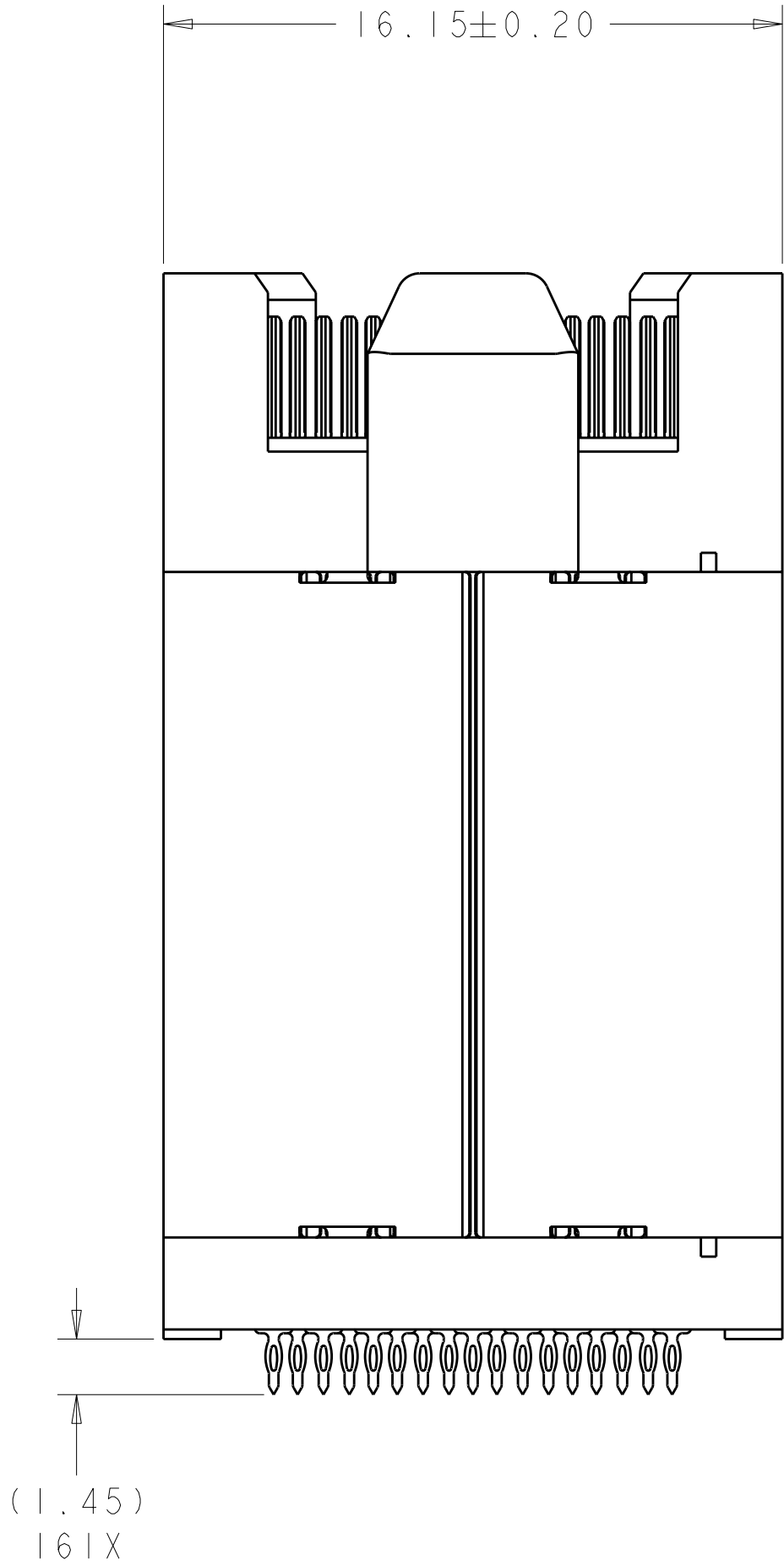
