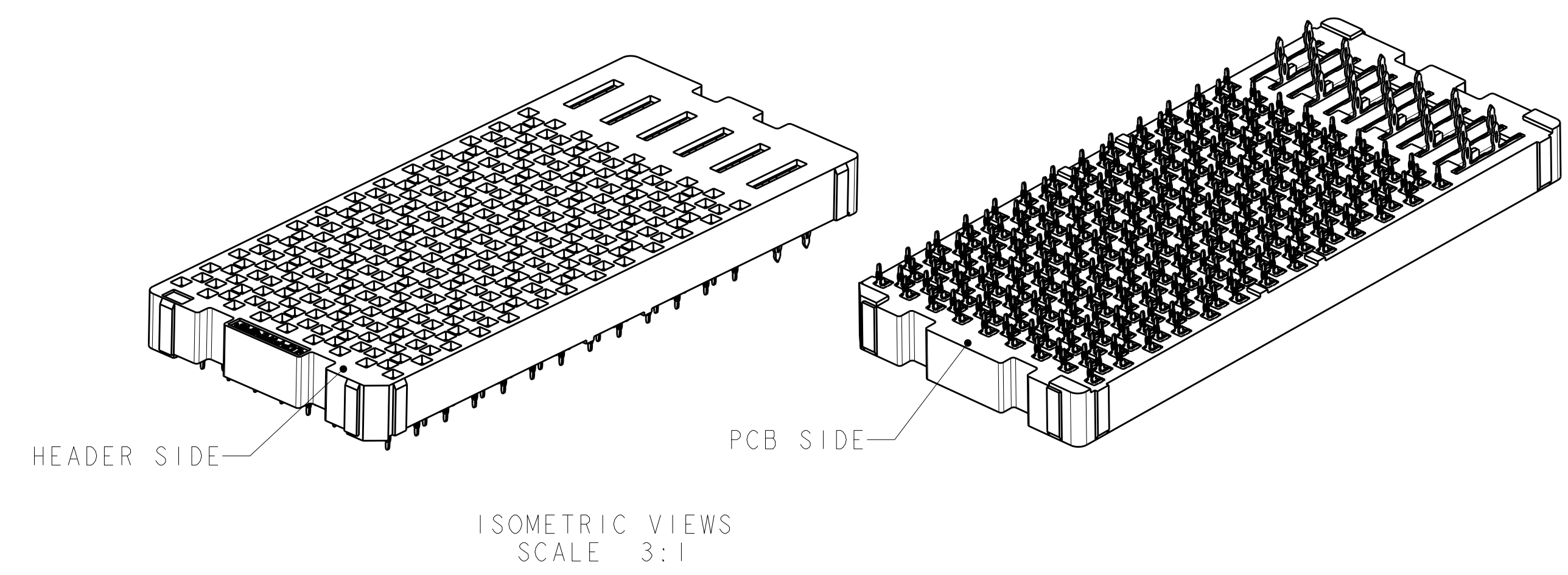
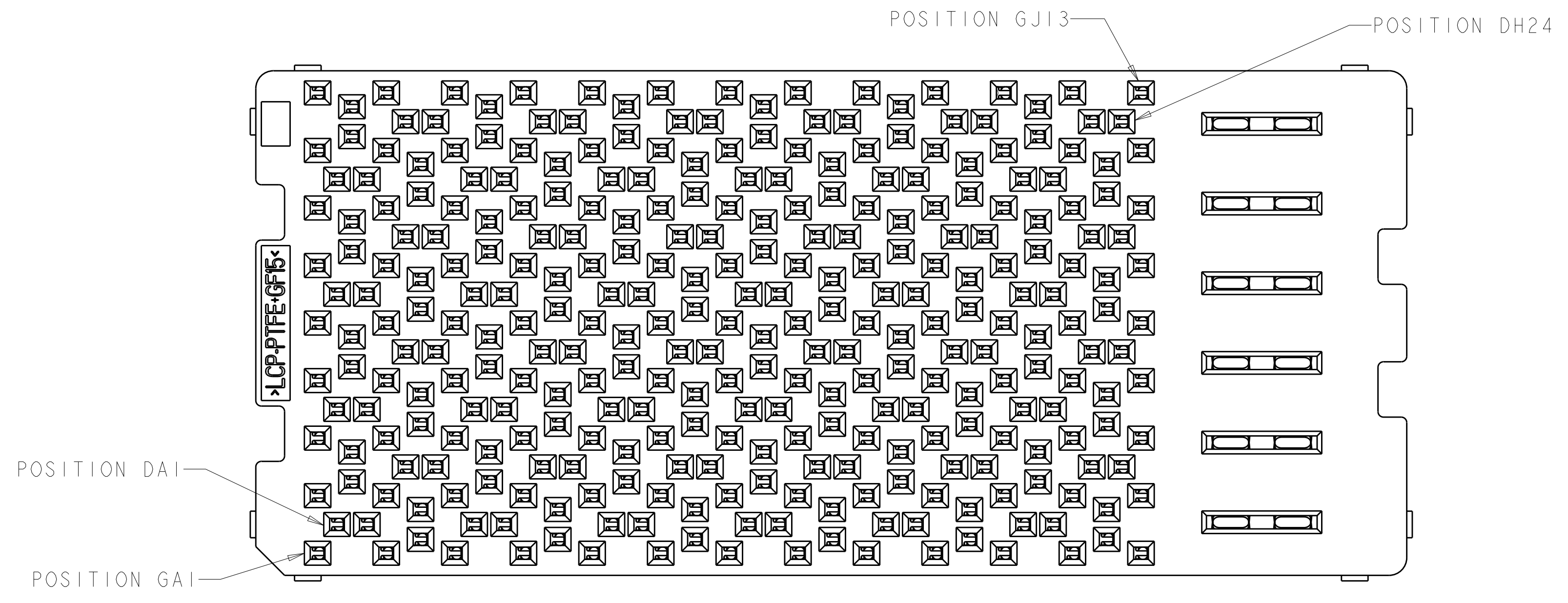


