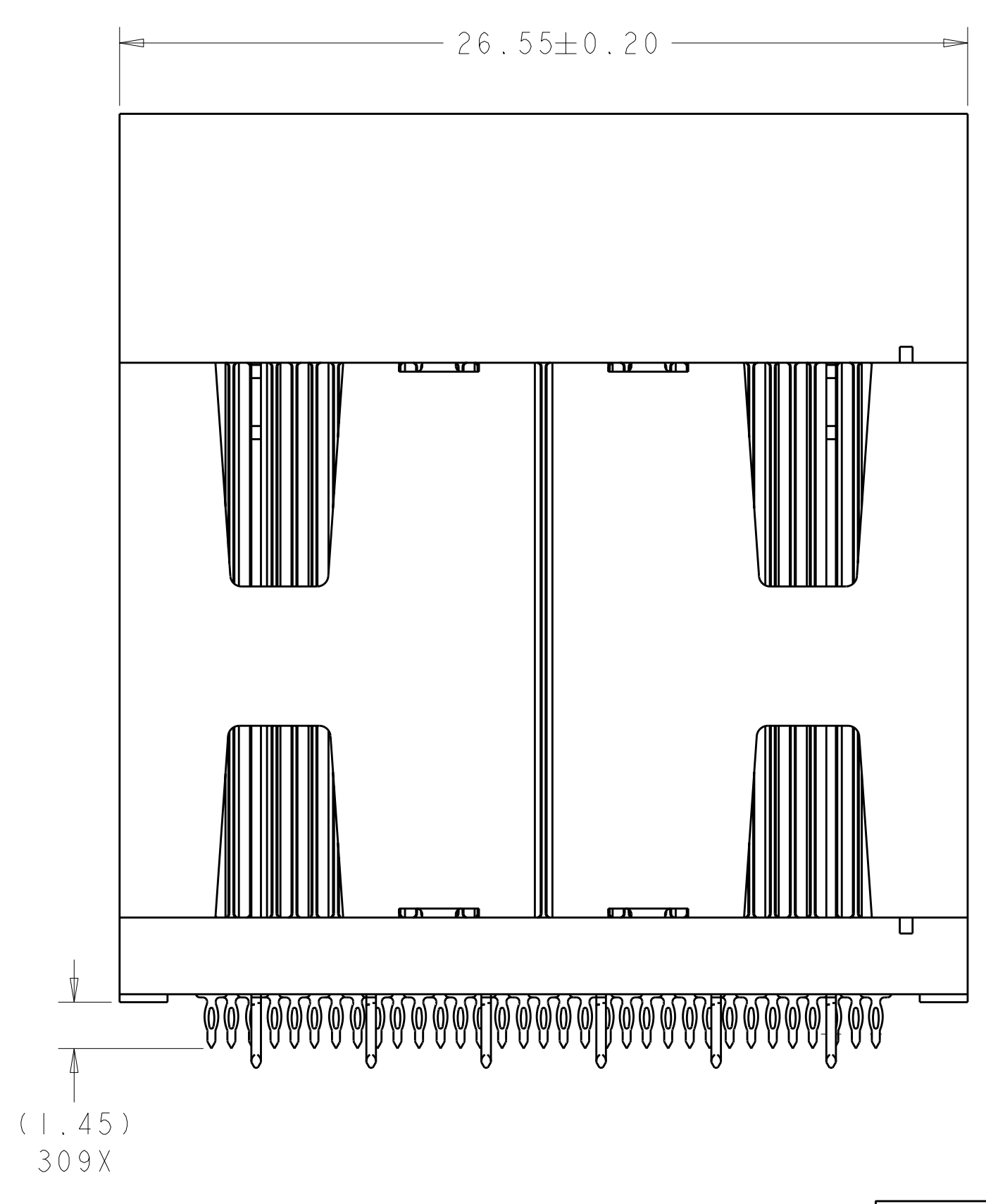
