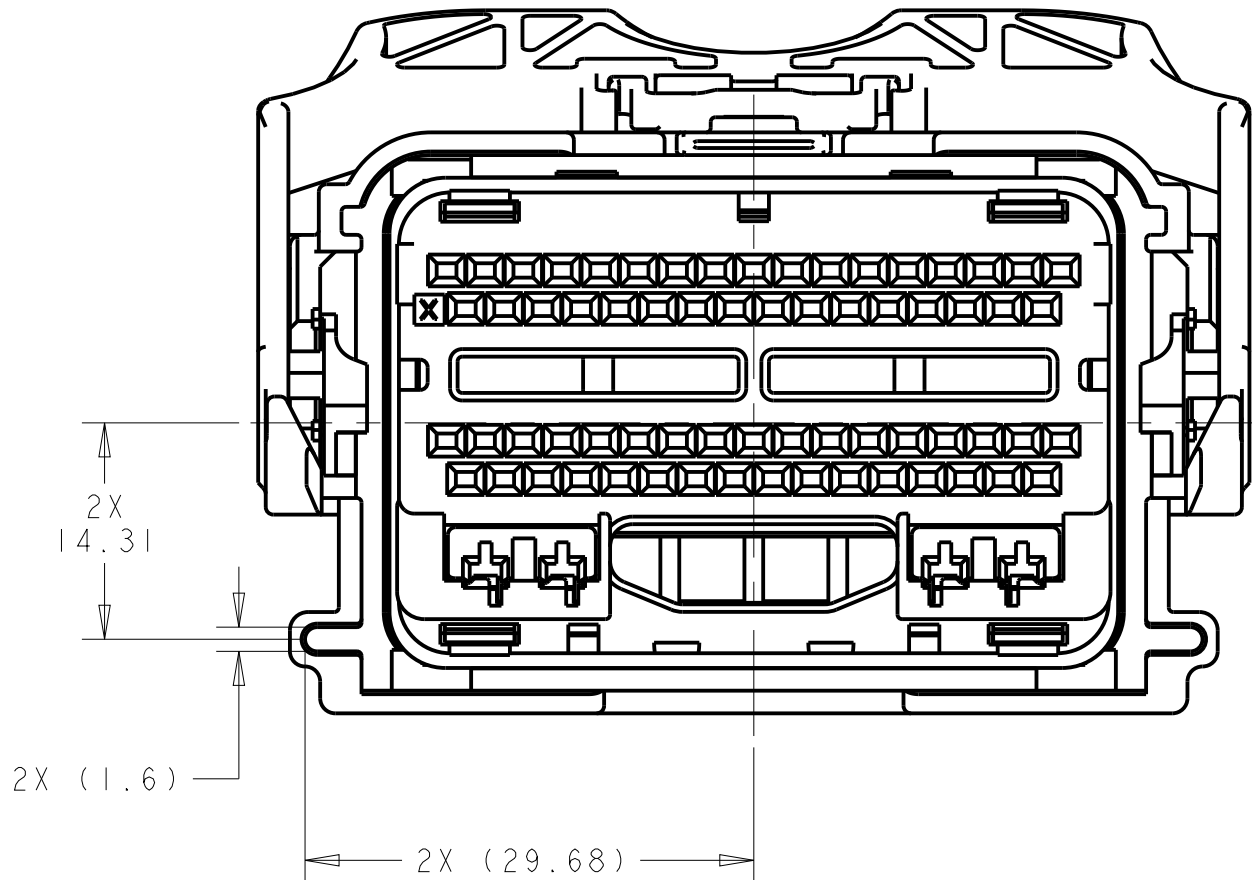
REVISIONS				
P.	LTR.	DESCRIPTION	DATE	OWN APVD.
-	-	SEE SHEET 1	-	-