LOC	DIST	REV	DATE	BY	APPV
GP	00				
		4	11 JAN 2011	WS	MH
		5	11 MAY 2012	REH	DT

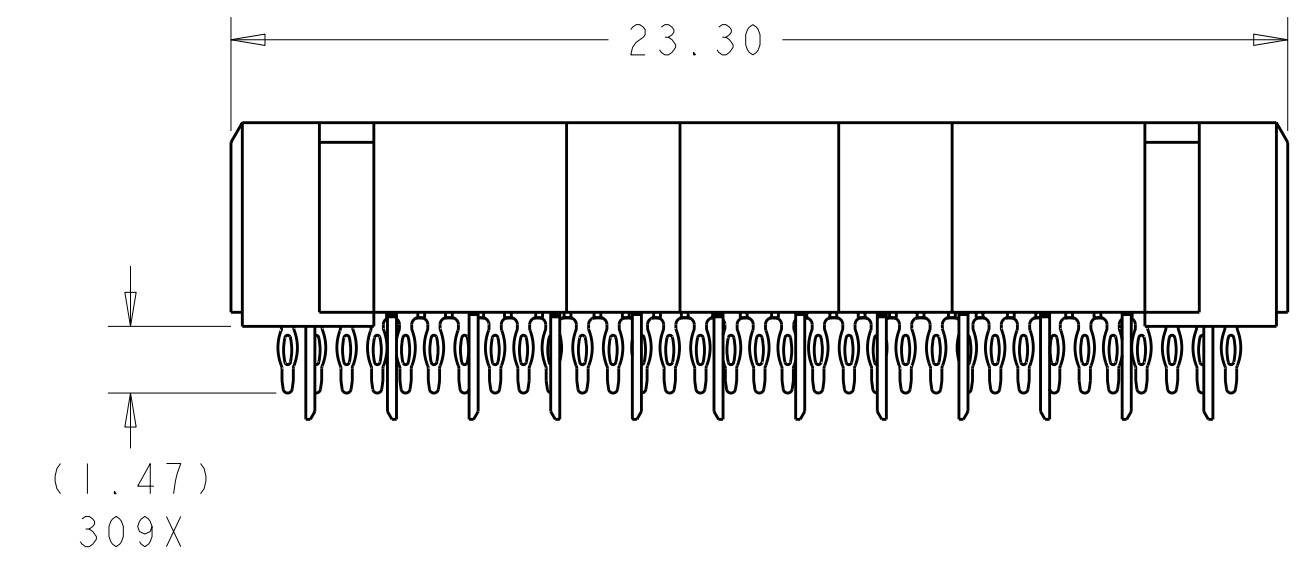
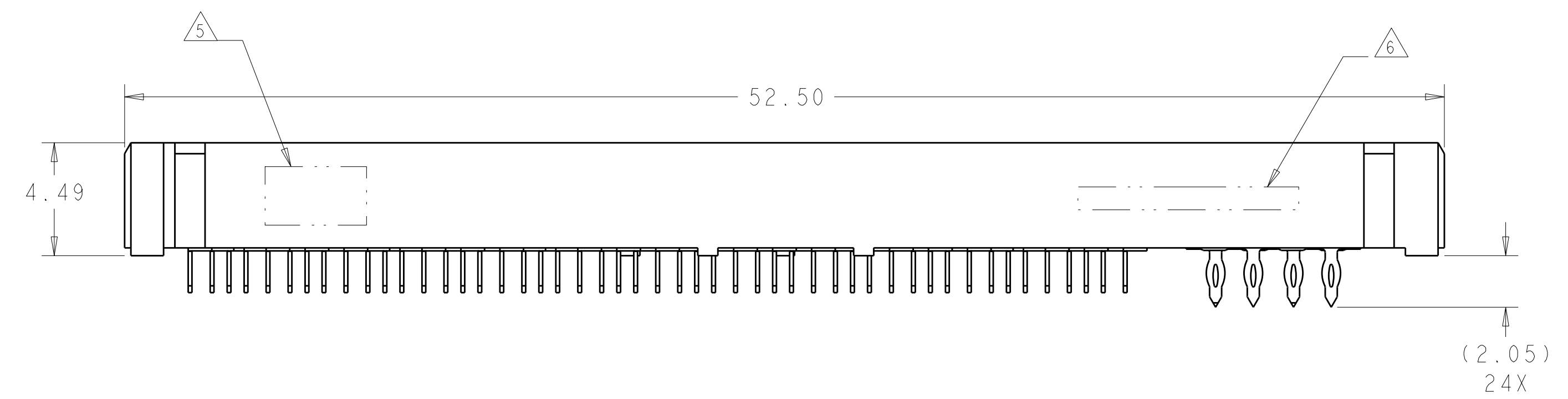