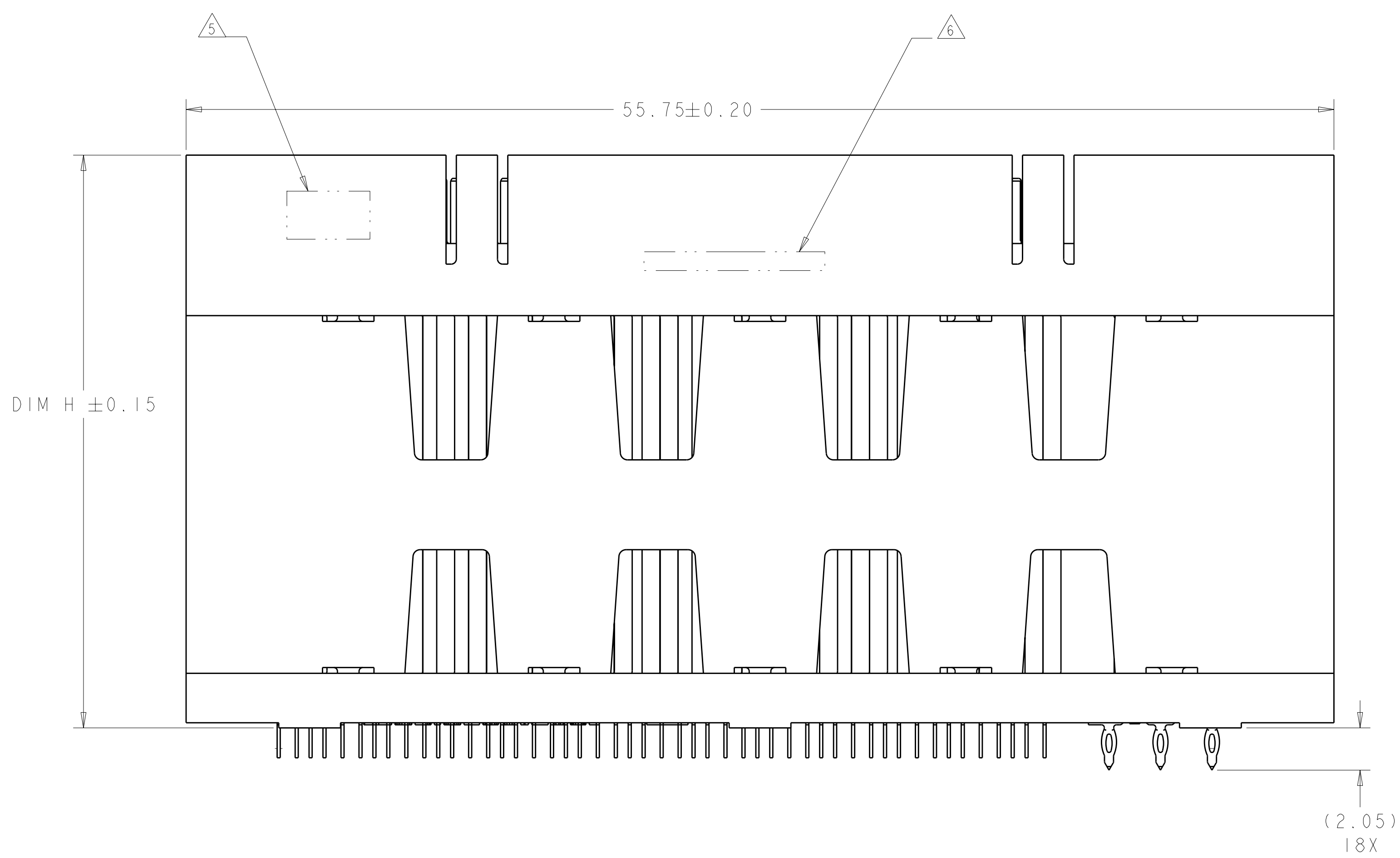