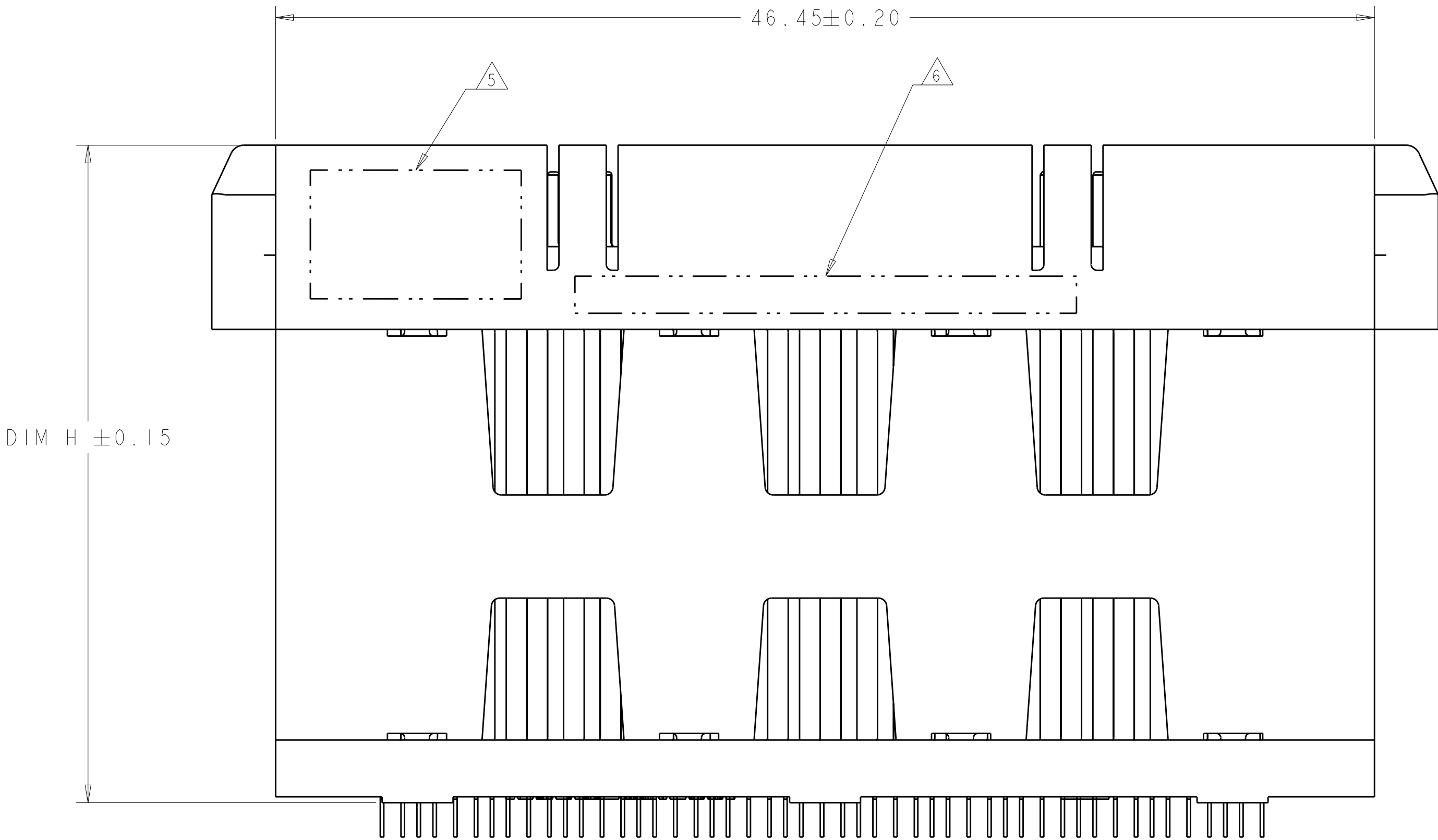
