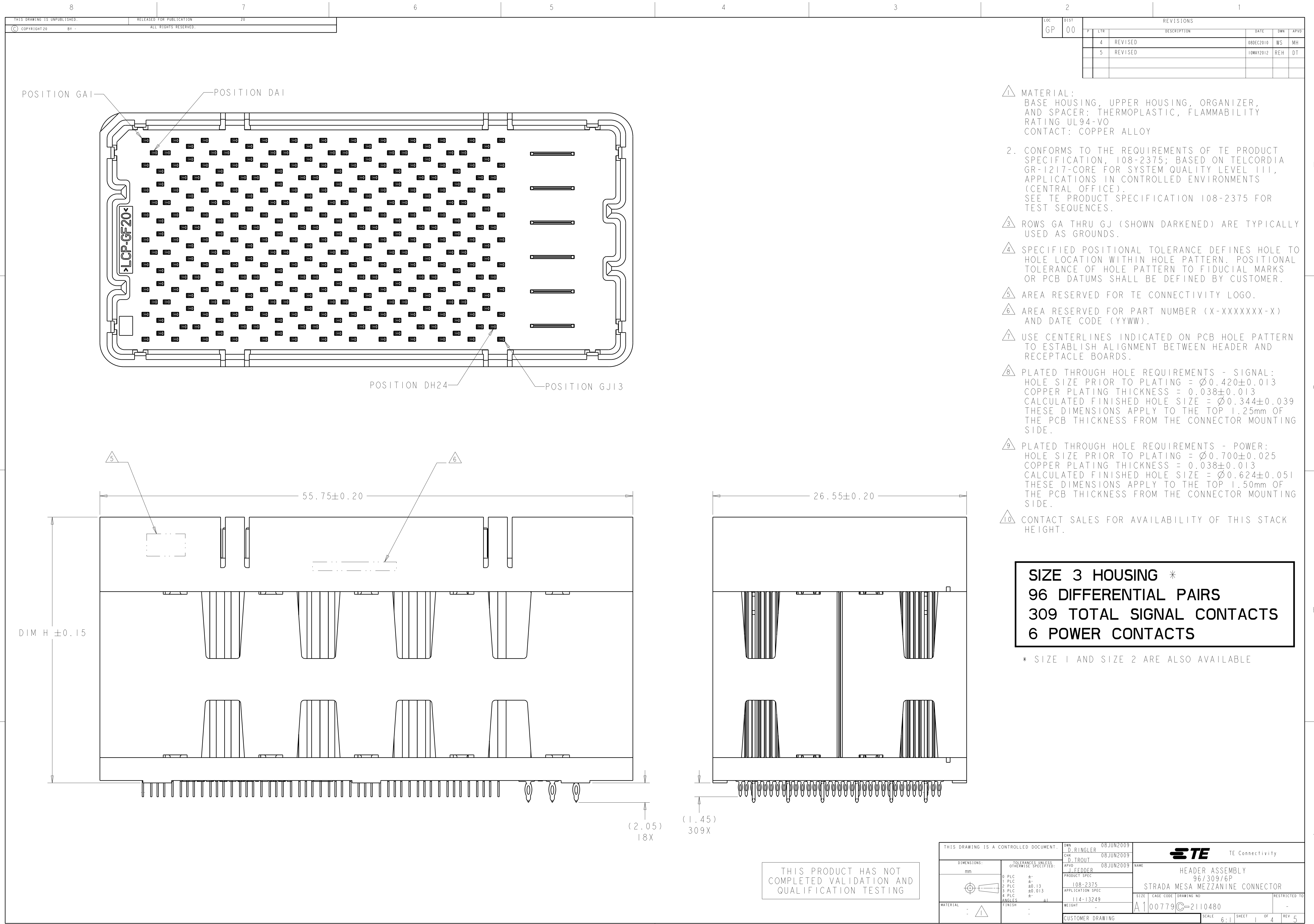




- 1 MATERIAL:
BASE HOUSING, UPPER HOUSING, ORGANIZER,
AND SPACER: THERMOPLASTIC, FLAMMABILITY
RATING UL94-V0
CONTACT: COPPER ALLOY
2. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT
SPECIFICATION, 108-2375; BASED ON TELCORDIA
GR-1217-CORE FOR SYSTEM QUALITY LEVEL III,
APPLICATIONS IN CONTROLLED ENVIRONMENTS
(CENTRAL OFFICE).
SEE TE PRODUCT SPECIFICATION 108-2375 FOR
TEST SEQUENCES.
- 3 ROWS GA THRU GJ (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-XXXXXX-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 - SIGNAL:
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 PLATED THROUGH HOLE REQUIREMENTS - POWER:
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.
- 10 CONTACT SALES FOR AVAILABILITY OF THIS STACK
HEIGHT.

