

LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION			DATE	DWN	APVD
		A		REVISED PER ECO-12-018201			11OCT2012	KH	MH

1. MATERIAL:
BASE HOUSING, UPPER HOUSING, ORGANIZER,
AND SPACER: THERMOPLASTIC, FLAMMABILITY RATING
UL94 V-0
CONTACT: COPPER ALLOY

2. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT
SPECIFICATION, 108-2375; BASED ON TELCORDIA
GR-1217-CORE FOR SYSTEM QUALITY LEVEL III,
APPLICATIONS IN CONTROLLED ENVIRONMENTS
(CENTRAL OFFICE).
SEE TE PRODUCT SPECIFICATION 108-2375 FOR
TEST SEQUENCES.

3. ROWS GA THRU GE (SHOWN DARKENED) ARE TYPICALLY
USED AS GROUNDS.

4. SPECIFIED POSITIONAL TOLERANCE DEFINES HOLE TO
HOLE LOCATION WITHIN HOLE PATTERN. POSITIONAL
TOLERANCE OF HOLE PATTERN TO FIDUCIAL MARKS
OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER.

5. AREA RESERVED FOR TE CONNECTIVITY LOGO.

6. AREA RESERVED FOR PART NUMBER (X-XXXXXXX-X) AND
DATE CODE (YYWW).

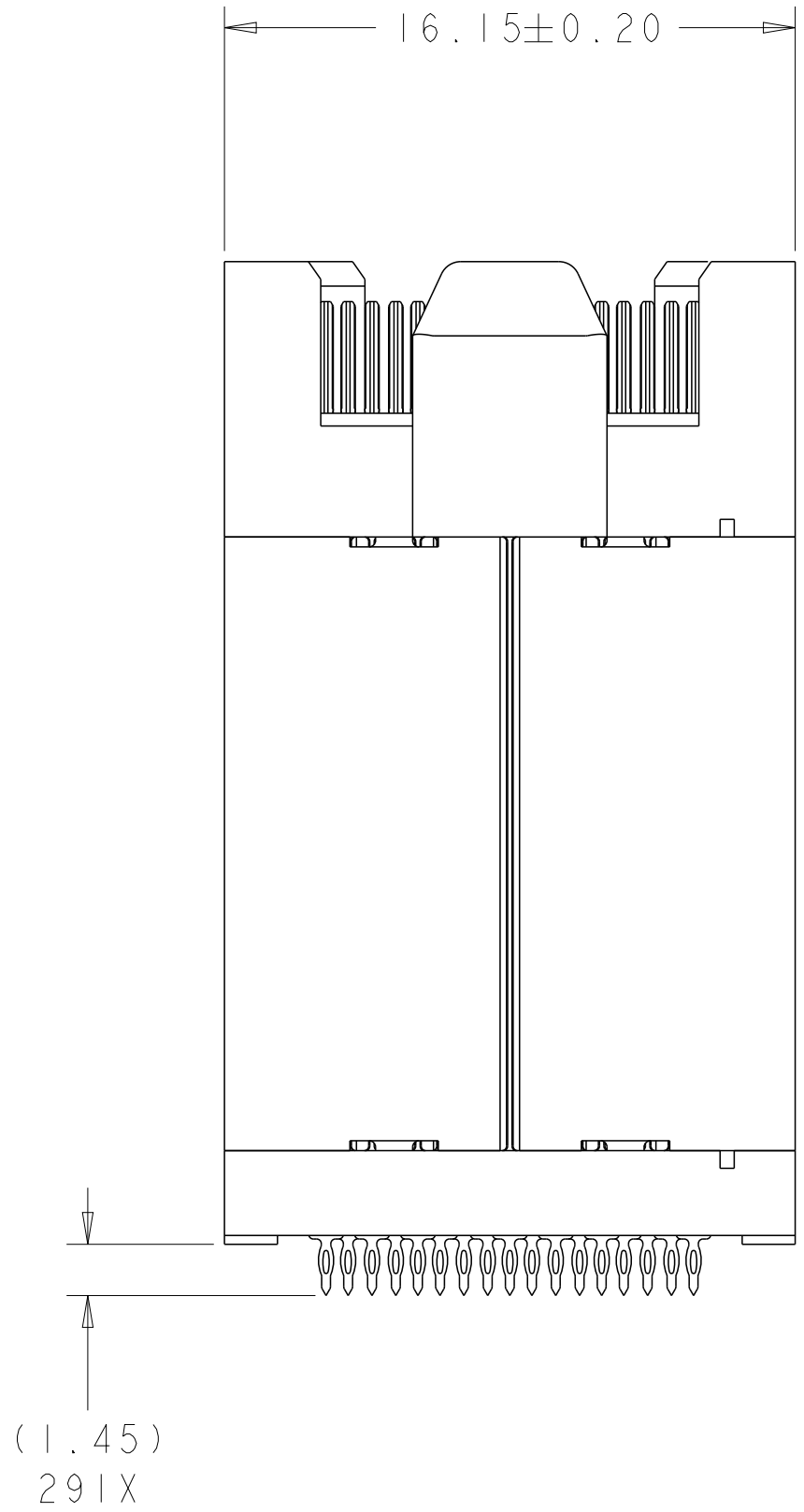
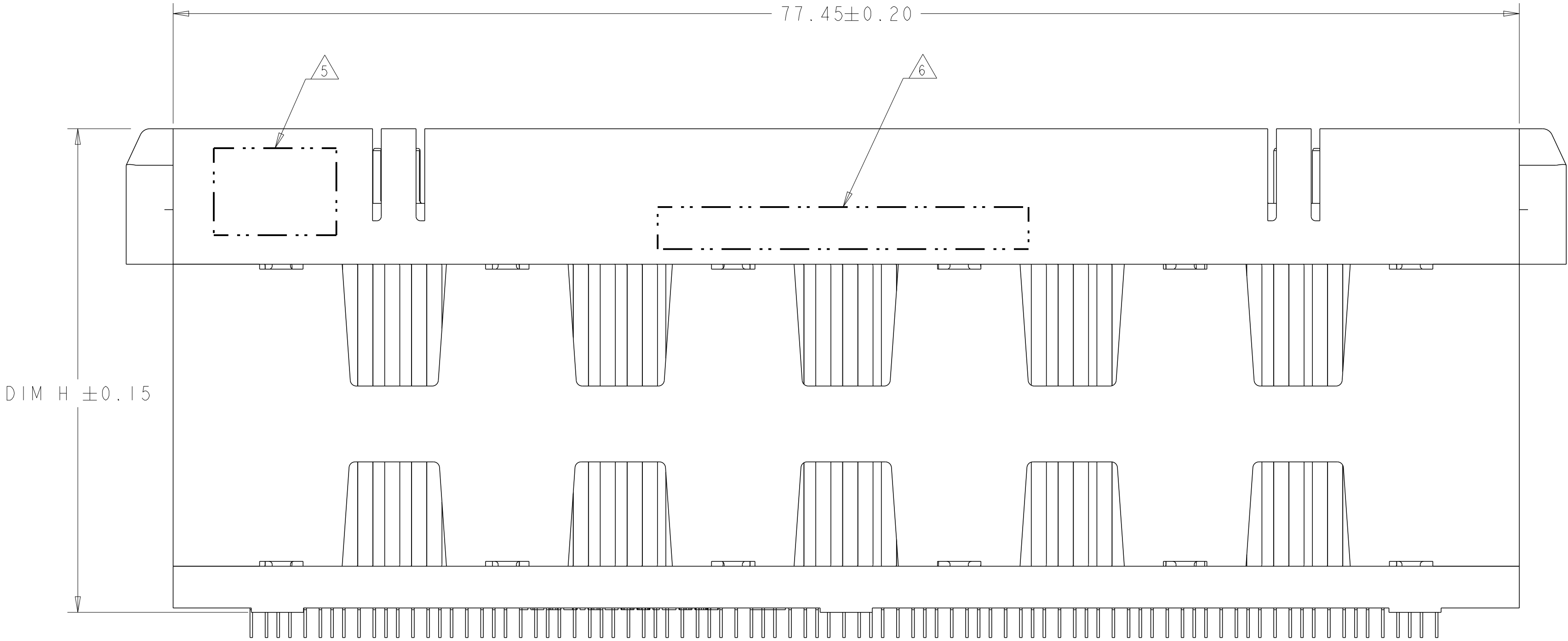
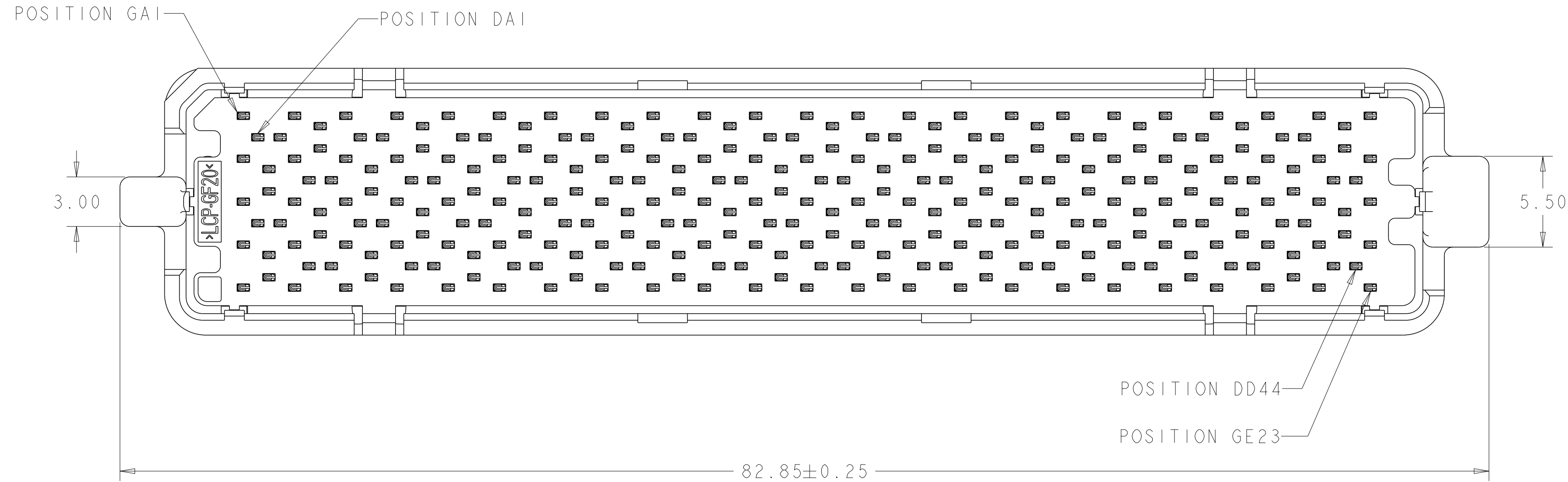
7. USE CENTERLINES INDICATED ON PCB HOLE PATTERN
TO ESTABLISH ALIGNMENT BETWEEN HEADER AND
RECEPTACLE BOARDS.