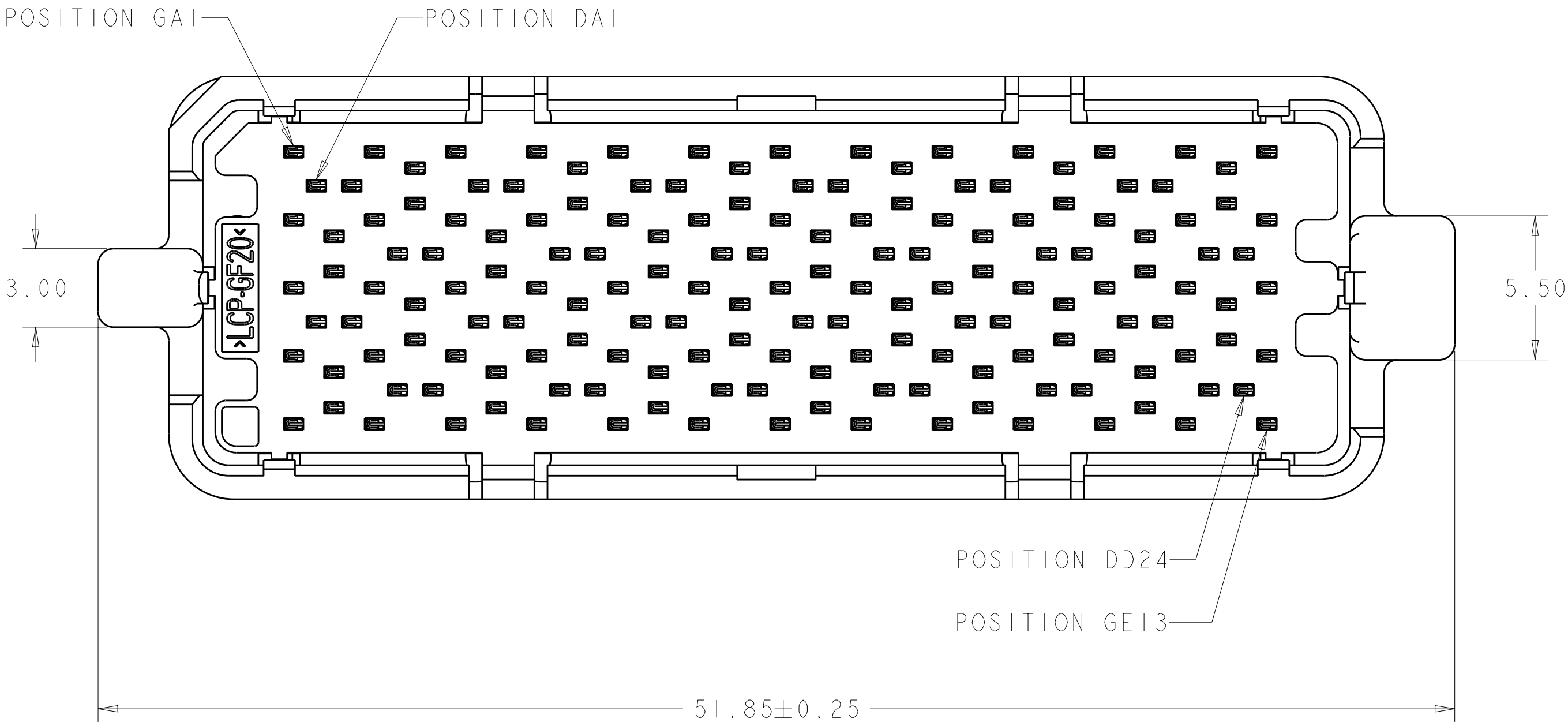


LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION		DATE	DWN	APVD	
			2	REVISED		14DEC2010	WS	MH	
			3	REVISED		11MAY2012	REH	DT	



- ⚠ 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.

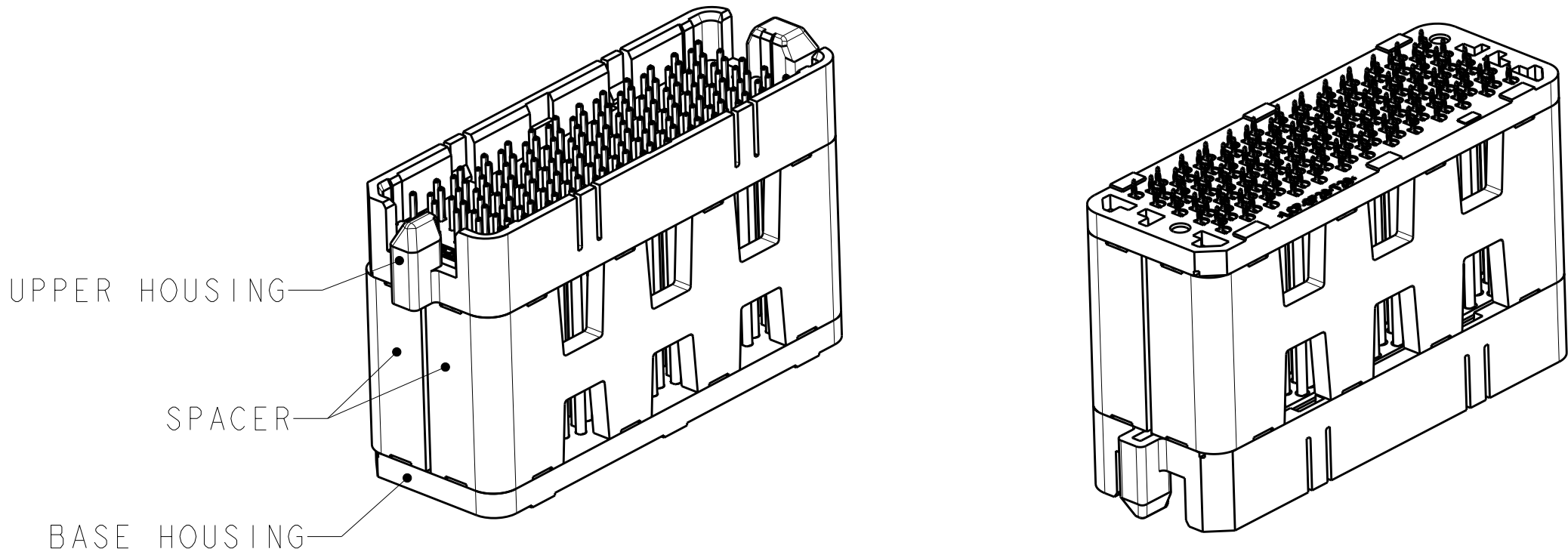
SIZE 2 HALF-WIDE W/GUIDE POSTS *
48 DIFFERENTIAL PAIRS + GROUNDS
161 TOTAL SIGNAL CONTACTS

* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

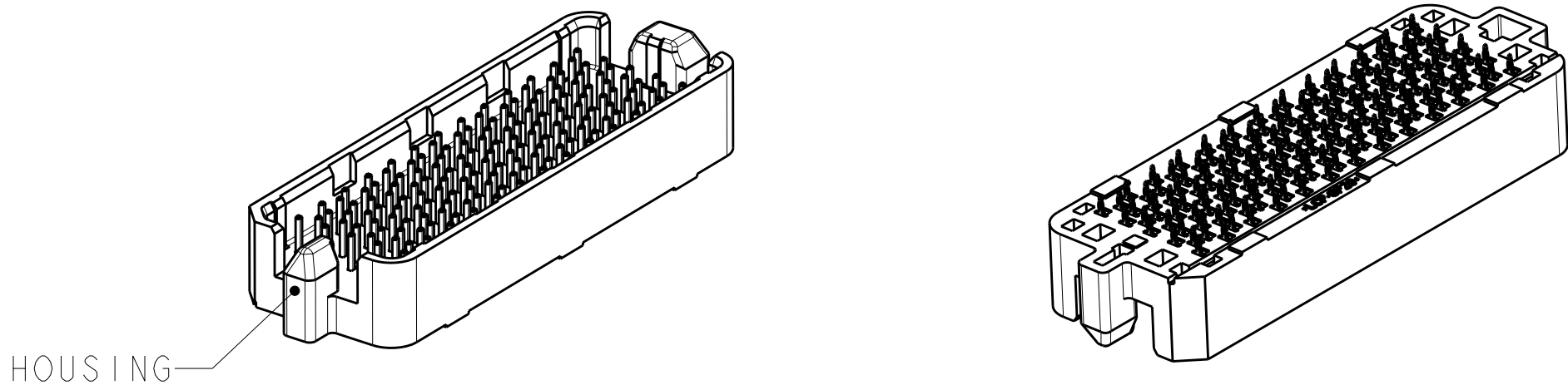
THIS PRODUCT HAS NOT
COMPLETED VALIDATION AND
QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HAMNER	25SEP2010	 TE Connectivity	
DIMENSIONS:		CHK D. TROUT	29SEP2010		
mm		APVD J. FEDDER	29SEP2010	NAME	
		PRODUCT SPEC		HEADER ASSEMBLY, HALF-WIDE, 48/161, STRADA MESA MEZZANINE CONNECTOR	
		108-2375			
		APPLICATION SPEC			
		114-13249			
MATERIAL		FINISH		RESTRICTED TO	
-		-		-	
		WEIGHT		A100779C=2149780	
		CUSTOMER DRAWING		SCALE 6:1 SHEET 1 OF 4 REV 3	

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



ISOMETRIC VIEW
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	9-2149780-2
	40.8	41mm	MATTE Sn	9-2149780-1
	39.8	40mm	MATTE Sn	9-2149780-0
	38.8	39mm	MATTE Sn	8-2149780-9
	37.8	38mm	MATTE Sn	8-2149780-8
	36.8	37mm	MATTE Sn	8-2149780-7
	35.8	36mm	MATTE Sn	8-2149780-6
	34.8	35mm	MATTE Sn	8-2149780-5
	33.8	34mm	MATTE Sn	8-2149780-4
	32.8	33mm	MATTE Sn	8-2149780-3
	31.8	32mm	MATTE Sn	8-2149780-2
	30.8	31mm	MATTE Sn	8-2149780-1
	29.8	30mm	MATTE Sn	8-2149780-0
	28.8	29mm	MATTE Sn	7-2149780-9
	27.8	28mm	MATTE Sn	7-2149780-8
	26.8	27mm	MATTE Sn	7-2149780-7
	25.8	26mm	MATTE Sn	7-2149780-6
	24.8	25mm	MATTE Sn	7-2149780-5
	23.8	24mm	MATTE Sn	7-2149780-4
	22.8	23mm	MATTE Sn	7-2149780-3
	21.8	22mm	MATTE Sn	7-2149780-2
	20.8	21mm	MATTE Sn	7-2149780-1
	19.8	20mm	MATTE Sn	7-2149780-0
	18.8	19mm	MATTE Sn	6-2149780-9
	17.8	18mm	MATTE Sn	6-2149780-8
	16.8	17mm	MATTE Sn	6-2149780-7
	15.8	16mm	MATTE Sn	6-2149780-6
	14.8	15mm	MATTE Sn	6-2149780-5
	13.8	14mm	MATTE Sn	6-2149780-4
	12.8	13mm	MATTE Sn	6-2149780-3
	11.8	12mm	MATTE Sn	6-2149780-2
YES	10.8	11mm	MATTE Sn	6-2149780-1
	9.8	10mm	MATTE Sn	6-2149780-0
	8.8	9mm	MATTE Sn	5-2149780-9
	7.8	8mm	MATTE Sn	5-2149780-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