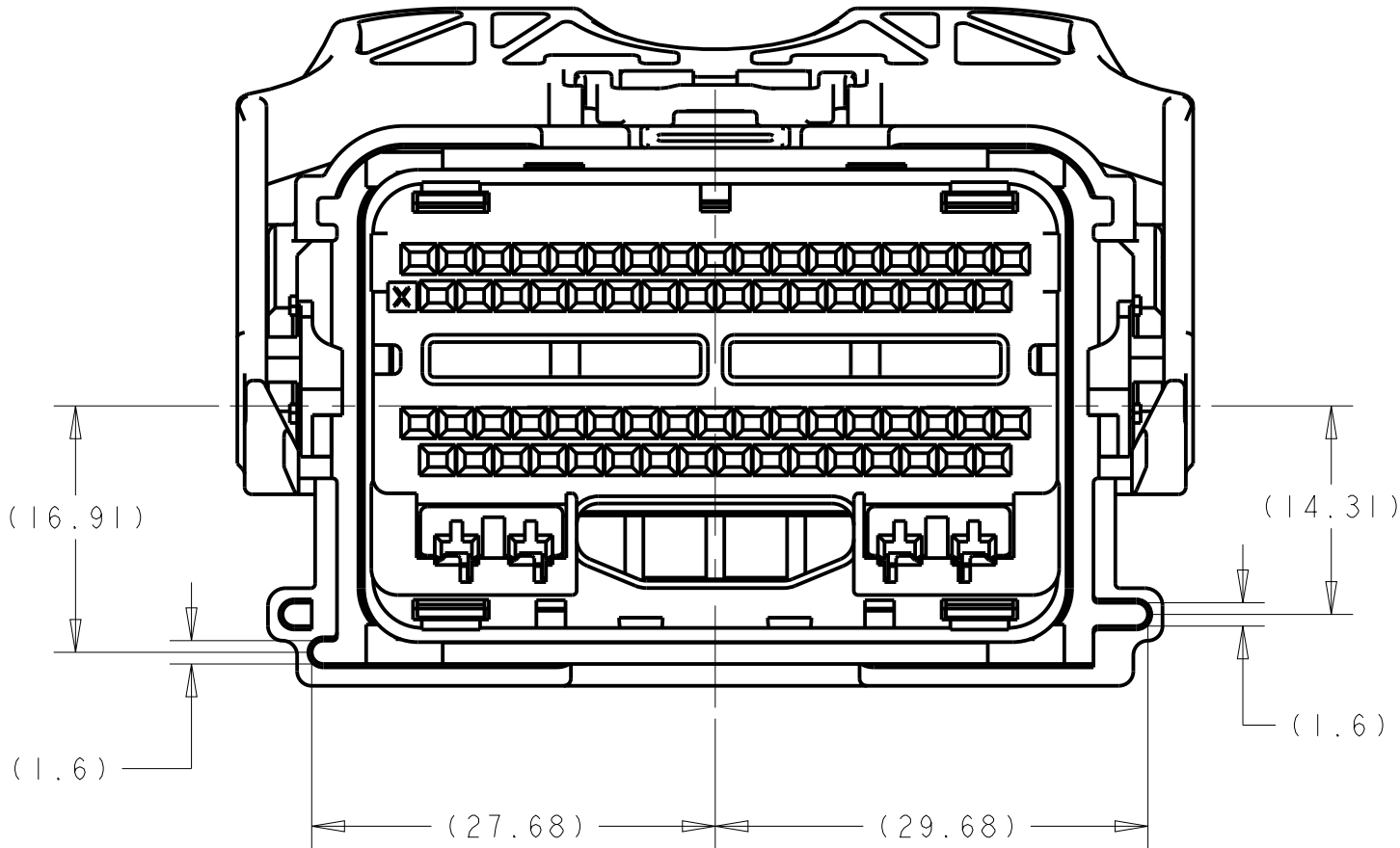
KEYING OPTION "A"



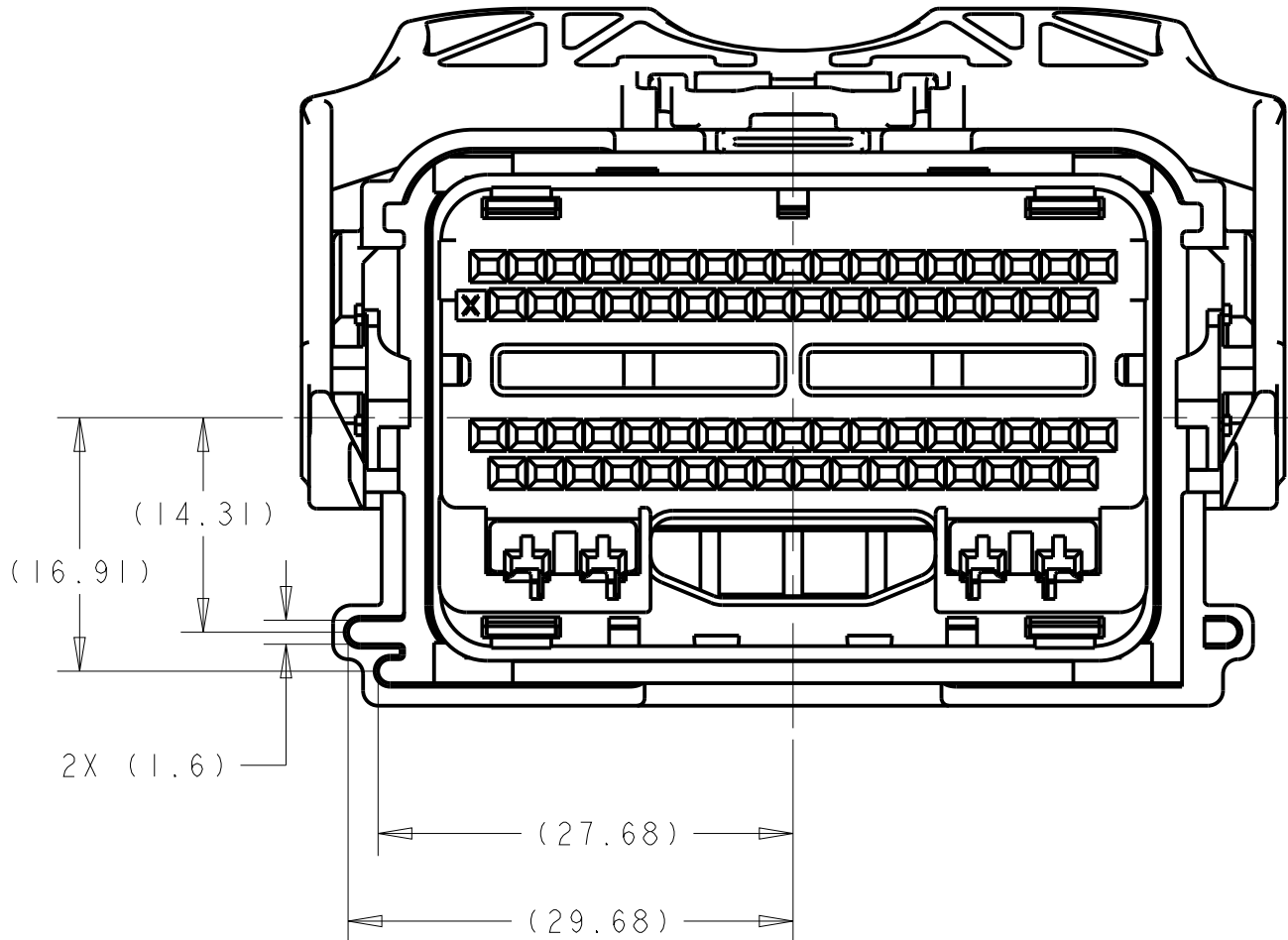
KEYING OPTION "B"



