

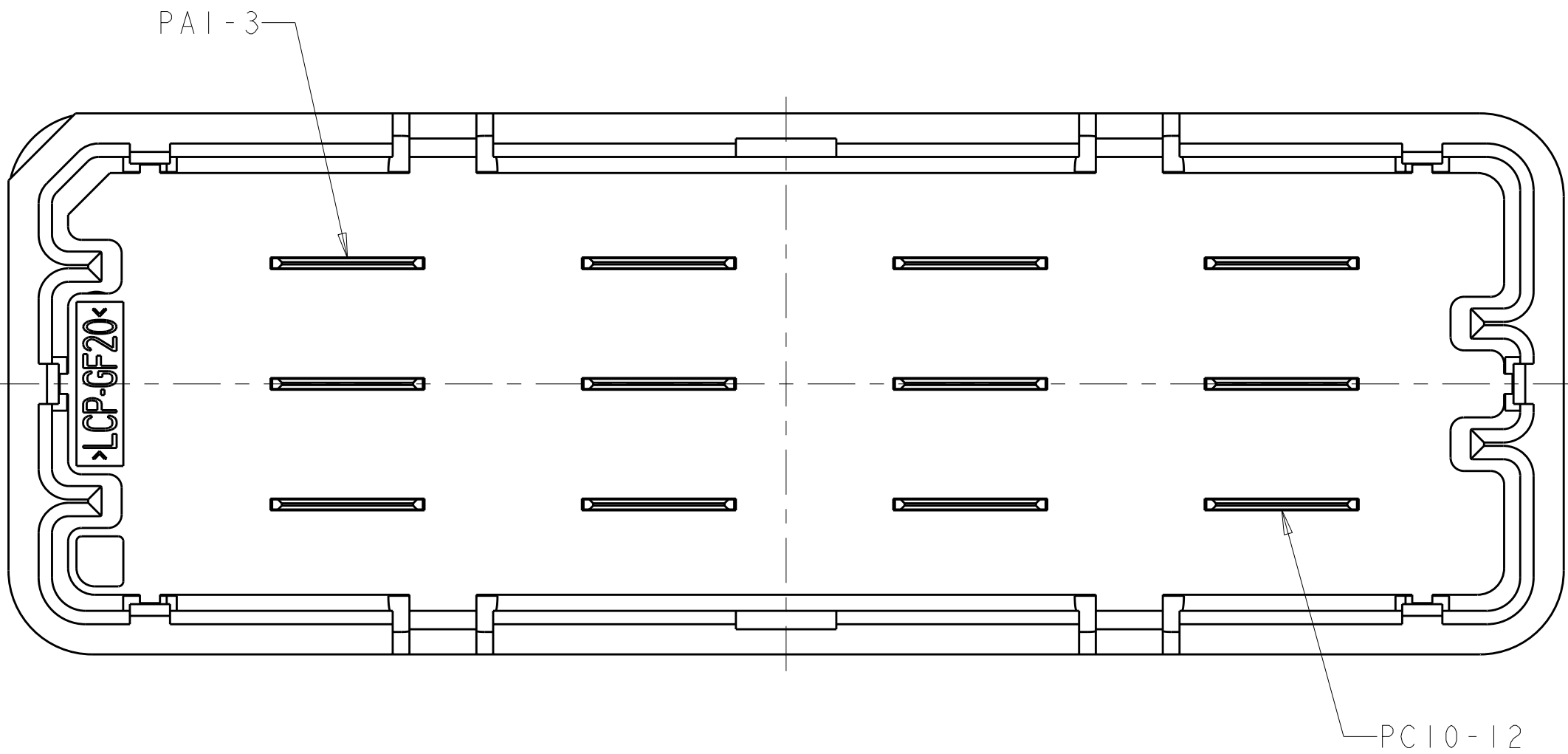
LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION		DATE	OWN	APVD	
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			3	REVISED		14MAY2012	REH	DT	