	41.8	42mm	Sn/Pb	4-2149780-2
	40.8	41mm	Sn/Pb	4-2149780-1
	39.8	40mm	Sn/Pb	4-2149780-0
	38.8	39mm	Sn/Pb	3-2149780-9
	37.8	38mm	Sn/Pb	3-2149780-8
	36.8	37mm	Sn/Pb	3-2149780-7
	35.8	36mm	Sn/Pb	3-2149780-6
	34.8	35mm	Sn/Pb	3-2149780-5
	33.8	34mm	Sn/Pb	3-2149780-4
	32.8	33mm	Sn/Pb	3-2149780-3
	31.8	32mm	Sn/Pb	3-2149780-2
	30.8	31mm	Sn/Pb	3-2149780-1
	29.8	30mm	Sn/Pb	3-2149780-0
	28.8	29mm	Sn/Pb	2-2149780-9
	27.8	28mm	Sn/Pb	2-2149780-8
	26.8	27mm	Sn/Pb	2-2149780-7
	25.8	26mm	Sn/Pb	2-2149780-6
	24.8	25mm	Sn/Pb	2-2149780-5
	23.8	24mm	Sn/Pb	2-2149780-4
	22.8	23mm	Sn/Pb	2-2149780-3
	21.8	22mm	Sn/Pb	2-2149780-2
	20.8	21mm	Sn/Pb	2-2149780-1
	19.8	20mm	Sn/Pb	2-2149780-0
	18.8	19mm	Sn/Pb	1-2149780-9
	17.8	18mm	Sn/Pb	1-2149780-8
	16.8	17mm	Sn/Pb	1-2149780-7
	15.8	16mm	Sn/Pb	1-2149780-6
	14.8	15mm	Sn/Pb	1-2149780-5
	13.8	14mm	Sn/Pb	1-2149780-4
	12.8	13mm	Sn/Pb	1-2149780-3
	11.8	12mm	Sn/Pb	1-2149780-2
YES	10.8	11mm	Sn/Pb	1-2149780-1
	9.8	10mm	Sn/Pb	1-2149780-0
	8.8	9mm	Sn/Pb	2149780-9
	7.8	8mm	Sn/Pb	2149780-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