8. PLATED THROUGH HOLE REQUIREMENTS:
HOLE SIZE PRIOR TO PLATING = $\varnothing 0.420 \pm 0.013$
COPPER PLATING THICKNESS = 0.038 ± 0.013
CALCULATED FINISHED HOLE SIZE = $\varnothing 0.344 \pm 0.039$
THESE DIMENSIONS APPLY TO THE TOP 1.25mm OF
THE PCB THICKNESS FROM THE CONNECTOR MOUNTING
SIDE.

9. CONTACT SALES FOR AVAILABILITY OF THIS STACK
HEIGHT.

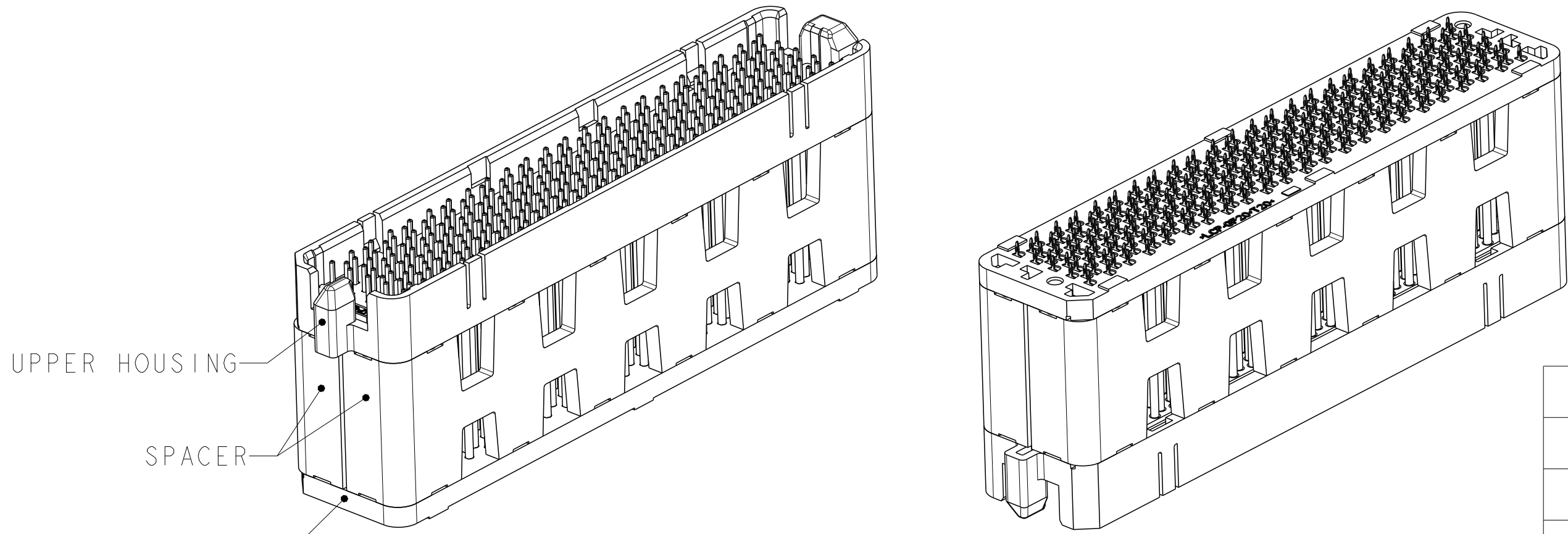
SIZE 3 HALF-WIDE W/GUIDE POSTS *
88 DIFFERENTIAL PAIRS + GROUNDS
291 TOTAL SIGNAL CONTACTS