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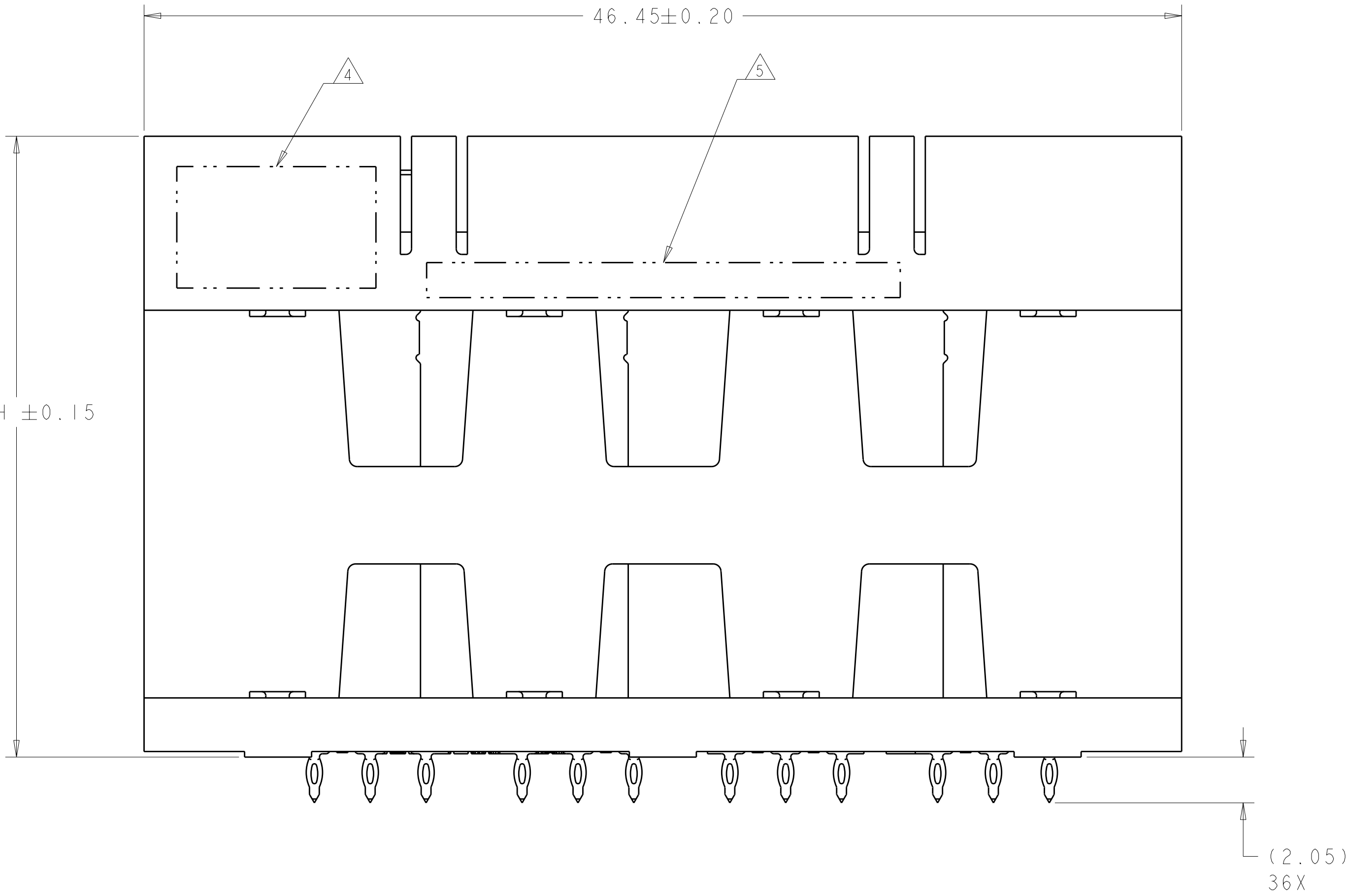
A