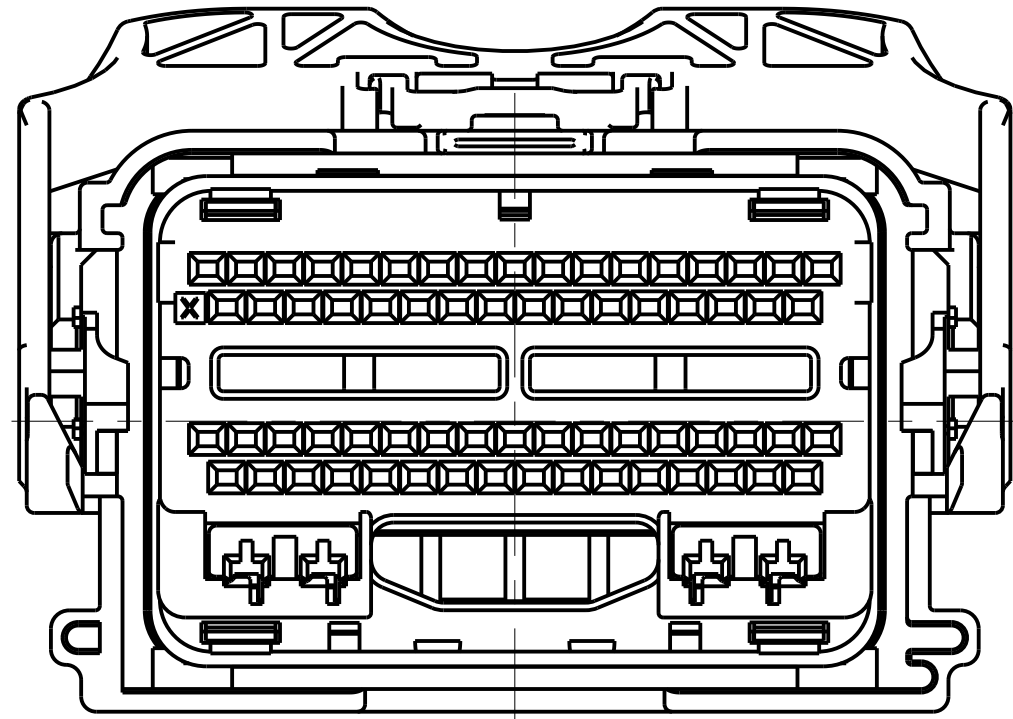
KEYING OPTION "C"