- △ MATERIAL:
 HOUSING: THERMOPLASTIC, FLAMMABILITY RATING UL94-V0
 CONTACT: COPPER ALLOY
2. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION, 108-2375; BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL III, APPLICATIONS IN CONTROLLED ENVIRONMENTS (CENTRAL OFFICE). SEE TE PRODUCT SPECIFICATION 108-2375 FOR TEST SEQUENCES.
- △ ROWS GA THRU GJ (SHOWN DARKENED) ARE TYPICALLY USED AS GROUNDS.
- △ 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.
- △ AREA RESERVED FOR TE CONNECTIVITY LOGO.
- △ AREA RESERVED FOR PART NUMBER (X-XXXXXXX-X) AND DATE CODE (YYWW).
- △ USE CENTERLINES INDICATED ON PCB HOLE PATTERN TO ESTABLISH ALIGNMENT BETWEEN HEADER AND RECEPTACLE BOARDS.
- △ 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.
- △ 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.



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

* SIZE 1 AND SIZE 2 ARE ALSO AVAILABLE



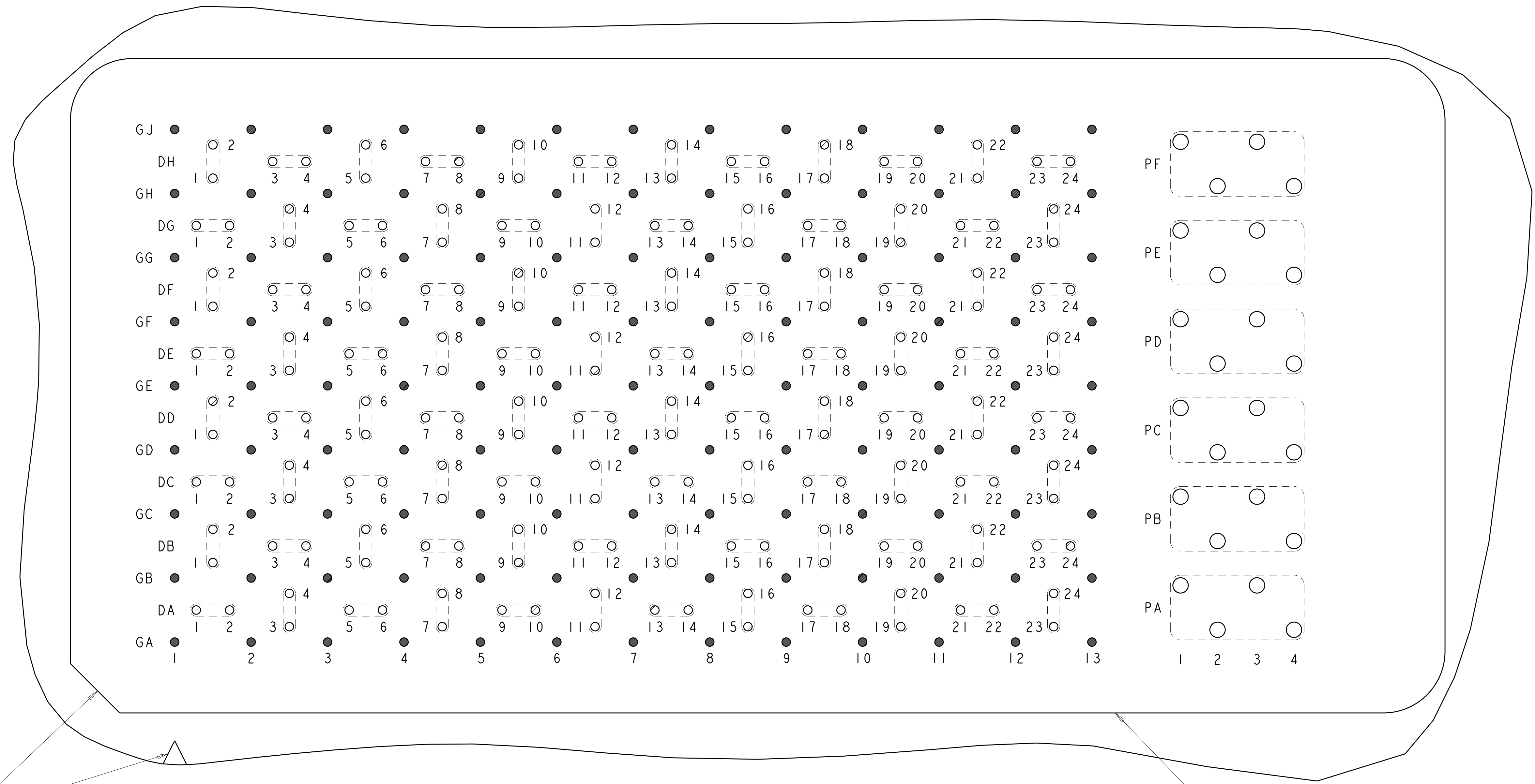
THIS PRODUCT HAS NOT COMPLETED VALIDATION AND QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: D. RINGLER 08JUN2009	DATE: 08JUN2009
DIMENSIONS: mm		CHK: D. TROUT 08JUN2009	DATE: 08JUN2009
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: J. FEDDER 08JUN2009	DATE: 08JUN2009
9 PLC ±		PRODUCT SPEC: 108-2375	
1 PLC ±0.13		APPLICATION SPEC: 114-13249	
3 PLC ±0.013		WEIGHT: -	
4 PLC ±		SIZE: CAGE CODE: DRAWING NO: A1100779C=2110481	
ANGLES ±#1		RESTRICTED TO: -	
FINISH:		SCALE: 6:1 SHEET 1 OF 3 REV 5	
MATERIAL: △		CUSTOMER DRAWING	

YES	MATTE Sn	5-2110481-1
	Sn/Pb	2110481-1
TOOLED	CONTACT TAIL PLATING	PART NUMBER

TE Connectivity RECEPTACLE ASSEMBLY 96/309/6P STRADA MESA MEZZANINE CONNECTOR		
SCALE: 6:1	SHEET 1 OF 3	REV 5


LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPD
		1	SEE SHEET 1		



A1 CORNER INDICATORS.