* SIZE 1 AND SIZE 2 ARE ALSO AVAILABLE

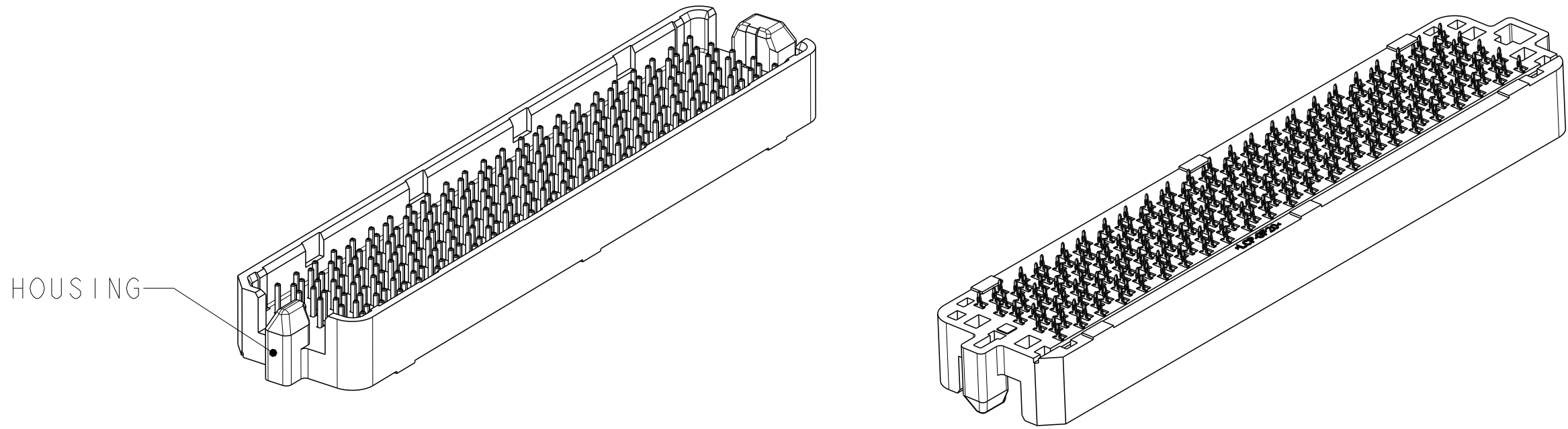


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HAMNER	01SEP2010	 TE Connectivity	
		CHK D. TROUT	29SEP2010		
DIMENSIONS:		APVD J. FEEDER	29SEP2010	NAME HEADER ASSEMBLY, HALF-WIDE, 88/291, STRADA MESA MEZZANINE CONNECTOR	
mm		PRODUCT SPEC			
		108-2375		SIZE A1	
		APPLICATION SPEC			
		114-13249			
		WEIGHT			
MATERIAL		CUSTOMER DRAWING		SCALE 5:1	
				SHEET 1	
				OF 4	
				REV A	

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



ISOMETRIC VIEWS
TYPICAL CONFIGURATION FOR 14mm THRU 42mm
28mm SHOWN
SCALE 2:1



ISOMETRIC VIEWS
TYPICAL CONFIGURATION FOR 8mm THRU 13mm
8mm SHOWN
SCALE 2:1

	41.8	42mm	MATTE Sn	9-2149790-2
	40.8	41mm	MATTE Sn	9-2149790-1
	39.8	40mm	MATTE Sn	9-2149790-0
	38.8	39mm	MATTE Sn	8-2149790-9
	37.8	38mm	MATTE Sn	8-2149790-8
	36.8	37mm	MATTE Sn	8-2149790-7
	35.8	36mm	MATTE Sn	8-2149790-6
YES	34.8	35mm	MATTE Sn	8-2149790-5
	33.8	34mm	MATTE Sn	8-2149790-4
	32.8	33mm	MATTE Sn	8-2149790-3
	31.8	32mm	MATTE Sn	8-2149790-2
	30.8	31mm	MATTE Sn	8-2149790-1
	29.8	30mm	MATTE Sn	8-2149790-0
	28.8	29mm	MATTE Sn	7-2149790-9
YES	27.8	28mm	MATTE Sn	7-2149790-8
	26.8	27mm	MATTE Sn	7-2149790-7
	25.8	26mm	MATTE Sn	7-2149790-6
YES	24.8	25mm	MATTE Sn	7-2149790-5
	23.8	24mm	MATTE Sn	7-2149790-4
	22.8	23mm	MATTE Sn	7-2149790-3
	21.8	22mm	MATTE Sn	7-2149790-2
	20.8	21mm	MATTE Sn	7-2149790-1
	19.8	20mm	MATTE Sn	7-2149790-0
	18.8	19mm	MATTE Sn	6-2149790-9
	17.8	18mm	MATTE Sn	6-2149790-8
	16.8	17mm	MATTE Sn	6-2149790-7
	15.8	16mm	MATTE Sn	6-2149790-6
	14.8	15mm	MATTE Sn	6-2149790-5
	13.8	14mm	MATTE Sn	6-2149790-4
	12.8	13mm	MATTE Sn	6-2149790-3
	11.8	12mm	MATTE Sn	6-2149790-2
	10.8	11mm	MATTE Sn	6-2149790-1
	9.8	10mm	MATTE Sn	6-2149790-0
	8.8	9mm	MATTE Sn	5-2149790-9
	7.8	8mm	MATTE Sn	5-2149790-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