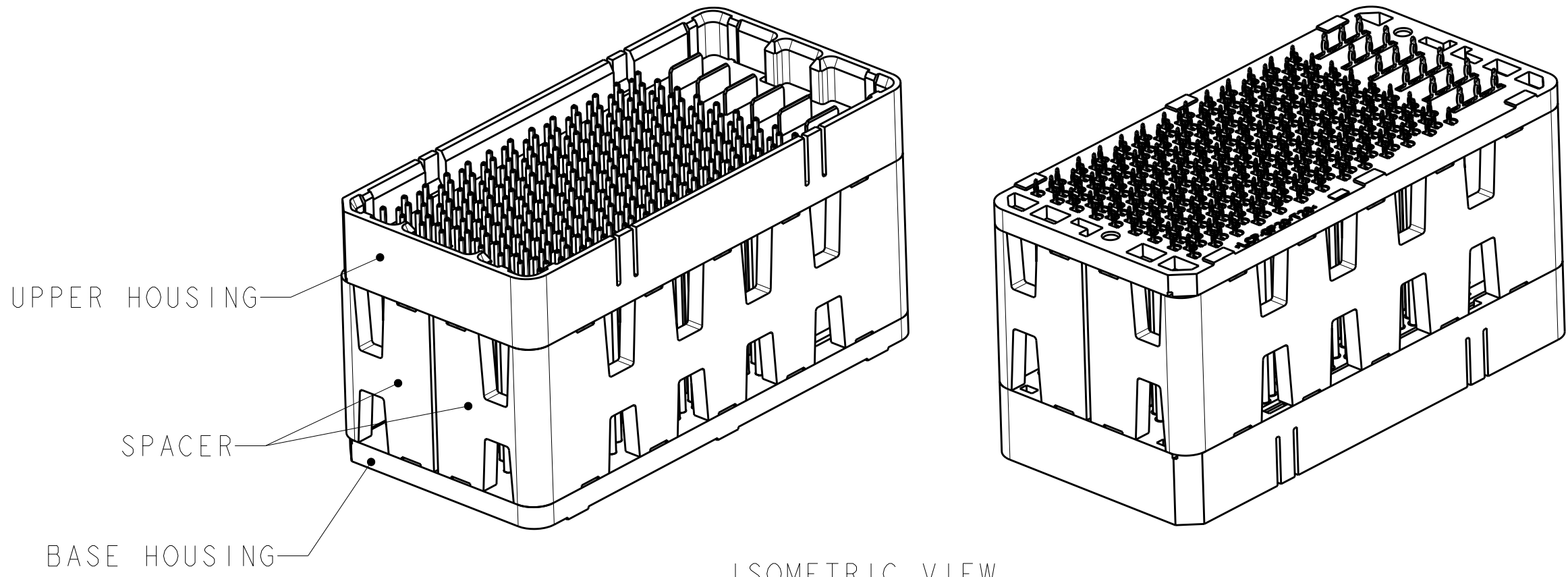
SIZE 3 HOUSING *
96 DIFFERENTIAL PAIRS
309 TOTAL SIGNAL CONTACTS
6 POWER CONTACTS