- △ 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. 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.
- △ 4. AREA RESERVED FOR TE CONNECTIVITY LOGO.
- △ 5. AREA RESERVED FOR PART NUMBER (X-XXXXXXX-X) AND
DATE CODE (YYWW).
- △ 6. USE CENTER LINES INDICATED ON PCB HOLE PATTERN
TO ESTABLISH ALIGNMENT BETWEEN HEADER AND
RECEPTACLE BOARDS.
- △ 7. PLATED THROUGH HOLE REQUIREMENTS:
HOLE SIZE PRIOR TO PLATING = $\varnothing 0.700 \pm 0.025$
COPPER PLATING THICKNESS = 0.038 ± 0.013
CALCULATED FINISHED HOLE SIZE = $\varnothing 0.624 \pm 0.051$
THESE DIMENSIONS APPLY TO THE TOP 1.50mm OF
THE PCB THICKNESS FROM THE CONNECTOR MOUNTING
SIDE.
- △ 8. CONTACT SALES FOR AVAILABILITY OF THIS STACK
HEIGHT.

SIZE 2 HALF-WIDE *
12 POWER CONTACTS

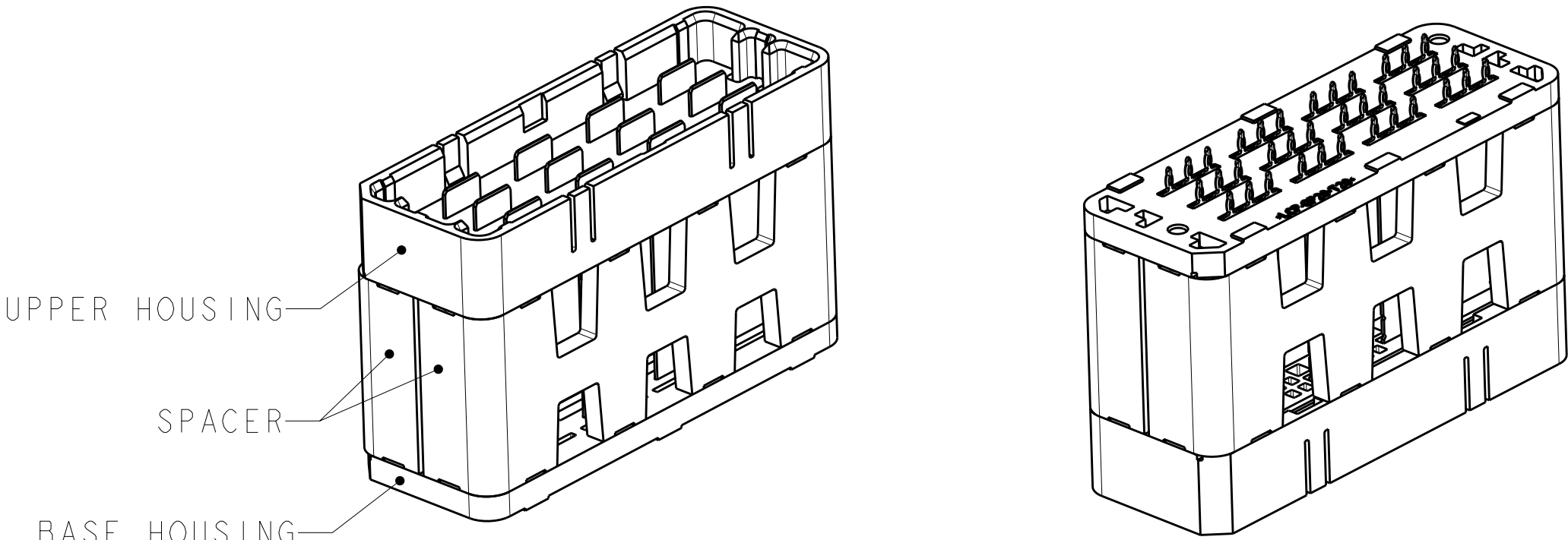
* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE



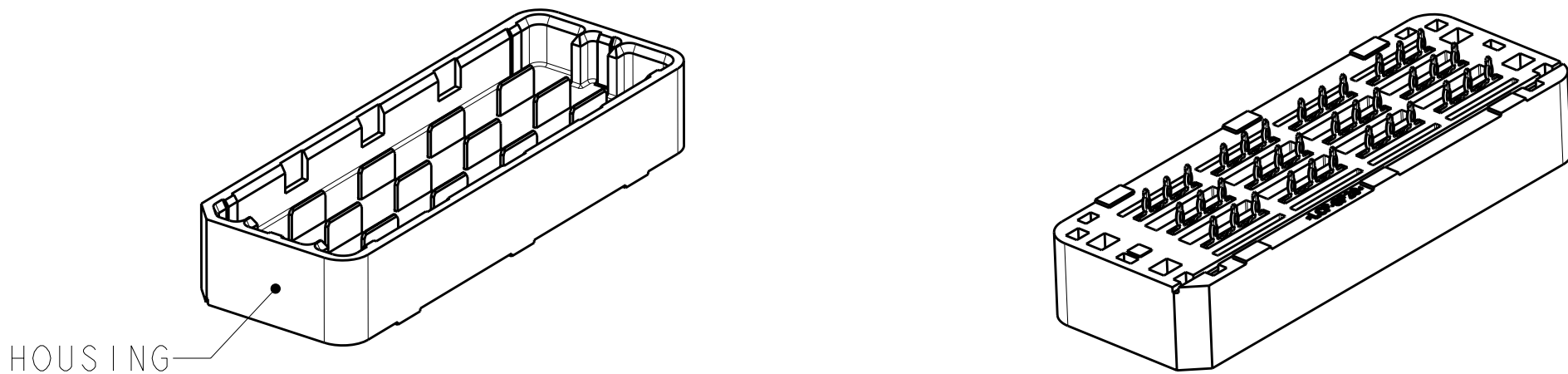
THIS PRODUCT HAS NOT
COMPLETED VALIDATION AND
QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN	26OCT2010	TE Connectivity	
		CHK	HAMNER		
		APVD	D. TROUT	NAME	
		APVD	J. FEDDER	PRODUCT SPEC	
				108-2375	
				APPLICATION SPEC	
				114-13249	
				WEIGHT	
				CUSTOMER DRAWING	
				SCALE 6:1 SHEET 1 OF 4 REV 3	

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



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	9-2149530-2
	40.8	41mm	MATTE Sn	9-2149530-1
	39.8	40mm	MATTE Sn	9-2149530-0
	38.8	39mm	MATTE Sn	8-2149530-9
	37.8	38mm	MATTE Sn	8-2149530-8
YES	36.8	37mm	MATTE Sn	8-2149530-7
	35.8	36mm	MATTE Sn	8-2149530-6
	34.8	35mm	MATTE Sn	8-2149530-5
	33.8	34mm	MATTE Sn	8-2149530-4
	32.8	33mm	MATTE Sn	8-2149530-3
	31.8	32mm	MATTE Sn	8-2149530-2
	30.8	31mm	MATTE Sn	8-2149530-1
	29.8	30mm	MATTE Sn	8-2149530-0
	28.8	29mm	MATTE Sn	7-2149530-9
	27.8	28mm	MATTE Sn	7-2149530-8
	26.8	27mm	MATTE Sn	7-2149530-7
	25.8	26mm	MATTE Sn	7-2149530-6
	24.8	25mm	MATTE Sn	7-2149530-5
	23.8	24mm	MATTE Sn	7-2149530-4
	22.8	23mm	MATTE Sn	7-2149530-3
YES	21.8	22mm	MATTE Sn	7-2149530-2
	20.8	21mm	MATTE Sn	7-2149530-1
	19.8	20mm	MATTE Sn	7-2149530-0
	18.8	19mm	MATTE Sn	6-2149530-9
	17.8	18mm	MATTE Sn	6-2149530-8
	16.8	17mm	MATTE Sn	6-2149530-7
	15.8	16mm	MATTE Sn	6-2149530-6
	14.8	15mm	MATTE Sn	6-2149530-5
	13.8	14mm	MATTE Sn	6-2149530-4
	12.8	13mm	MATTE Sn	6-2149530-3
	11.8	12mm	MATTE Sn	6-2149530-2
	10.8	11mm	MATTE Sn	6-2149530-1
	9.8	10mm	MATTE Sn	6-2149530-0
	8.8	9mm	MATTE Sn	5-2149530-9
	7.8	8mm	MATTE Sn	5-2149530-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