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

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

NAME

70-WAY HARNESS ASSEMBLY

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

©=1438136

SCALE

2:1

SHEET

5

OF

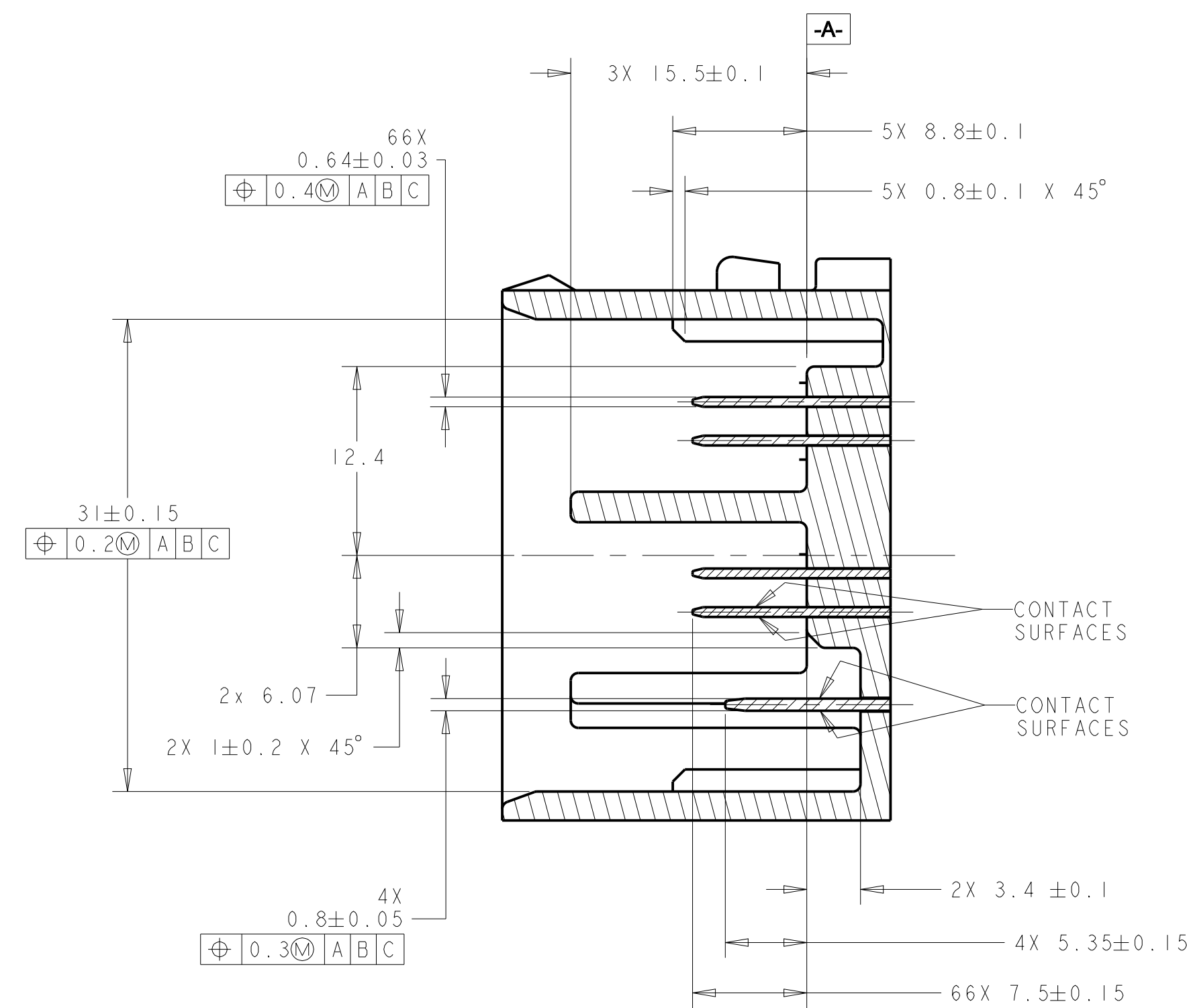
11

REV

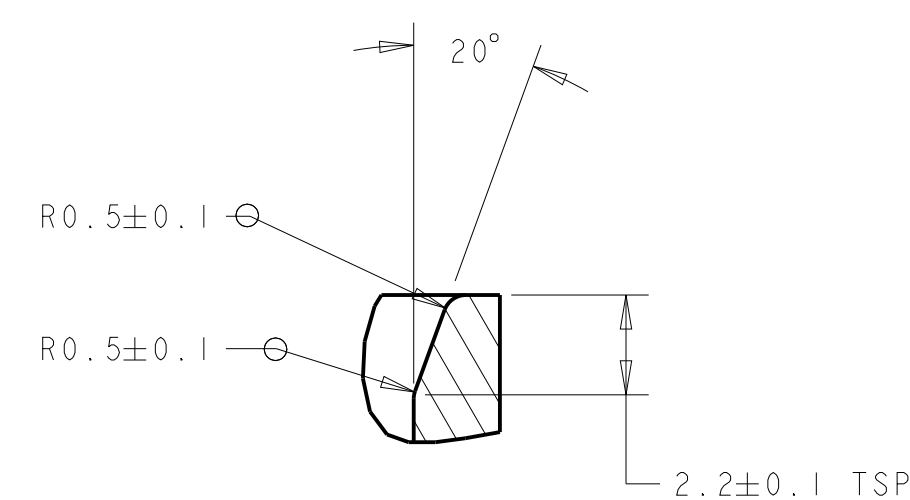
647

TE

TE Connectivity



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

3 SEALING SURFACE, NO WITNESS LINES OF DAMAGE PERMITTED.

5 VENT HOLE SIZE AND LOCATION IS OPTIONAL.

 TERMINAL POSITION IDENTIFICATION.