* SIZE 1 AND SIZE 2 ARE ALSO AVAILABLE

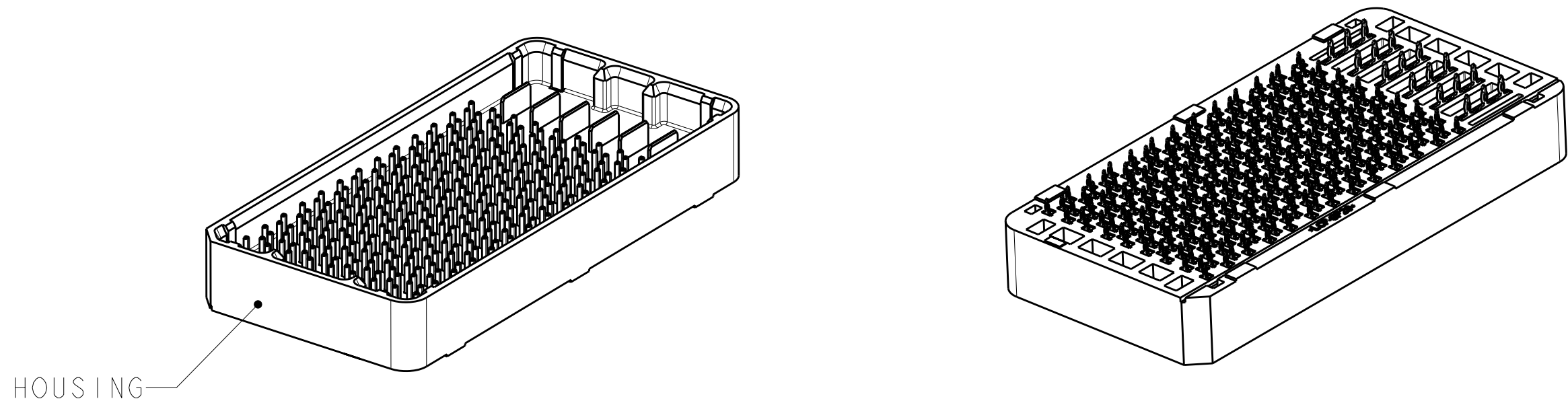
THIS PRODUCT HAS NOT
COMPLETED VALIDATION AND
QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN D. RINGLER 08JUN2009	 TE Connectivity									
DIMENSIONS:		CHK D. TROUT 08JUN2009										
mm		APVD J. FEDDER 08JUN2009	NAME									
		PRODUCT SPEC										
		108-2375										
		APPLICATION SPEC										
		114-13249										
MATERIAL		WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO						
		FINISH	A1	00779	G=2110480	-						
		CUSTOMER DRAWING			SCALE	6:1	SHEET	1	OF	4	REV	5

LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION			DATE	DWN	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	9-2110480-2
	40.8	41mm	MATTE Sn	9-2110480-1
YES	39.8	40mm	MATTE Sn	9-2110480-0
	38.8	39mm	MATTE Sn	8-2110480-9
	37.8	38mm	MATTE Sn	8-2110480-8
	36.8	37mm	MATTE Sn	8-2110480-7
	35.8	36mm	MATTE Sn	8-2110480-6
	34.8	35mm	MATTE Sn	8-2110480-5
	33.8	34mm	MATTE Sn	8-2110480-4
	32.8	33mm	MATTE Sn	8-2110480-3
	31.8	32mm	MATTE Sn	8-2110480-2
	30.8	31mm	MATTE Sn	8-2110480-1
	29.8	30mm	MATTE Sn	8-2110480-0
	28.8	29mm	MATTE Sn	7-2110480-9
YES	27.8	28mm	MATTE Sn	7-2110480-8
	26.8	27mm	MATTE Sn	7-2110480-7
	25.8	26mm	MATTE Sn	7-2110480-6
	24.8	25mm	MATTE Sn	7-2110480-5
	23.8	24mm	MATTE Sn	7-2110480-4
YES	22.8	23mm	MATTE Sn	7-2110480-3
	21.8	22mm	MATTE Sn	7-2110480-2
	20.8	21mm	MATTE Sn	7-2110480-1
	19.8	20mm	MATTE Sn	7-2110480-0
	18.8	19mm	MATTE Sn	6-2110480-9
	17.8	18mm	MATTE Sn	6-2110480-8
	16.8	17mm	MATTE Sn	6-2110480-7
	15.8	16mm	MATTE Sn	6-2110480-6
	14.8	15mm	MATTE Sn	6-2110480-5
	13.8	14mm	MATTE Sn	6-2110480-4
	12.8	13mm	MATTE Sn	6-2110480-3
	11.8	12mm	MATTE Sn	6-2110480-2
	10.8	11mm	MATTE Sn	6-2110480-1
YES	9.8	10mm	MATTE Sn	6-2110480-0
	8.8	9mm	MATTE Sn	5-2110480-9
	7.8	8mm	MATTE Sn	5-2110480-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