CHW

D. TROUT

APVD

25SEP2010

29SEP2010

29SEP2010

9 PLC ±

1 PLC ±0.13

5 PLC ±0.013

4 PLC ±

ANGLES ±#1

FINISH -

PRODUCT SPEC

108-2375

APPLICATION SPEC

114-13249

WEIGHT -

CUSTOMER DRAWING

NAME

HEADER ASSEMBLY, HALF-WIDE, 48/161, STRADA MESA MEZZANINE CONNECTOR

SIZE | CAGE CODE | DRAWING NO

A100779C=2149780

RESTRICTED TO

-

SCALE 6:1

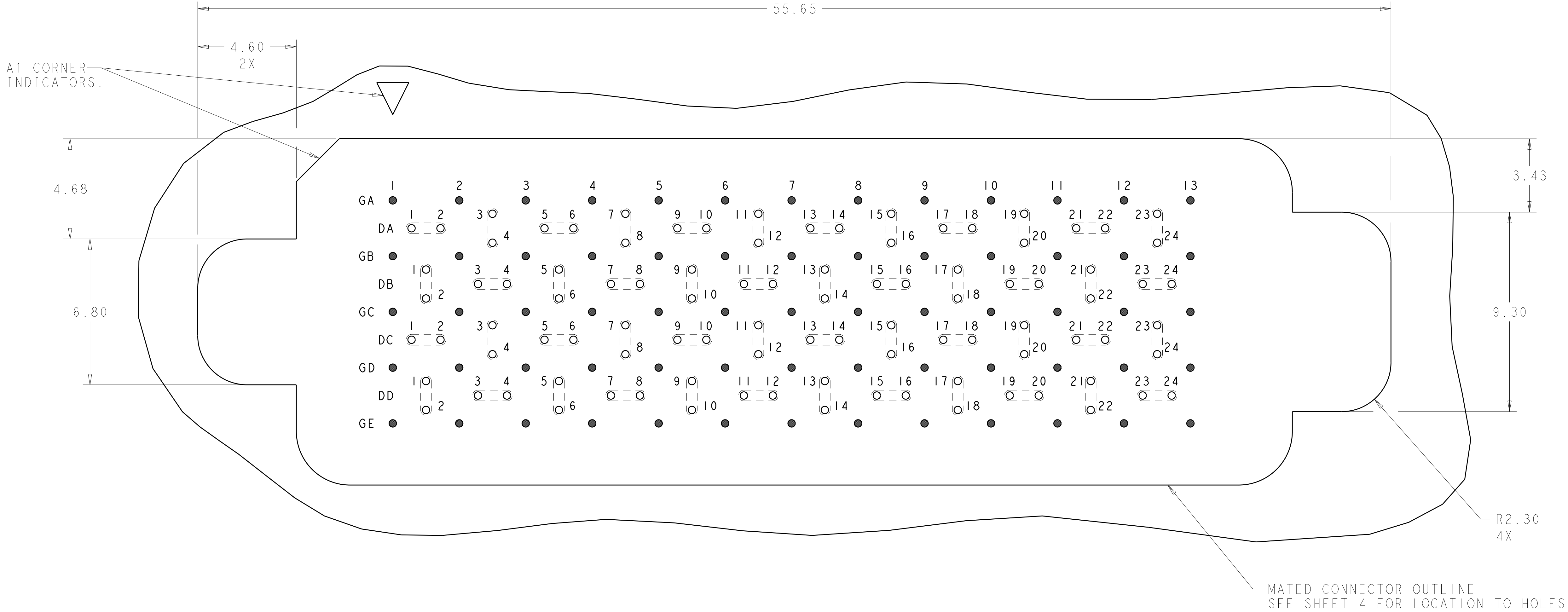
SHEET 2 OF 4

REV 3

TE Connectivity

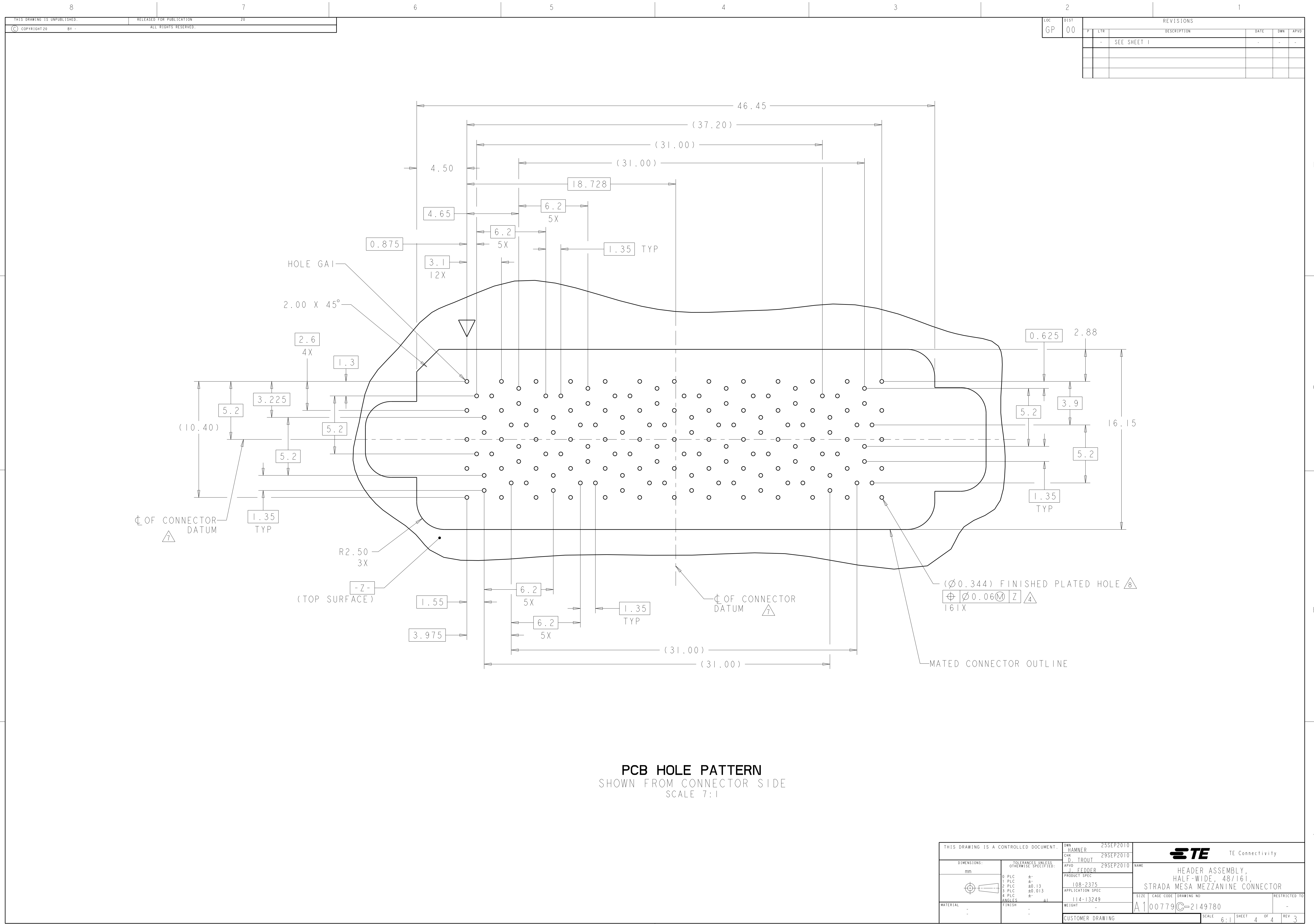
TE

LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	OWN	APVD
				-	-	SEE SHEET 1	-	-	-



PCB LAYOUT AND PIN IDENTIFICATION 
SHOWN FROM CONNECTOR SIDE
SCALE 9:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN	HAMNER	25SEP2010	 TE Connectivity	
		CHK	D. TROUT	29SEP2010		
		APVD	J. FEDDER	29SEP2010	NAME	
					HEADER ASSEMBLY, HALF-WIDE, 48/161, STRADA MESA MEZZANINE CONNECTOR	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:			SIZE	
mm		9 PLC ±			CAGE CODE	
		2 PLC ±			DRAWING NO	
		3 PLC ±0.13			RESTRICTED TO	
		5 PLC ±0.013			A100779C=2149780	
		4 PLC ±			SCALE	
		ANGLES			6:1	
		FINISH			SHEET	
MATERIAL		CUSTOMER DRAWING			3 OF 4	
					REV	
					3	



LOC		DIST		REVISIONS				
GP	00			DESCRIPTION	DATE	OWN	APVD	
				SEE SHEET 1	-	-	-	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	HAMNER	25SEP2010	 TE Connectivity			
		CHK	D. TROUT	29SEP2010				
		APVD	J. FEDDER	29SEP2010	NAME			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		108-2375		
mm		9 PLC ±		APPLICATION SPEC		114-13249		
		3 PLC ±0.13				WEIGHT		
		5 PLC ±0.013				CUSTOMER DRAWING		
		4 PLC ±				SCALE 6:1 SHEET 4 OF 4 REV 3		
		ANGLES ±1						
		FINISH						
MATERIAL								