	41.8	42mm	Sn / Pb	4-2149790-2
	40.8	41mm	Sn / Pb	4-2149790-1
	39.8	40mm	Sn / Pb	4-2149790-0
	38.8	39mm	Sn / Pb	3-2149790-9
	37.8	38mm	Sn / Pb	3-2149790-8
	36.8	37mm	Sn / Pb	3-2149790-7
	35.8	36mm	Sn / Pb	3-2149790-6
YES	34.8	35mm	Sn / Pb	3-2149790-5
	33.8	34mm	Sn / Pb	3-2149790-4
	32.8	33mm	Sn / Pb	3-2149790-3
	31.8	32mm	Sn / Pb	3-2149790-2
	30.8	31mm	Sn / Pb	3-2149790-1
	29.8	30mm	Sn / Pb	3-2149790-0
	28.8	29mm	Sn / Pb	2-2149790-9
YES	27.8	28mm	Sn / Pb	2-2149790-8
	26.8	27mm	Sn / Pb	2-2149790-7
	25.8	26mm	Sn / Pb	2-2149790-6
YES	24.8	25mm	Sn / Pb	2-2149790-5
	23.8	24mm	Sn / Pb	2-2149790-4
	22.8	23mm	Sn / Pb	2-2149790-3
	21.8	22mm	Sn / Pb	2-2149790-2
	20.8	21mm	Sn / Pb	2-2149790-1
	19.8	20mm	Sn / Pb	2-2149790-0
	18.8	19mm	Sn / Pb	1-2149790-9
	17.8	18mm	Sn / Pb	1-2149790-8
	16.8	17mm	Sn / Pb	1-2149790-7
	15.8	16mm	Sn / Pb	1-2149790-6
	14.8	15mm	Sn / Pb	1-2149790-5
	13.8	14mm	Sn / Pb	1-2149790-4
	12.8	13mm	Sn / Pb	1-2149790-3
	11.8	12mm	Sn / Pb	1-2149790-2
	10.8	11mm	Sn / Pb	1-2149790-1
	9.8	10mm	Sn / Pb	1-2149790-0
	8.8	9mm	Sn / Pb	2149790-9
	7.8	8mm	Sn / Pb	2149790-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±°
1 PLC ±°
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±°
ANGLES ±°
FINISH