	41.8	42mm	Sn/Pb	4-2110480-2
	40.8	41mm	Sn/Pb	4-2110480-1
YES	39.8	40mm	Sn/Pb	4-2110480-0
	38.8	39mm	Sn/Pb	3-2110480-9
	37.8	38mm	Sn/Pb	3-2110480-8
	36.8	37mm	Sn/Pb	3-2110480-7
	35.8	36mm	Sn/Pb	3-2110480-6
	34.8	35mm	Sn/Pb	3-2110480-5
	33.8	34mm	Sn/Pb	3-2110480-4
	32.8	33mm	Sn/Pb	3-2110480-3
	31.8	32mm	Sn/Pb	3-2110480-2
	30.8	31mm	Sn/Pb	3-2110480-1
	29.8	30mm	Sn/Pb	3-2110480-0
	28.8	29mm	Sn/Pb	2-2110480-9
YES	27.8	28mm	Sn/Pb	2-2110480-8
	26.8	27mm	Sn/Pb	2-2110480-7
	25.8	26mm	Sn/Pb	2-2110480-6
	24.8	25mm	Sn/Pb	2-2110480-5
	23.8	24mm	Sn/Pb	2-2110480-4
YES	22.8	23mm	Sn/Pb	2-2110480-3
	21.8	22mm	Sn/Pb	2-2110480-2
	20.8	21mm	Sn/Pb	2-2110480-1
	19.8	20mm	Sn/Pb	2-2110480-0
	18.8	19mm	Sn/Pb	1-2110480-9
	17.8	18mm	Sn/Pb	1-2110480-8
	16.8	17mm	Sn/Pb	1-2110480-7
	15.8	16mm	Sn/Pb	1-2110480-6
	14.8	15mm	Sn/Pb	1-2110480-5
	13.8	14mm	Sn/Pb	1-2110480-4
	12.8	13mm	Sn/Pb	1-2110480-3
	11.8	12mm	Sn/Pb	1-2110480-2
	10.8	11mm	Sn/Pb	1-2110480-1
YES	9.8	10mm	Sn/Pb	1-2110480-0
	8.8	9mm	Sn/Pb	2110480-9
	7.8	8mm	Sn/Pb	2110480-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