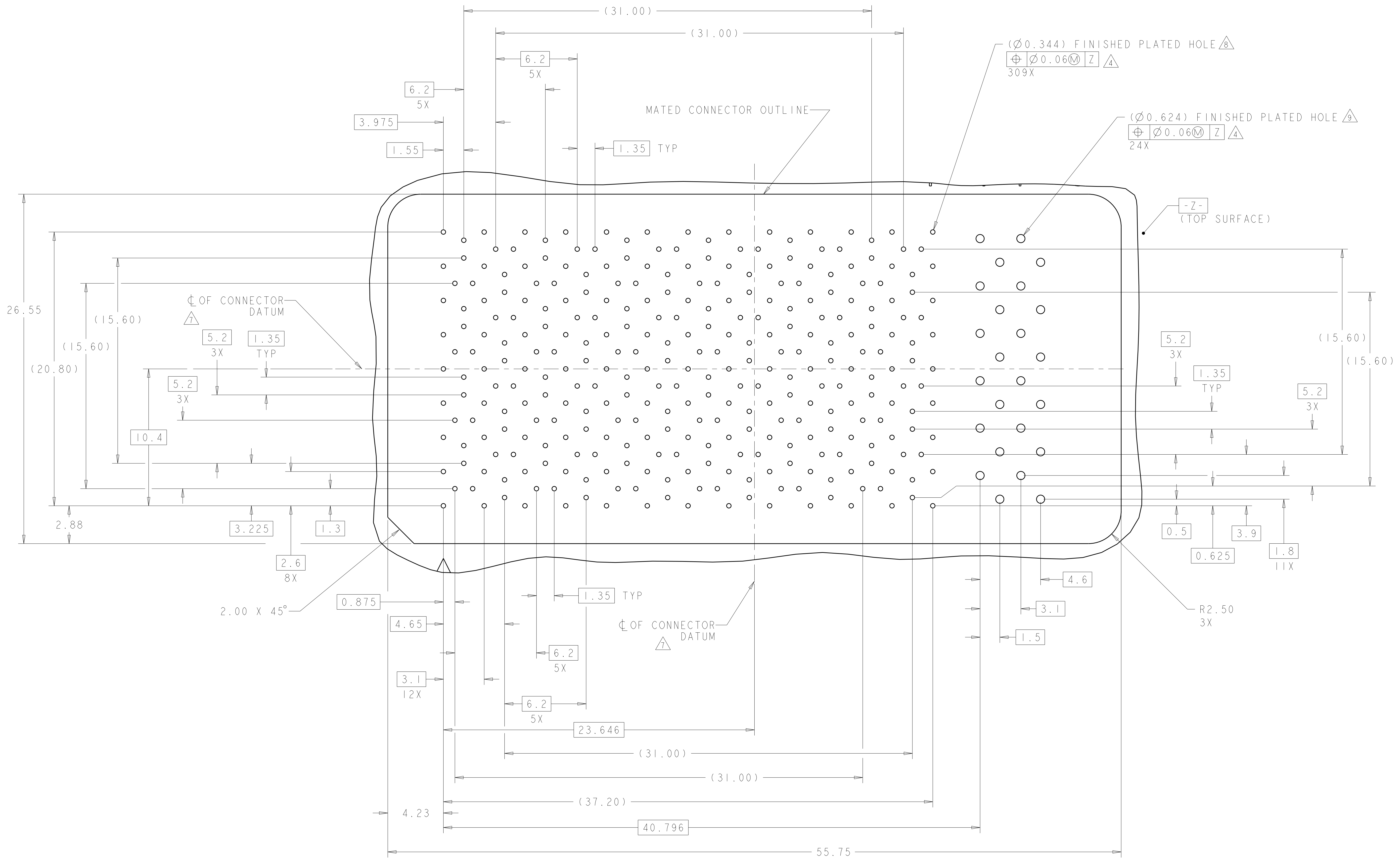
PCB LAYOUT AND PIN IDENTIFICATION 
 SHOWN FROM CONNECTOR SIDE
 SCALE 10:1

MATED CONNECTOR OUTLINE
 SEE SHEET 3 FOR LOCATION TO HOLES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. RINGLER 08JUN2009	 TE Connectivity
DIMENSIONS: mm		CHK D. TROUT 08JUN2009	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. FEDDER 08JUN2009	NAME RECEPTACLE ASSEMBLY 96/309/6P
9 PLC ± 3 PLC ±0.13 5 PLC ±0.013 4 PLC ± ANGLES ±#1		PRODUCT SPEC 108-2375	APPLICATION SPEC STRADA MESA MEZZANINE CONNECTOR
MATERIAL		114-13249	SIZE CAGE CODE DRAWING NO A100779C=2110481
FINISH		WEIGHT	RESTRICTED TO
		CUSTOMER DRAWING	SCALE 6:1 SHEET 2 OF 3 REV 5

LOC	DIST	REV	DATE	BY	APPD
GP	00				

REVISIONS			
NO	DESCRIPTION	DATE	BY
1	SEE SHEET 1		



PCB HOLE PATTERN
 SHOWN FROM CONNECTOR SIDE
 SCALE 7:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: D. RINGLER 08JUN2009	 TE Connectivity
DIMENSIONS: mm		CHK: D. TROUT 08JUN2009	
 9 PLC ± 3 PLC ±0.13 5 PLC ±0.013 4 PLC ± ANGLES ±#1 FINISH		APVD: J. FEDDER 08JUN2009	
MATERIAL: -		NAME: RECEPTACLE ASSEMBLY 96/309/6P STRADA MESA MEZZANINE CONNECTOR SIZE: CAGE CODE DRAWING NO: A1100779C=2110481 WEIGHT: - CUSTOMER DRAWING	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 3 PLC ±0.13 5 PLC ±0.013 4 PLC ± ANGLES ±#1 FINISH			PRODUCT SPEC: 108-2375 APPLICATION SPEC: 114-13249 SCALE: 6:1 SHEET 3 OF 3 REV 5