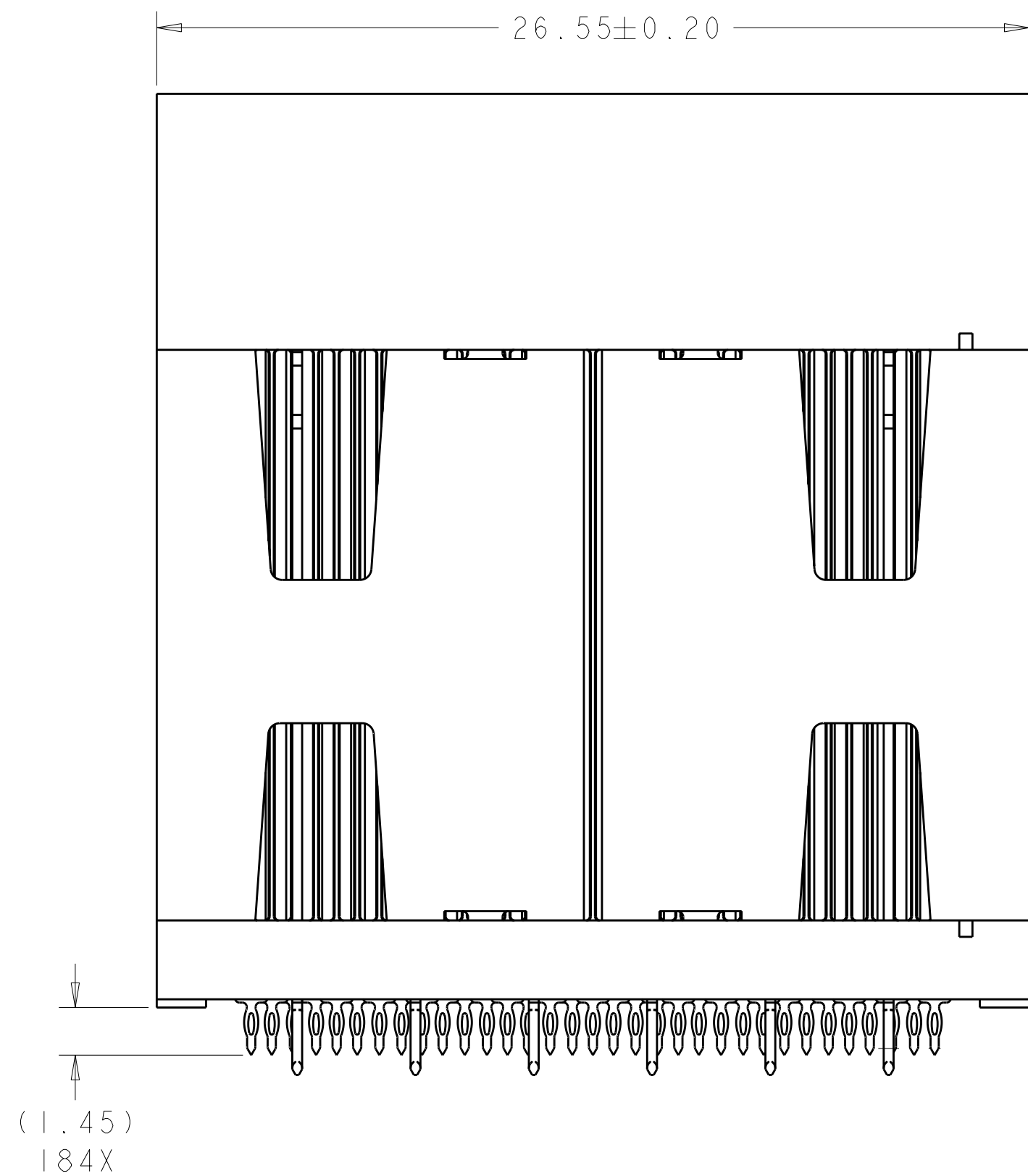
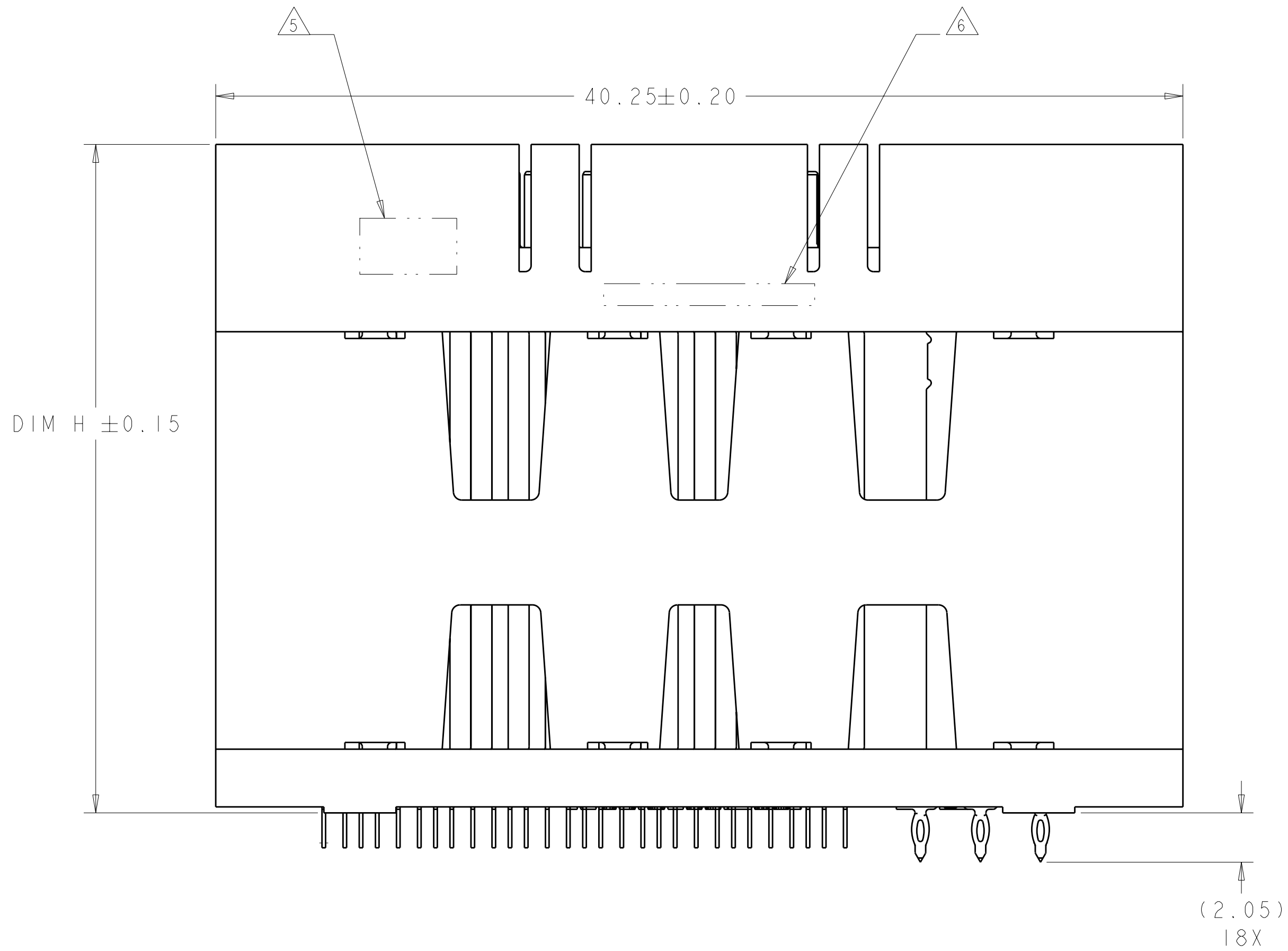
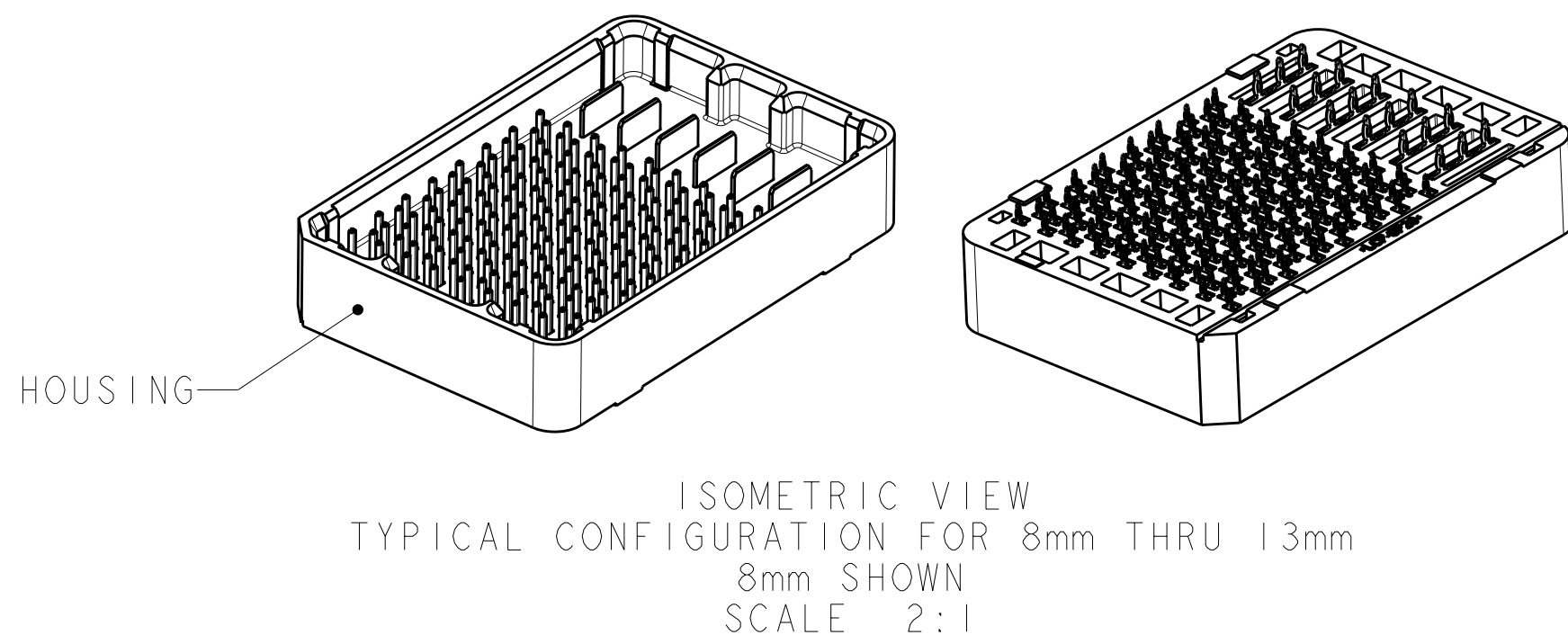
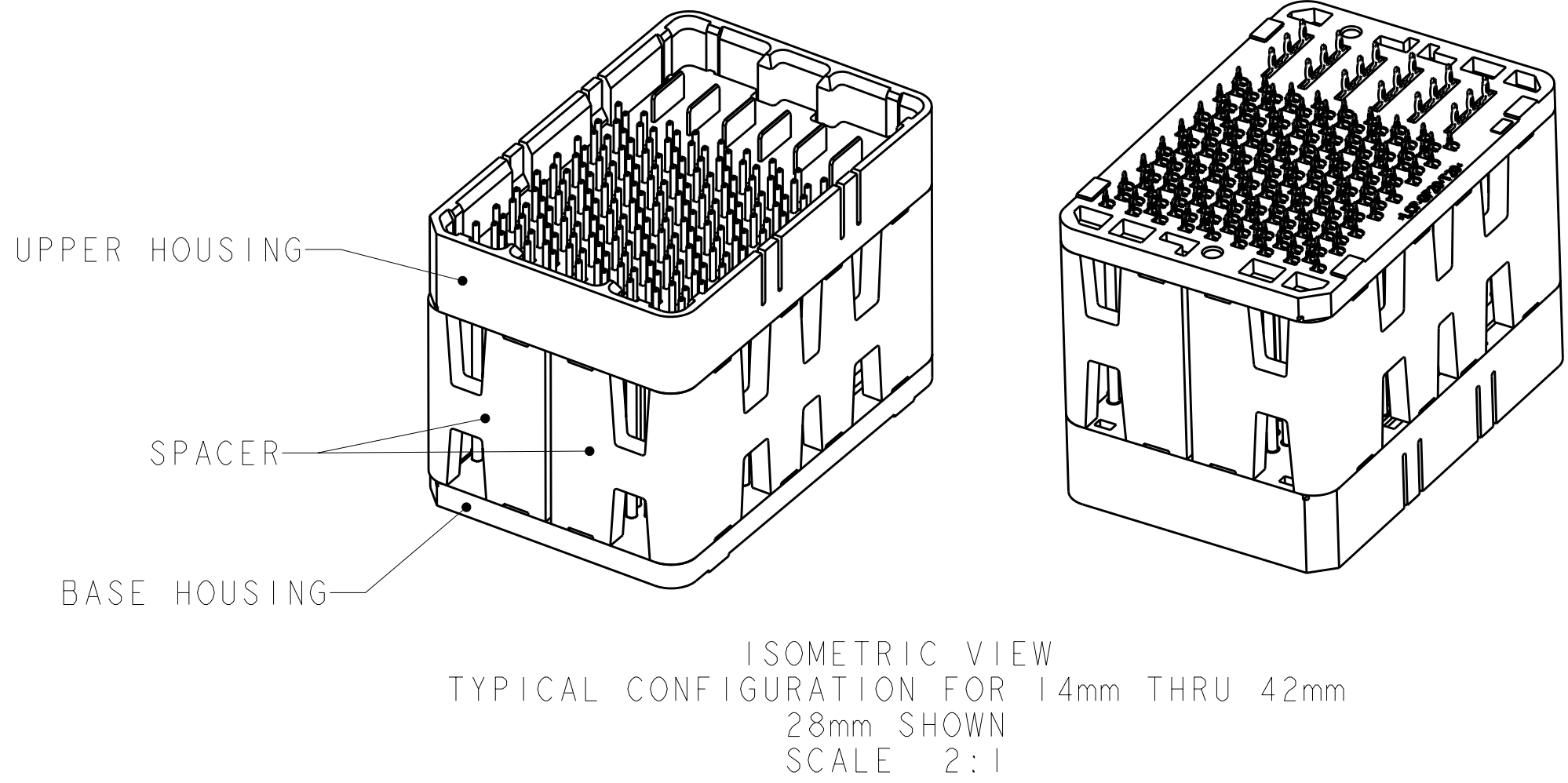
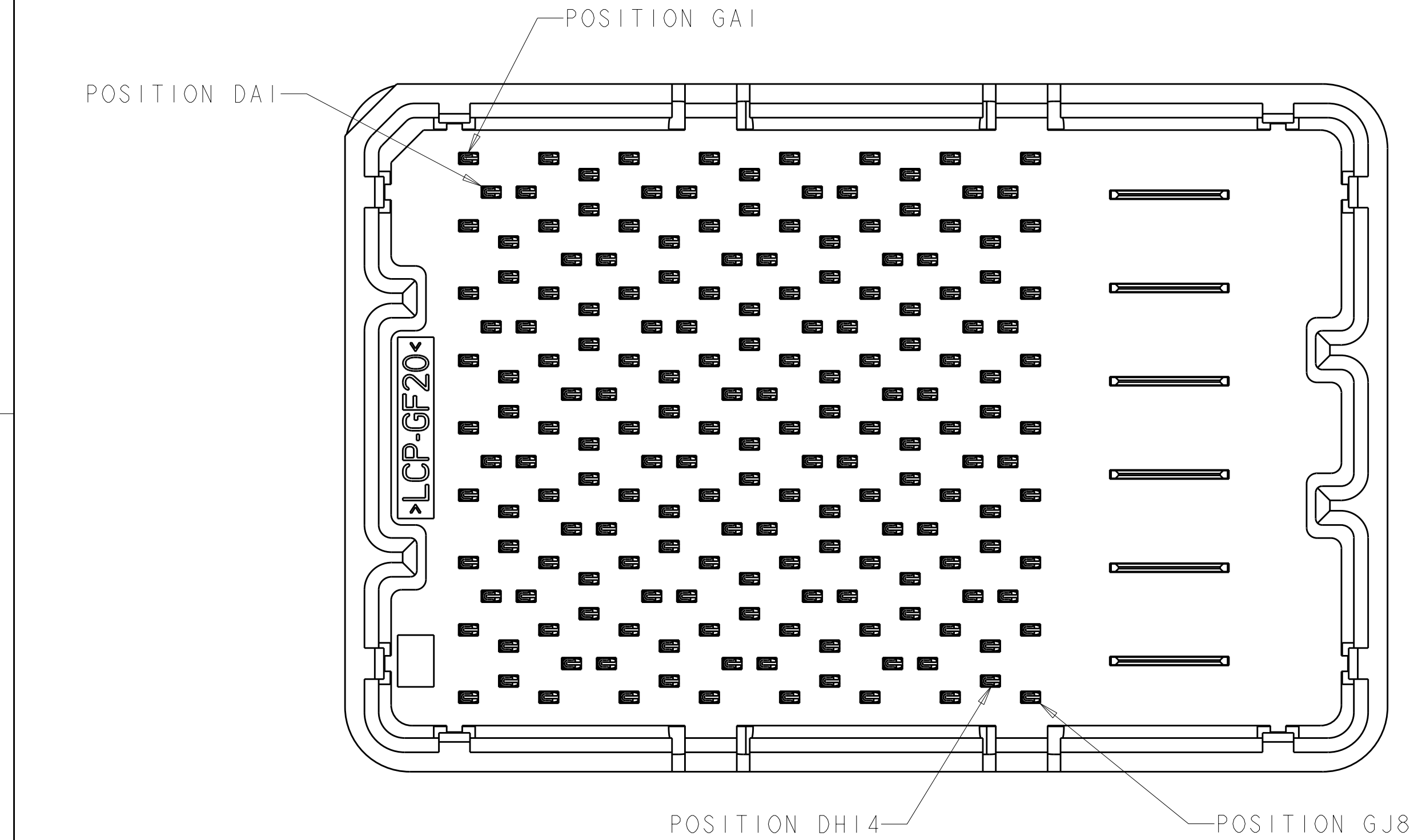




- △ MATERIAL:
BASE HOUSING, UPPER HOUSING, ORGANIZER,
AND SPACER: THERMOPLASTIC, FLAMMABILITY
RATING UL94-V0
CONTACT: COPPER ALLOY
2. CONFORMS TO THE REQUIREMENTS OF TE PRODUCT
SPECIFICATION, 108-2375; BASED ON TELCORDIA
GR-1217-CORE FOR SYSTEM QUALITY LEVEL III,