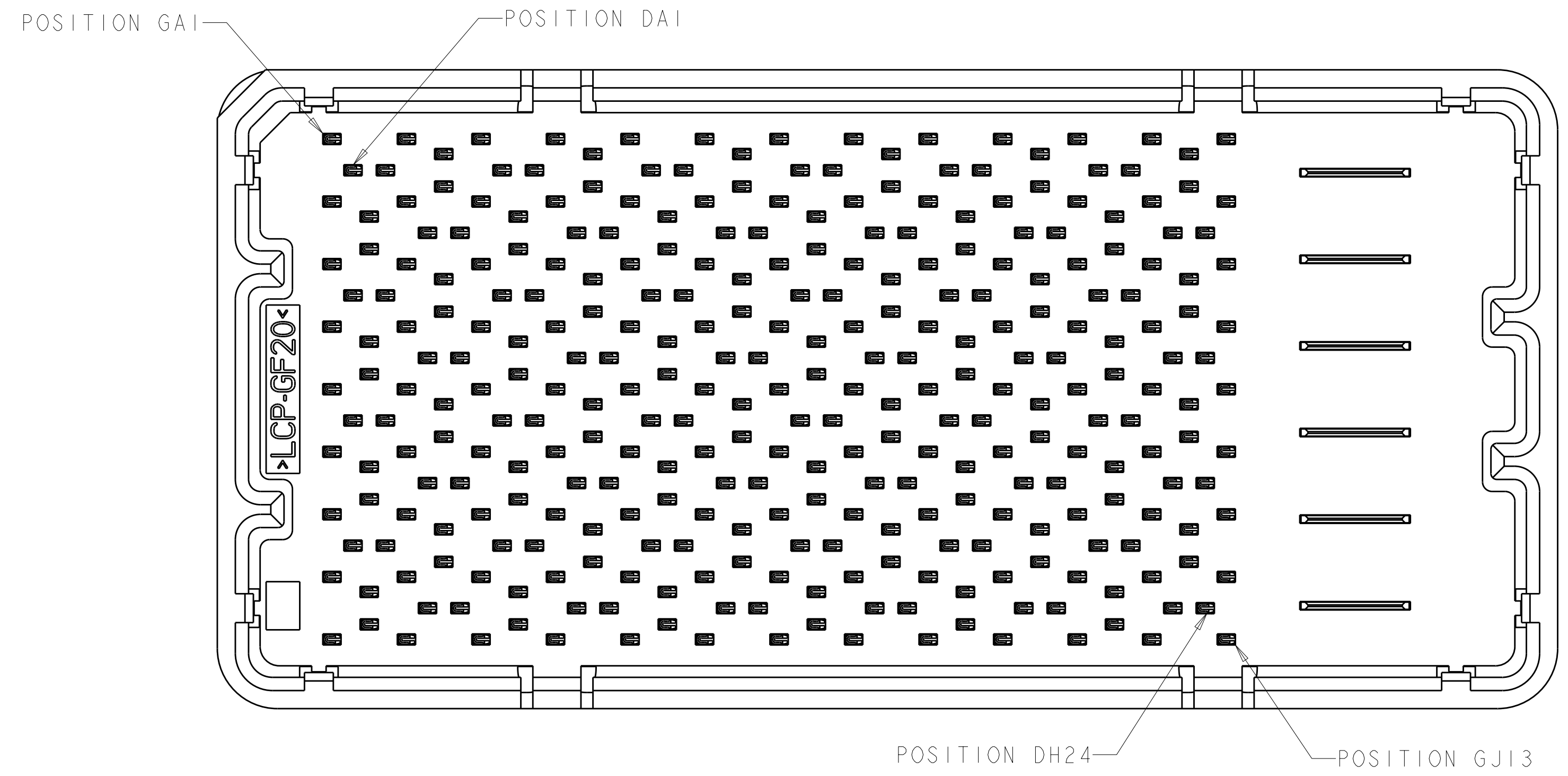