9 PLC ±
1 PLC ±
3 PLC ±0.13
5 PLC ±0.013
4 PLC ±
ANGLES ±1
FINISH -

DWN
D. RINGLER
CHK
D. TROUT
APVD
J. FEDDER

08JUN2009
08JUN2009
08JUN2009

PRODUCT SPEC
108-2375
APPLICATION SPEC
114-13249
WEIGHT -
CUSTOMER DRAWING

08JUN2009

NAME
HEADER ASSEMBLY
96/309/6P
STRADA MESA MEZZANINE CONNECTOR

SIZE | CAGE CODE | DRAWING NO
A100779C-2110480

RESTRICTED TO
-

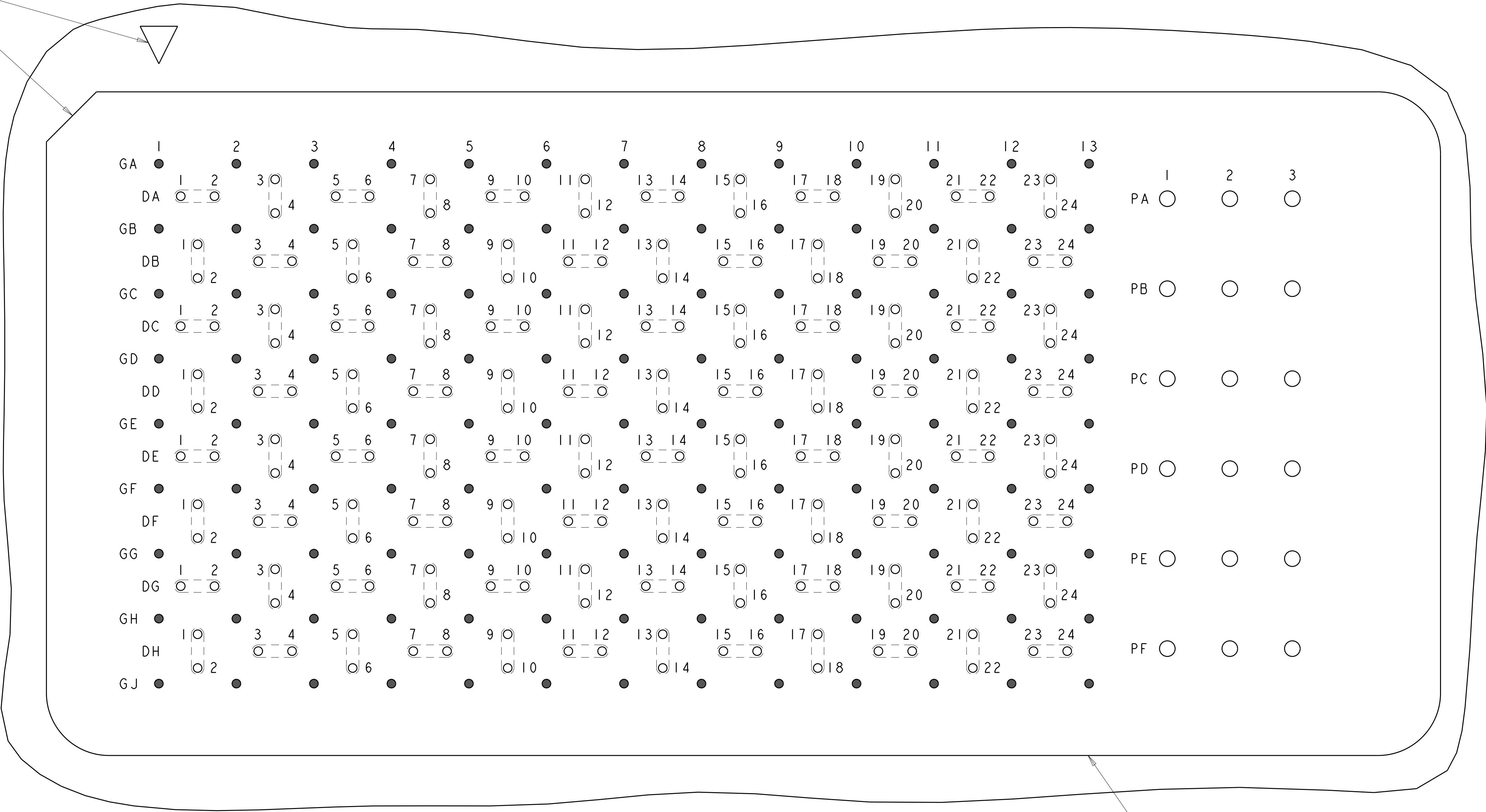
SCALE 6:1

SHEET 2 OF 4

REV 5

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

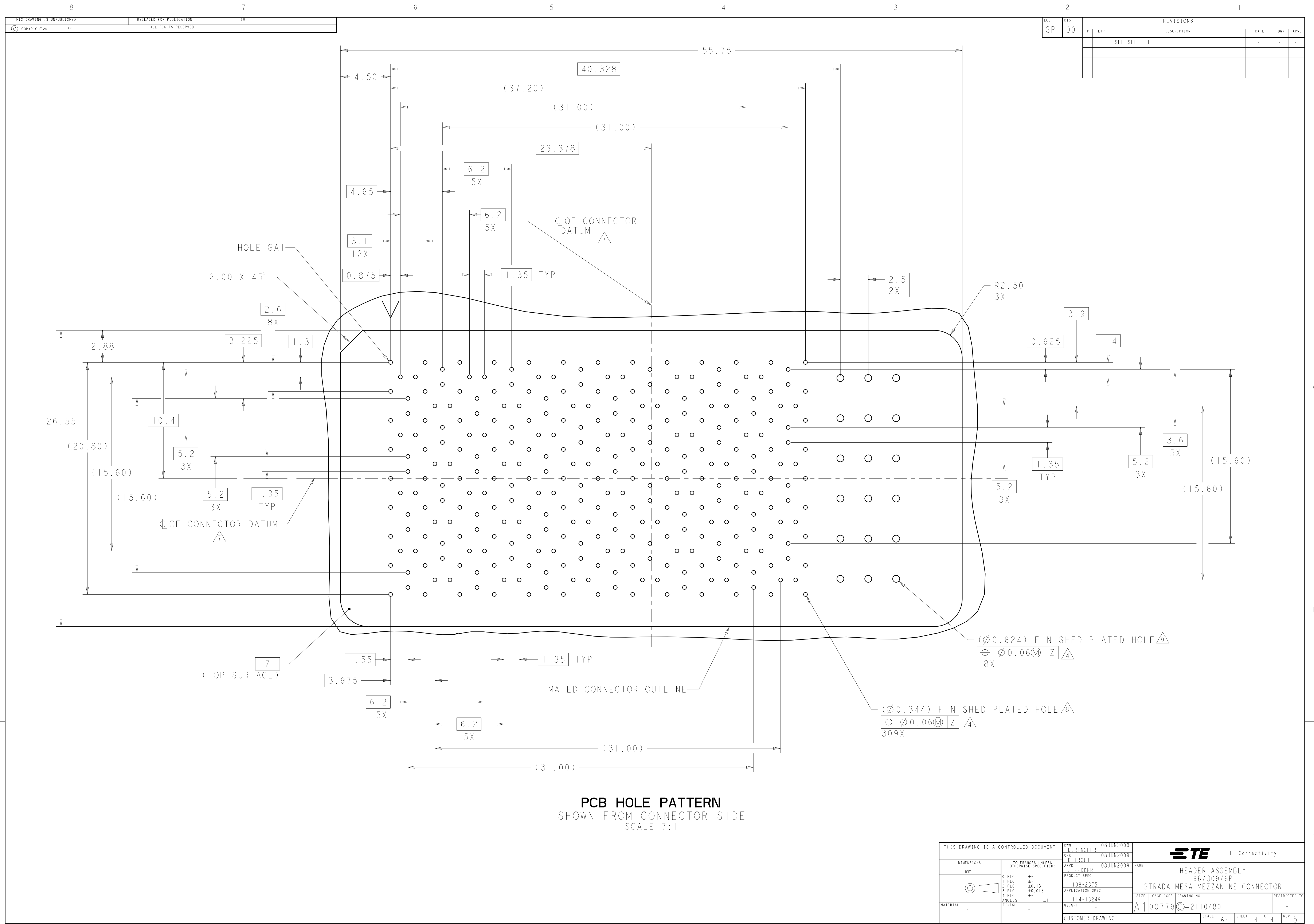
AI CORNER INDICATORS.



MATED CONNECTOR OUTLINE
SEE SHEET 4 FOR LOCATION TO HOLES

PCB LAYOUT AND PIN IDENTIFICATION
SHOWN FROM CONNECTOR SIDE
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	D. RINGLER	08JUN2009	 TE Connectivity		
				CHK	D. TROUT	08JUN2009			
				APVD	J. FEDDER	08JUN2009	NAME		
				PRODUCT SPEC			HEADER ASSEMBLY		
				108-2375			96/309/6P		
				APPLICATION SPEC			STRADA MESA MEZZANINE CONNECTOR		
				114-13249			SIZE		
				WEIGHT			A100779C=2110480		
				CUSTOMER DRAWING			RESTRICTED TO		
							SCALE 6:1 SHEET 3 OF 4 REV 5		



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

PCB HOLE PATTERN
SHOWN FROM CONNECTOR SIDE
SCALE 7:1

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	08JUN2009	TE Connectivity		
				CHK	08JUN2009			
				APVD	08JUN2009	NAME		
				PRODUCT SPEC		HEADER ASSEMBLY		
				APPLICATION SPEC		96/309/6P		
				WEIGHT		STRADA MESA MEZZANINE CONNECTOR		
				CUSTOMER DRAWING		SIZE CAGE CODE DRAWING NO		
						A100779C=2110480		
						RESTRICTED TO		
						SCALE 6:1 SHEET 4 OF 4 REV 5		