	41.8	42mm	Sn/Pb	4-2149530-2
	40.8	41mm	Sn/Pb	4-2149530-1
	39.8	40mm	Sn/Pb	4-2149530-0
	38.8	39mm	Sn/Pb	3-2149530-9
	37.8	38mm	Sn/Pb	3-2149530-8
YES	36.8	37mm	Sn/Pb	3-2149530-7
	35.8	36mm	Sn/Pb	3-2149530-6
	34.8	35mm	Sn/Pb	3-2149530-5
	33.8	34mm	Sn/Pb	3-2149530-4
	32.8	33mm	Sn/Pb	3-2149530-3
	31.8	32mm	Sn/Pb	3-2149530-2
	30.8	31mm	Sn/Pb	3-2149530-1
	29.8	30mm	Sn/Pb	3-2149530-0
	28.8	29mm	Sn/Pb	2-2149530-9
	27.8	28mm	Sn/Pb	2-2149530-8
	26.8	27mm	Sn/Pb	2-2149530-7
	25.8	26mm	Sn/Pb	2-2149530-6
	24.8	25mm	Sn/Pb	2-2149530-5
	23.8	24mm	Sn/Pb	2-2149530-4
	22.8	23mm	Sn/Pb	2-2149530-3
YES	21.8	22mm	Sn/Pb	2-2149530-2
	20.8	21mm	Sn/Pb	2-2149530-1
	19.8	20mm	Sn/Pb	2-2149530-0
	18.8	19mm	Sn/Pb	1-2149530-9
	17.8	18mm	Sn/Pb	1-2149530-8
	16.8	17mm	Sn/Pb	1-2149530-7
	15.8	16mm	Sn/Pb	1-2149530-6
	14.8	15mm	Sn/Pb	1-2149530-5
	13.8	14mm	Sn/Pb	1-2149530-4
	12.8	13mm	Sn/Pb	1-2149530-3
	11.8	12mm	Sn/Pb	1-2149530-2
	10.8	11mm	Sn/Pb	1-2149530-1
	9.8	10mm	Sn/Pb	1-2149530-0
	8.8	9mm	Sn/Pb	2149530-9
	7.8	8mm	Sn/Pb	2149530-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