LOC	DIST	REV	DATE	BY	CHK	APPV
GP	00					
		4	08DEC2010	WS	MH	
		5	10MAY2012	REH	DT	



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

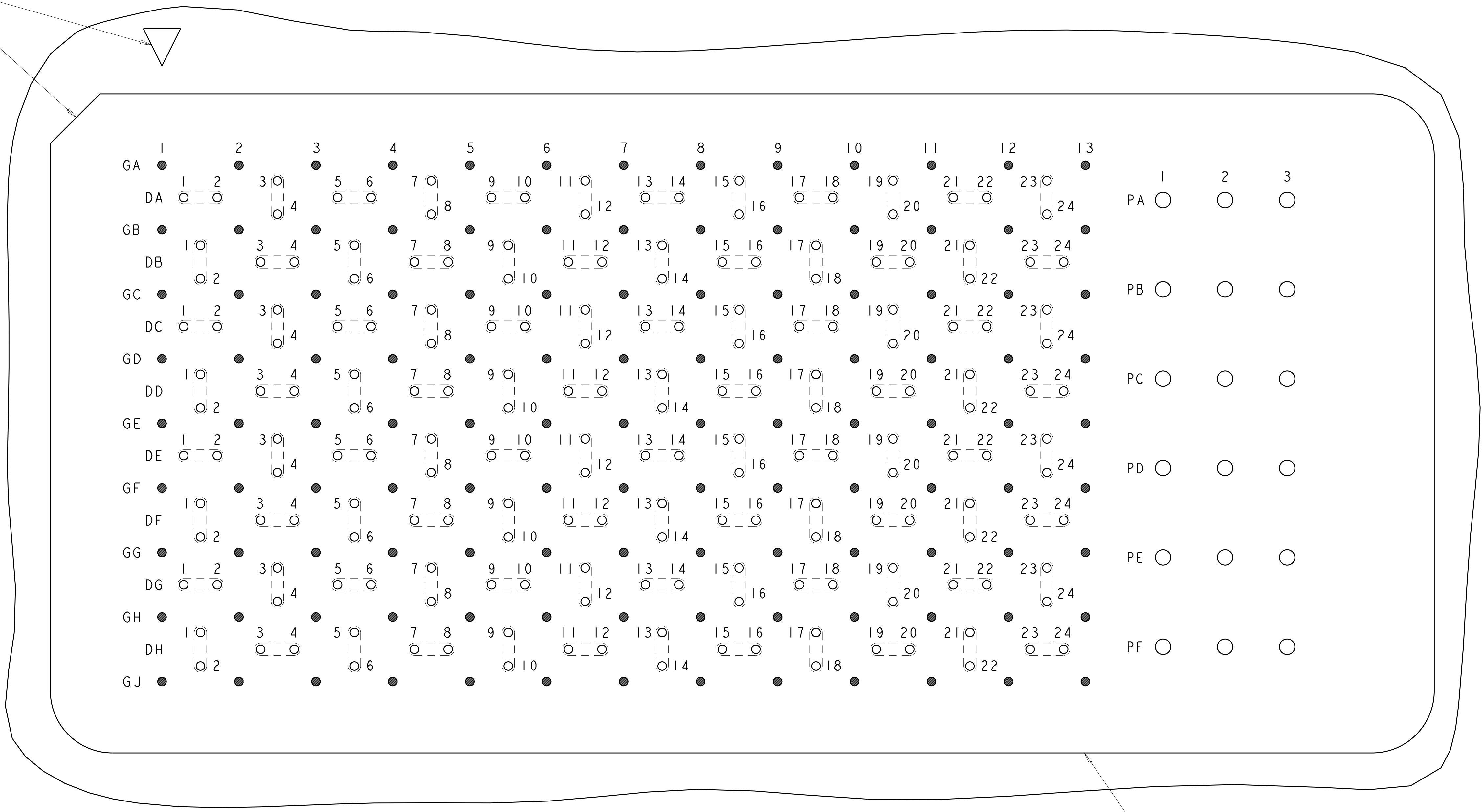
* SIZE 1 AND SIZE 2 ARE ALSO AVAILABLE

THIS PRODUCT HAS NOT
 COMPLETED VALIDATION AND
 QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: D. RINGLER 08JUN2009	TE Connectivity
DIMENSIONS: mm		CHK: D. TROUT 08JUN2009	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: J. FEDDER 08JUN2009	NAME: HEADER ASSEMBLY
0 PLC ±	1 PLC ±0.13	PRODUCT SPEC: 108-2375	96/309/6P
2 PLC ±0.13	3 PLC ±0.013	APPLICATION SPEC: 114-13249	STRADA MESA MEZZANINE CONNECTOR
4 PLC ±	ANGLES ±#1	SIZE: A100779	RESTRICTED TO
MATERIAL: △	FINISH: -	WEIGHT: -	CAGE CODE: C=2110480
CUSTOMER DRAWING		SCALE: 6:1	SHEET 1 OF 4 REV 5


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

A1 CORNER INDICATORS.