47.47±0.15

0.2 (A B C)

66X

0.64±0.03

0.4 (A B C)

1.5±0.05

4X

0.3 (A B C)

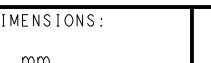
3

SEE RECOMMENDED CONTACT
PIN 0.8 X 1.5 DETAIL

SEE RECOMMENDED CONTACT
PIN 0.64 X 0.64 DETAIL

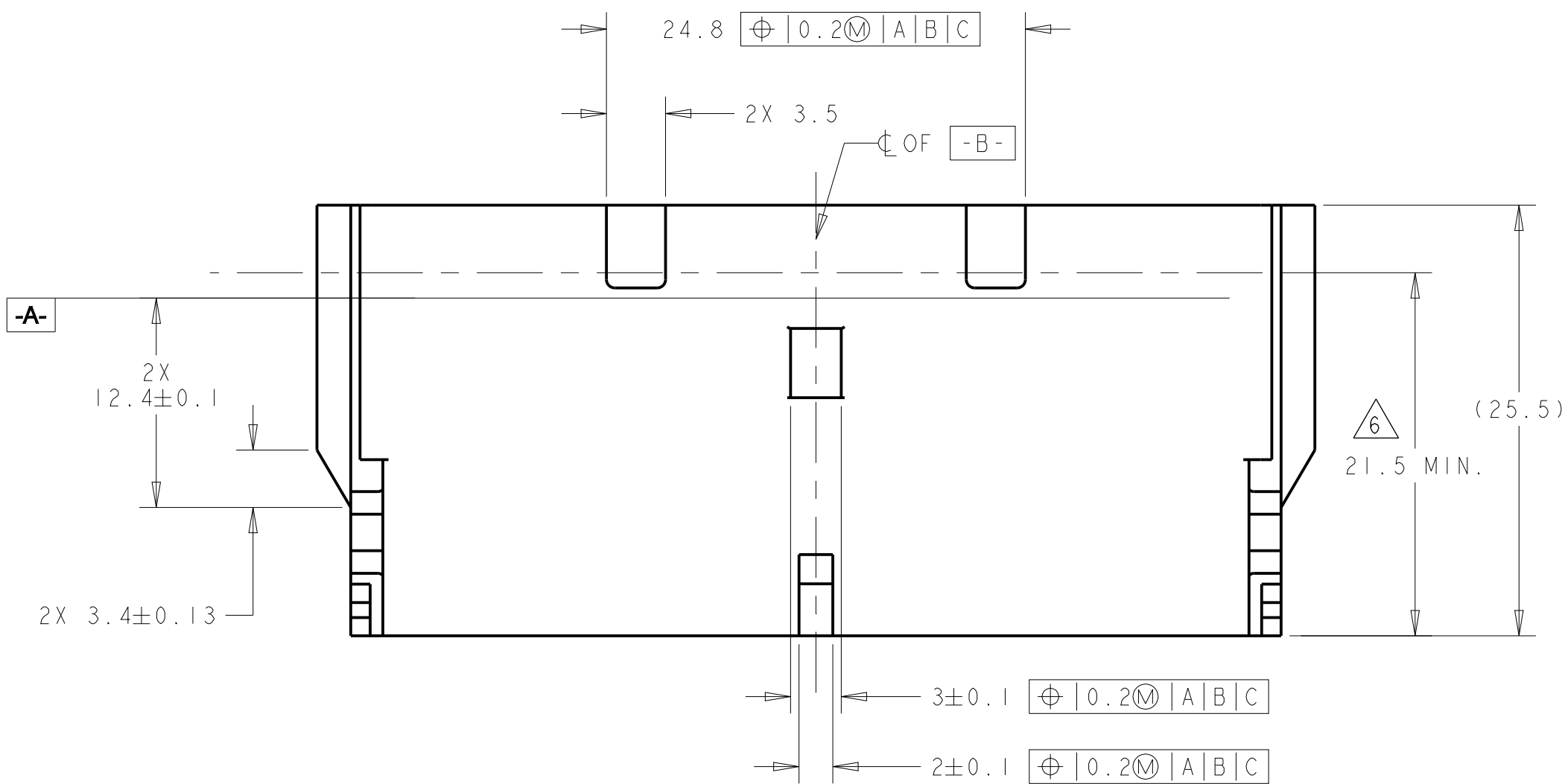
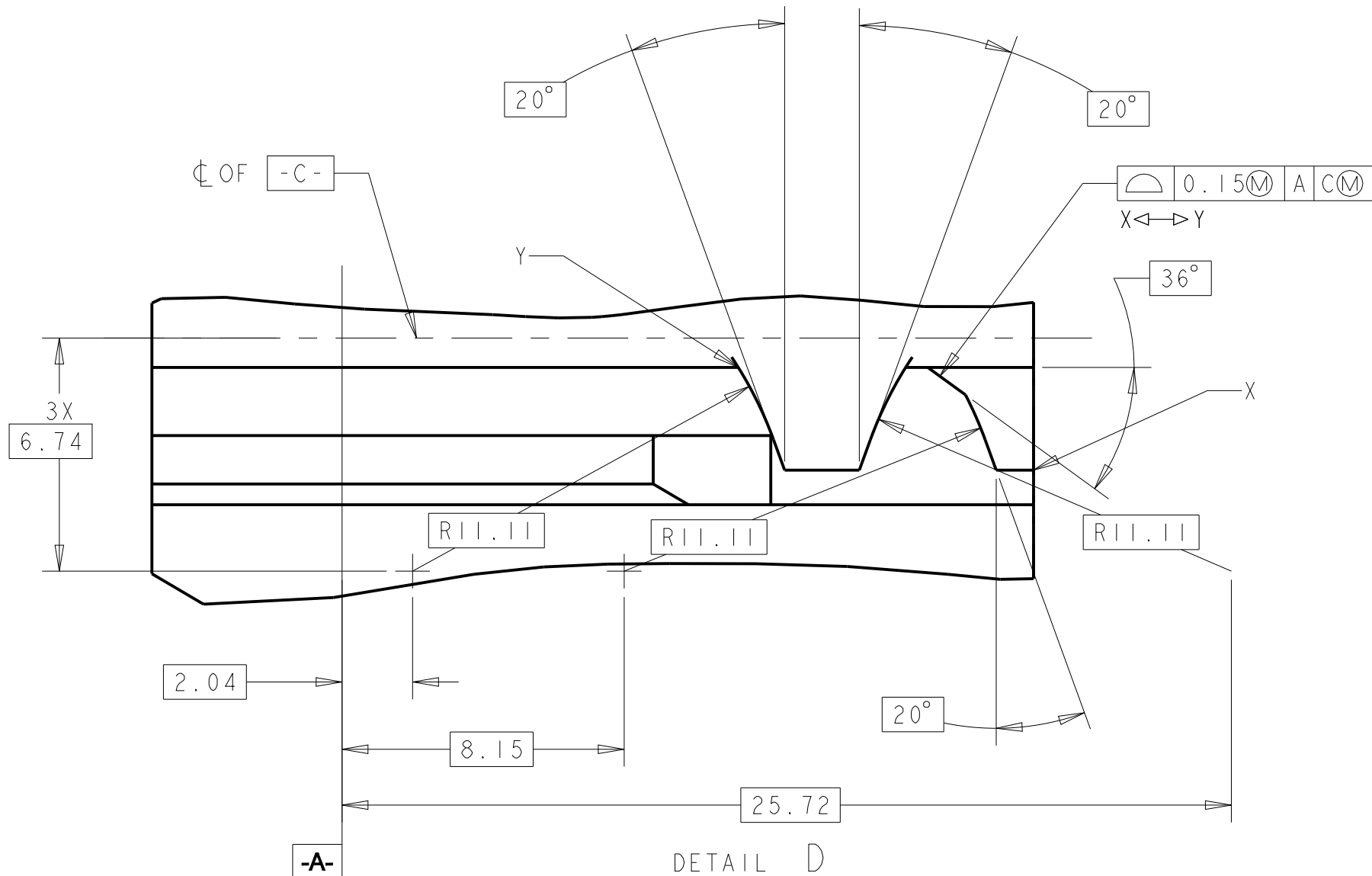
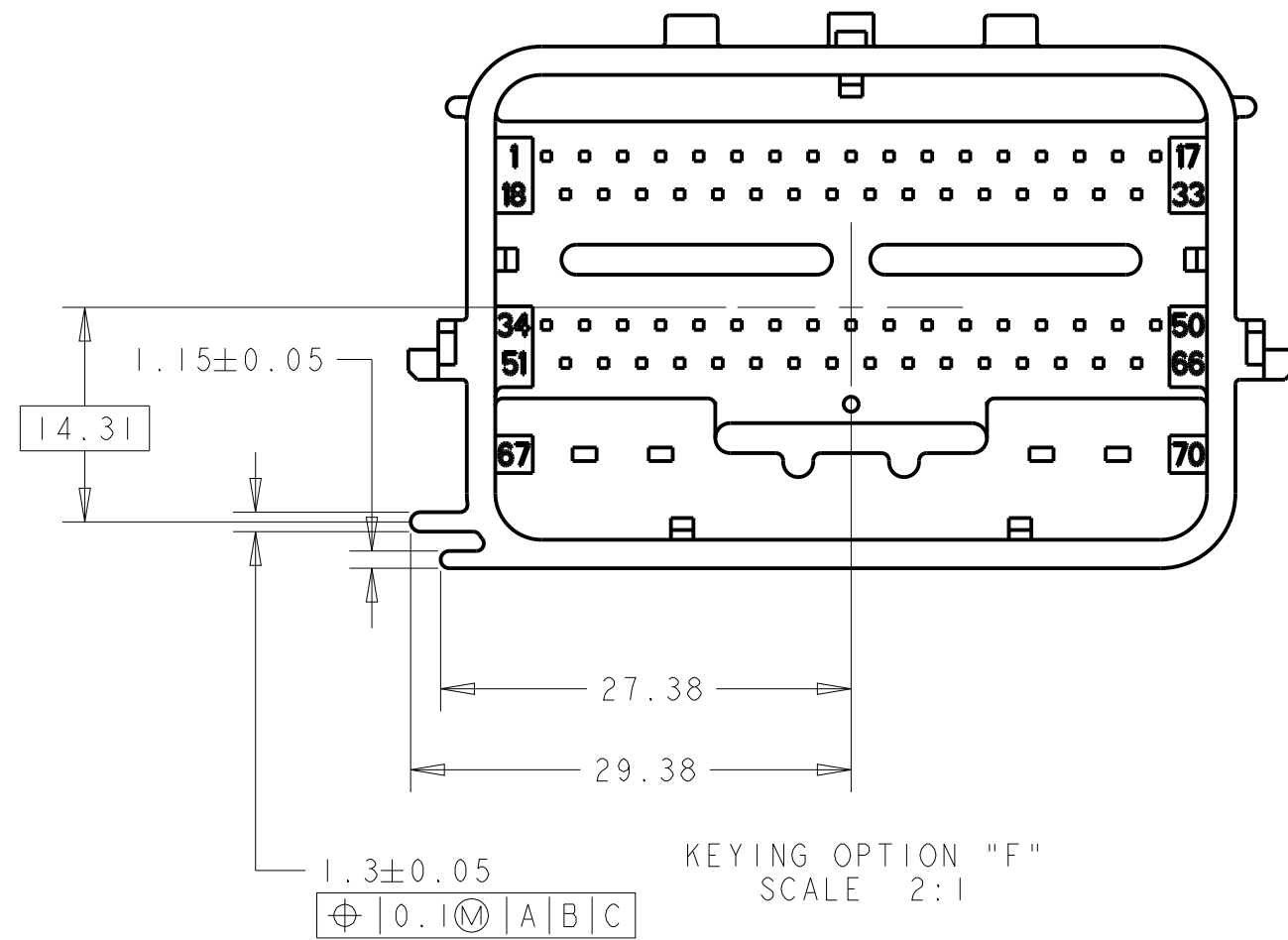
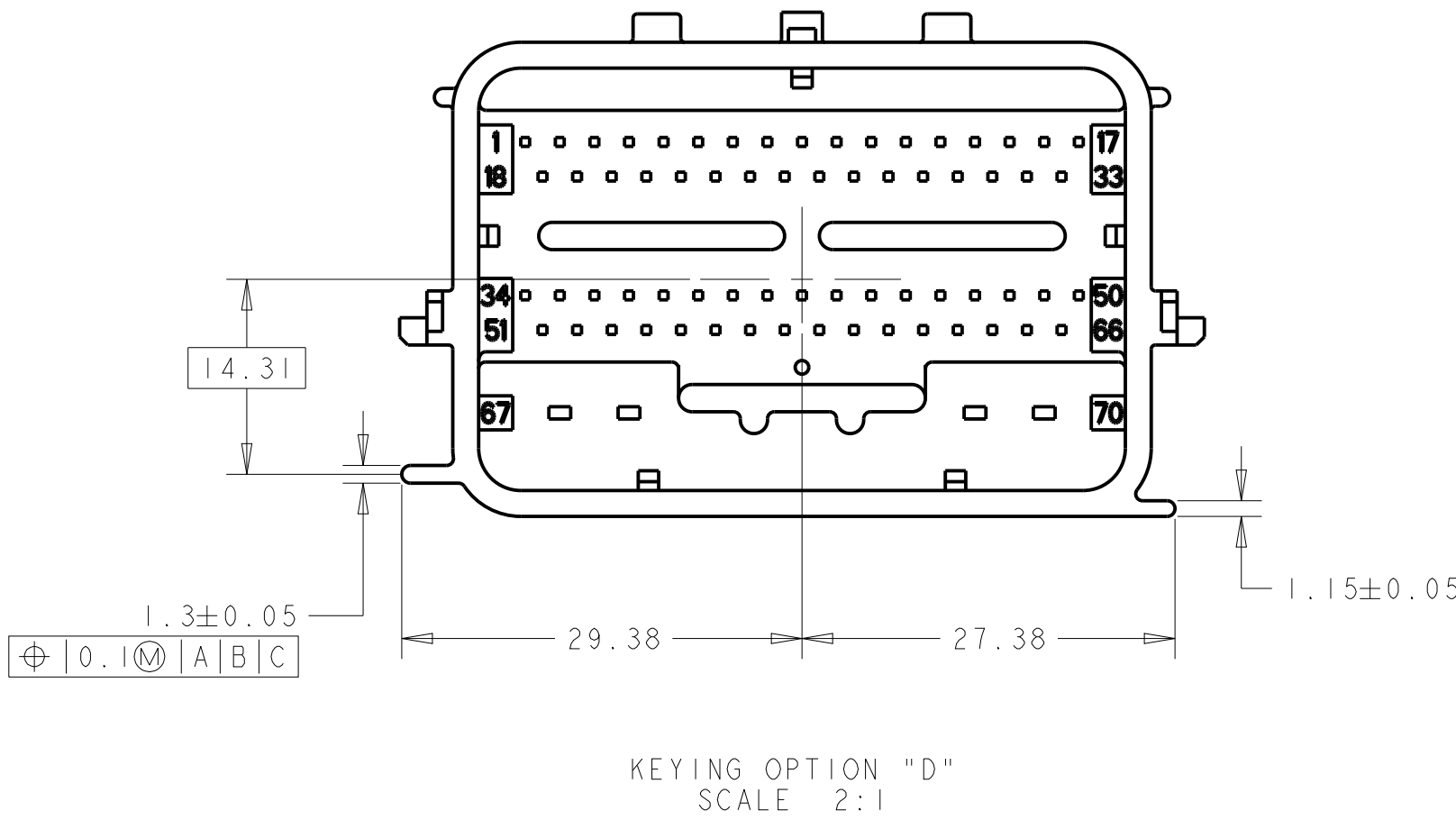
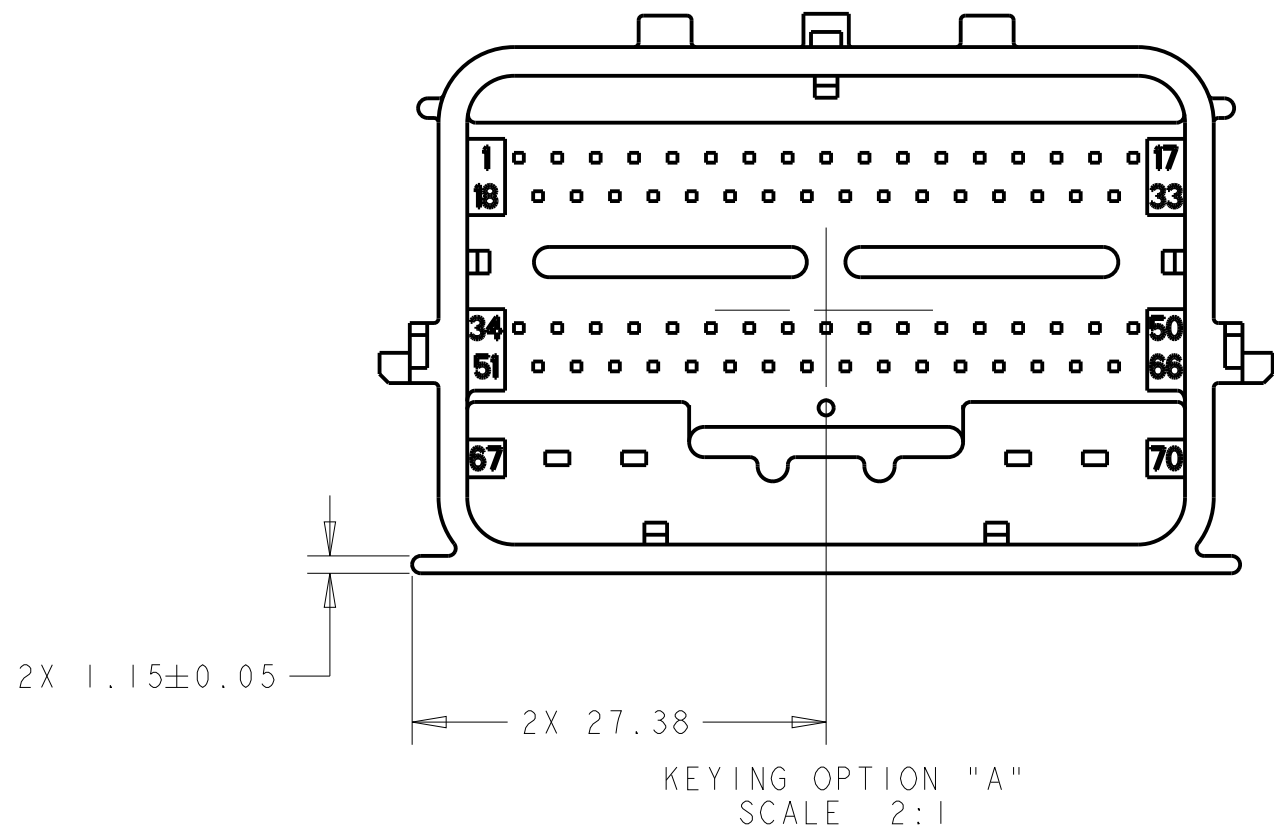
SEE DETAIL F

SECTION B-B

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 REG 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: mm		CHK T. VALASEK 15APR2005		
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		
2 PLC ±0.10		WEIGHT	SIZE CAGE CODE DRAWING NO	
3 PLC ±0.10		CUSTOMER DRAWING	A100779C=1438136	
4 PLC ±0.10		SCALE 2:1	SHEET 11 OF 11	
ANGLES FINISH		REV. 647		

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