9 PLC
1 PLC
3 PLC
5 PLC
4 PLC
ANGLES
FINISH

±
±0.13
±0.013
±
±#1

mm

26OCT2010
27OCT2010
27OCT2010

CHK
D. TROUT
APVD
A. FEDDER

26OCT2010
27OCT2010

PRODUCT SPEC
108-2375
APPLICATION SPEC
114-13249

WEIGHT
-

CUSTOMER DRAWING

SCALE 6:1

SHEET 2 OF 4

REV 3

OWN
HAMNER
26OCT2010

NAME
HEADER ASSEMBLY,
HALF-WIDE, 12P,
STRADA MESA MEZZANINE CONNECTOR

SIZE
A100779

CAGE CODE
C=2149530

DRAWING NO
-

RESTRICTED TO

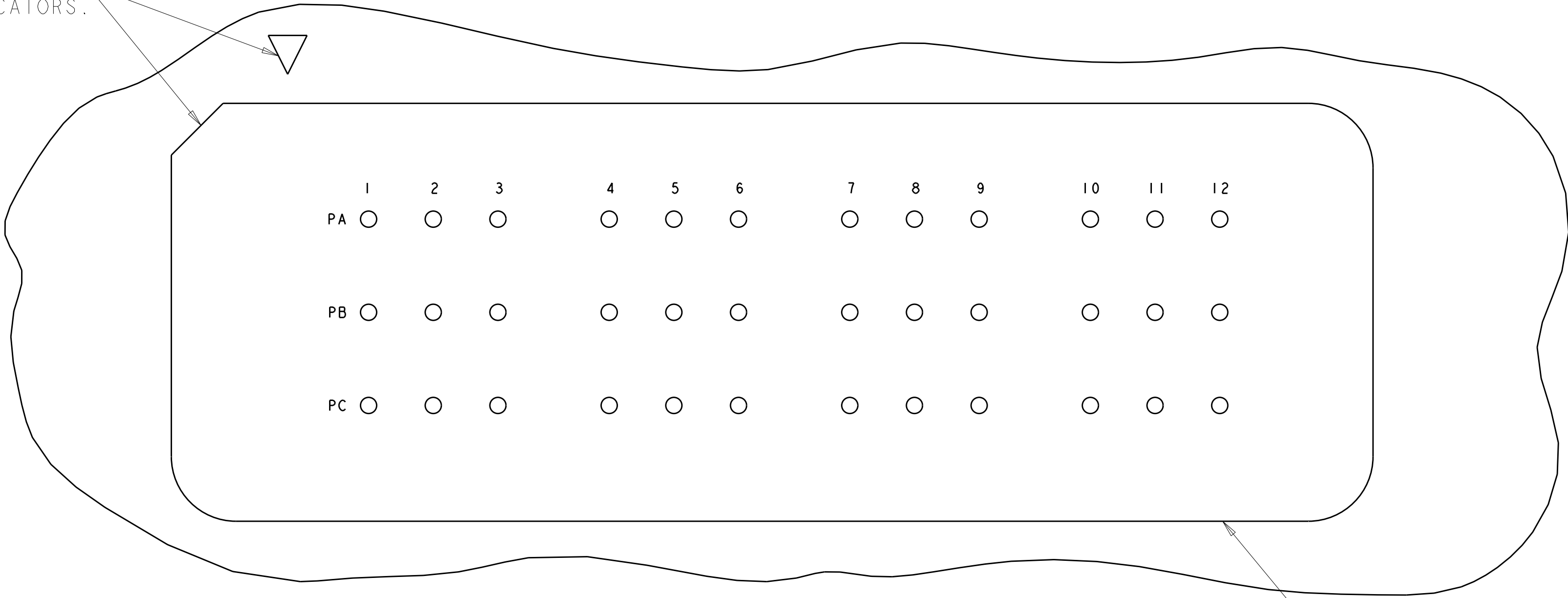
-

TE Connectivity

4805 (3/11)

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

A1 CORNER INDICATORS.