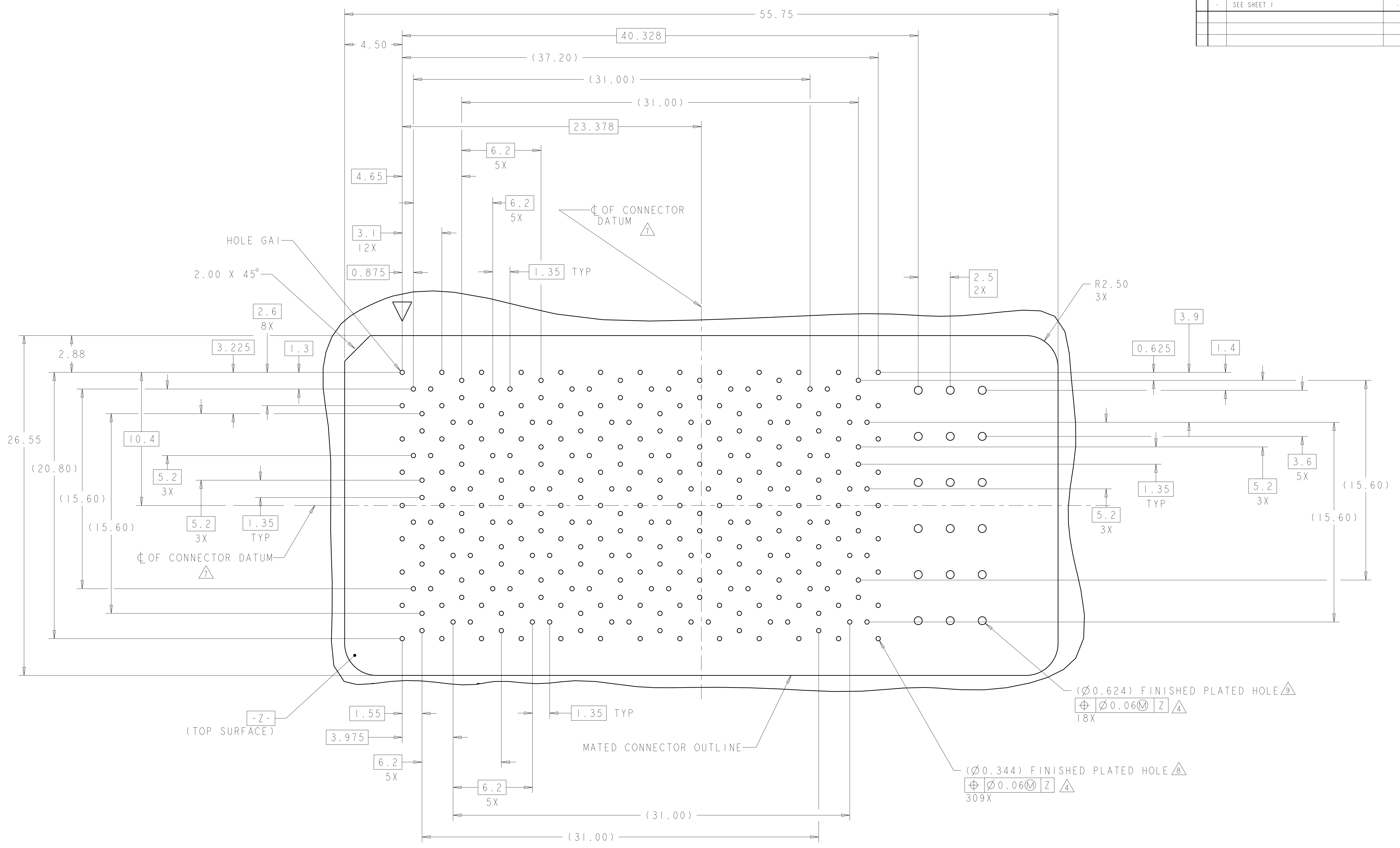
MATED CONNECTOR OUTLINE
 SEE SHEET 4 FOR LOCATION TO HOLES

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. RINGLER 08JUN2009	 TE Connectivity
DIMENSIONS: mm		CHK D. TROUT 08JUN2009	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 2 PLC ±0.13 5 PLC ±0.013 4 PLC ± ANGLES ±1		APVD J. FEDDER 08JUN2009	NAME HEADER ASSEMBLY 96/309/6P
MATERIAL		PRODUCT SPEC 108-2375	RESTRICTED TO
FINISH		APPLICATION SPEC 114-13249	SIZE CAGE CODE DRAWING NO A100779C=2110480
		WEIGHT	CUSTOMER DRAWING
		SCALE 6:1	SHEET 3 OF 4 REV 5

LOC	DIST	REV	DATE	BY	APPD
GP	00				

REVISIONS		DATE	BY	APPD
1	SEE SHEET 1			



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 HEADER ASSEMBLY 96/309/6P
0 PLC ±	1 PLC ±0.13	PRODUCT SPEC 108-2375	APPLICATION SPEC STRADA MESA MEZZANINE CONNECTOR
2 PLC ±0.13	3 PLC ±0.013	APPLICATION SPEC 114-13249	RESTRICTED TO
4 PLC ±	ANGLES ±1	WEIGHT	SIZE CAGE CODE DRAWING NO A1100779C=2110480
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE 6:1 SHEET 4 OF 4 REV 5