APPLICATIONS IN CONTROLLED ENVIRONMENTS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

SIZE 2 HOUSING *
56 DIFFERENTIAL PAIRS
184 TOTAL SIGNAL CONTACTS
6 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 D. RINGLER 04SEP2008	TE Connectivity	
DIMENSIONS:		CHK D. TROUT 04SEP2008		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD J. FEDDER 04SEP2008	NAME	
	3 PL C	±	PRODUCT SPEC	
	2 PL C	±	108-2375	
	5 PL C	±0.13	APPLICATION SPEC	
	4 PL C	±	114-13249	
MATERIAL	FINISH	WEIGHT	SIZE CAGE CODE DRAWING NO	
-	-	-	A100779C=2057460	
CUSTOMER DRAWING		SCALE 6:1	SHEET 1 OF 4	REV 12

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

	41.8	42mm	MATTE Sn	9-2057460-2
	40.8	41mm	MATTE Sn	9-2057460-1
YES	39.8	40mm	MATTE Sn	9-2057460-0
	38.8	39mm	MATTE Sn	8-2057460-9
	37.8	38mm	MATTE Sn	8-2057460-8
	36.8	37mm	MATTE Sn	8-2057460-7
	35.8	36mm	MATTE Sn	8-2057460-6
	34.8	35mm	MATTE Sn	8-2057460-5
	33.8	34mm	MATTE Sn	8-2057460-4
	32.8	33mm	MATTE Sn	8-2057460-3
	31.8	32mm	MATTE Sn	8-2057460-2
	30.8	31mm	MATTE Sn	8-2057460-1
	29.8	30mm	MATTE Sn	8-2057460-0