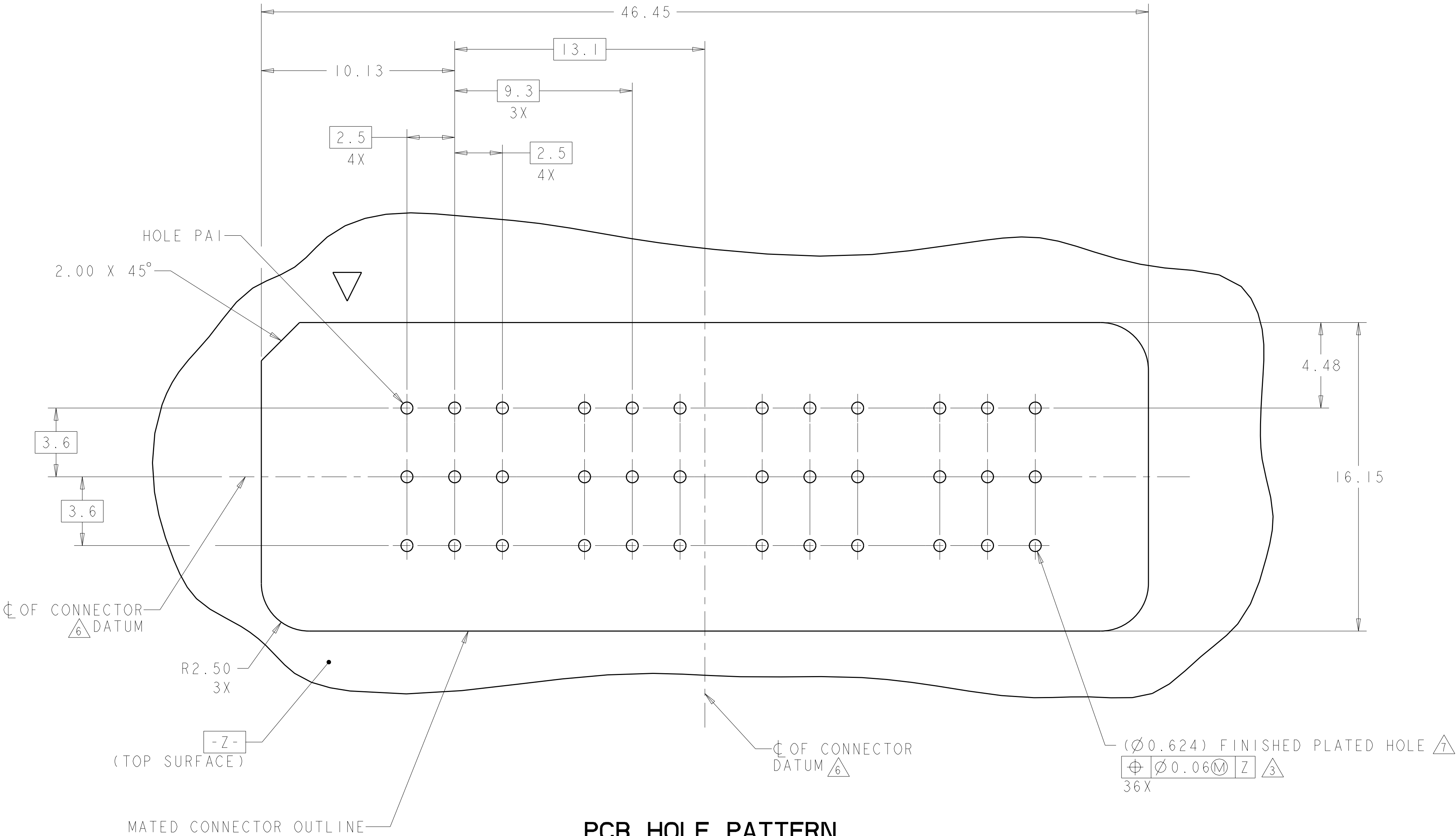


MATED CONNECTOR OUTLINE
SEE SHEET 4 FOR LOCATION TO HOLES

PCB LAYOUT AND PIN IDENTIFICATION
SHOWN FROM CONNECTOR SIDE
SCALE 7:1

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	HAMNER	26OCT2010	 TE Connectivity											
				CHK	D. TROUT	27OCT2010												
				APVD	J. FEDDER	27OCT2010	NAME											
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			HEADER ASSEMBLY, HALF-WIDE, 12P, STRADA MESA MEZZANINE CONNECTOR											
mm				APPLICATION SPEC														
		0 PLOC	±.01	114-13249			SIZE											
		1 PLOC	±.01								CAGE CODE							
		2 PLOC	±0.13												DRAWING NO			
		3 PLOC	±0.013															
4 PLOC	±.01	A100779C=2149530																
5 PLOC	±.01					SCALE												
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LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



PCB HOLE PATTERN
SHOWN FROM CONNECTOR SIDE
SCALE 7:1

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	26OCT2010		 TE Connectivity	
				CHK	27OCT2010			
				APVD	27OCT2010		NAME	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC				
mm		9 PLC ±		108-2375				
		3 PLC ±0.13		APPLICATION SPEC				
		5 PLC ±0.013		114-13249				
		4 PLC ±		WEIGHT				
		ANGLES ±1		CUSTOMER DRAWING				
MATERIAL		FINISH		SCALE				
-		-		6:1				
				SHEET				
				4 OF 4				
				REV 3				