MATERIAL

-

DWN HAMNER 01SEP2010
CHK D. TROUT 29SEP2010
APVD J. FEDDER 29SEP2010

PRODUCT SPEC

108-2375

APPLICATION SPEC

114-13249

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME

HEADER ASSEMBLY, HALF-WIDE, 88/291, STRADA MESA MEZZANINE CONNECTOR

SIZE

A1

CAGE CODE

00779

DRAWING NO

2149790

RESTRICTED TO

-

SCALE

5:1

SHEET

2

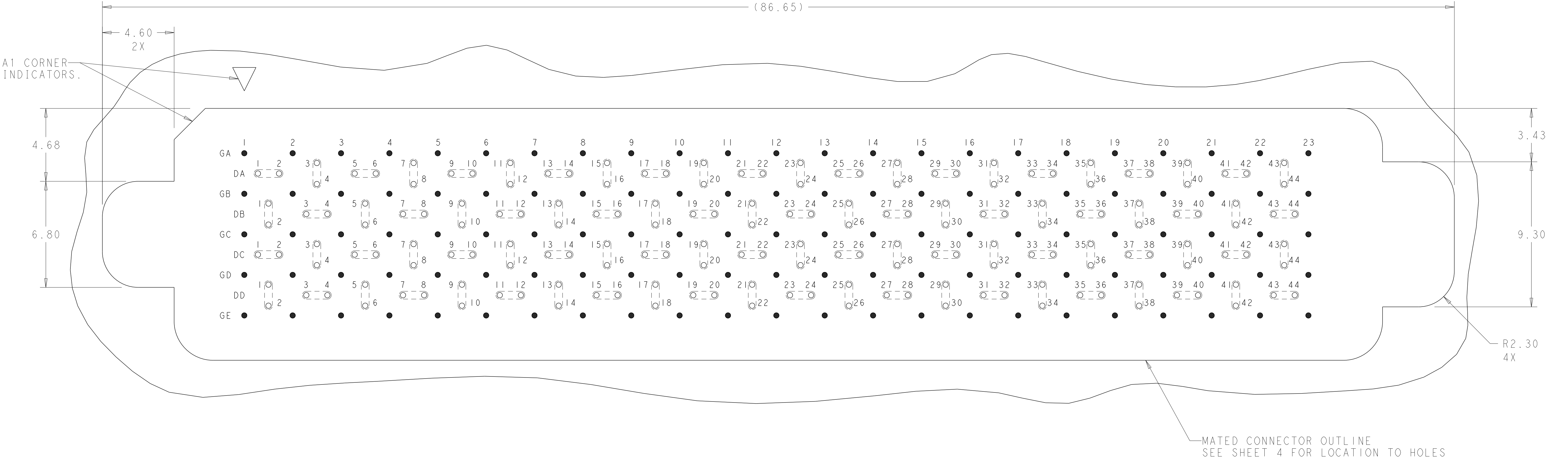
OF

4

REV

A

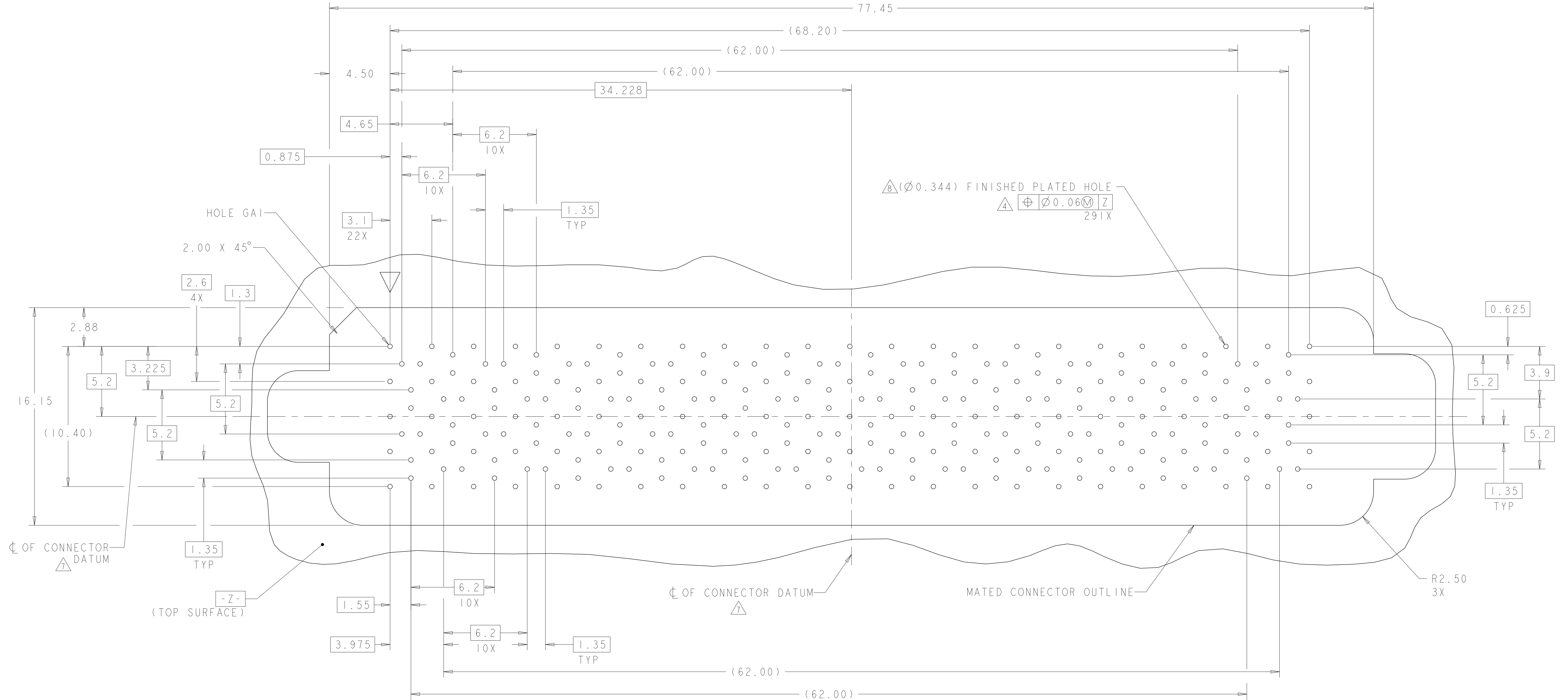
LOC		DIST		REVISIONS						
GP		00		P	LTR	DESCRIPTION		DATE	DWN	APVD
					-	SEE SHEET 1		-	-	-



PCB LAYOUT AND PIN IDENTIFICATION 
SHOWN FROM CONNECTOR SIDE
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	HAMNER	01SEP2010	 TE Connectivity		
				CHK	D. TROUT	29SEP2010			
				APVD	FEDDER	29SEP2010	NAME		
DIMENSIONS:				TOLERANCES UNLESS OTHERWISE SPECIFIED:			PRODUCT SPEC		
mm				0 PLC ±"			108-2375		
				1 PLC ±"			APPLICATION SPEC		
				2 PLC ±0.13			SIZE		
				3 PLC ±0.013			CAGE CODE		
				4 PLC ±"			DRAWING NO		
				ANGLES			RESTRICTED TO		
				FINISH			A100779C=2149790		
MATERIAL				WEIGHT			SCALE		
-				-			5:1		
				CUSTOMER DRAWING			SHEET		
							3		
							OF		
							4		
							REV		
							A		

LOC		DIST		REVISIONS				
GP		00		P	LTR	DESCRIPTION		DATE
						SEE SHEET 1		



PCB HOLE PATTERN
SHOWN FROM CONNECTOR SIDE
SCALE 7:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	HAMNER	01SEP2010	TE Connectivity			
		CHK	D. TROUT	29SEP2010				
DIMENSIONS:		APVD	J. FEEDER	29SEP2010	NAME			
mm					PRODUCT SPEC			
					108-2375			
					APPLICATION SPEC			
					114-13249			
MATERIAL					SIZE			
					CAGE CODE			
					DRAWING NO			
					RESTRICTED TO			
					A100779C=2149790			
					CUSTOMER DRAWING			
					SCALE			
					5:1			
					SHEET			
					4			
					OF			
					4			
					REV			
					A			