	28.8	29mm	MATTE Sn	7-2057460-9
YES	27.8	28mm	MATTE Sn	7-2057460-8
	26.8	27mm	MATTE Sn	7-2057460-7
	25.8	26mm	MATTE Sn	7-2057460-6
	24.8	25mm	MATTE Sn	7-2057460-5
	23.8	24mm	MATTE Sn	7-2057460-4
YES	22.8	23mm	MATTE Sn	7-2057460-3
	21.8	22mm	MATTE Sn	7-2057460-2
	20.8	21mm	MATTE Sn	7-2057460-1
	19.8	20mm	MATTE Sn	7-2057460-0
	18.8	19mm	MATTE Sn	6-2057460-9
	17.8	18mm	MATTE Sn	6-2057460-8
	16.8	17mm	MATTE Sn	6-2057460-7
	15.8	16mm	MATTE Sn	6-2057460-6
	14.8	15mm	MATTE Sn	6-2057460-5
	13.8	14mm	MATTE Sn	6-2057460-4
	12.8	13mm	MATTE Sn	6-2057460-3
	11.8	12mm	MATTE Sn	6-2057460-2
	10.8	11mm	MATTE Sn	6-2057460-1
YES	9.8	10mm	MATTE Sn	6-2057460-0
YES	8.8	9mm	MATTE Sn	5-2057460-9
YES	7.8	8mm	MATTE Sn	5-2057460-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

	41.8	42mm	Sn/Pb	4-2057460-2
	40.8	41mm	Sn/Pb	4-2057460-1
YES	39.8	40mm	Sn/Pb	4-2057460-0
	38.8	39mm	Sn/Pb	3-2057460-9
	37.8	38mm	Sn/Pb	3-2057460-8
	36.8	37mm	Sn/Pb	3-2057460-7
	35.8	36mm	Sn/Pb	3-2057460-6
	34.8	35mm	Sn/Pb	3-2057460-5
	33.8	34mm	Sn/Pb	3-2057460-4
	32.8	33mm	Sn/Pb	3-2057460-3
	31.8	32mm	Sn/Pb	3-2057460-2
	30.8	31mm	Sn/Pb	3-2057460-1
	29.8	30mm	Sn/Pb	3-2057460-0
	28.8	29mm	Sn/Pb	2-2057460-9
YES	27.8	28mm	Sn/Pb	2-2057460-8
	26.8	27mm	Sn/Pb	2-2057460-7
	25.8	26mm	Sn/Pb	2-2057460-6
	24.8	25mm	Sn/Pb	2-2057460-5
	23.8	24mm	Sn/Pb	2-2057460-4
YES	22.8	23mm	Sn/Pb	2-2057460-3
	21.8	22mm	Sn/Pb	2-2057460-2
	20.8	21mm	Sn/Pb	2-2057460-1
	19.8	20mm	Sn/Pb	2-2057460-0
	18.8	19mm	Sn/Pb	1-2057460-9
	17.8	18mm	Sn/Pb	1-2057460-8
	16.8	17mm	Sn/Pb	1-2057460-7
	15.8	16mm	Sn/Pb	1-2057460-6
	14.8	15mm	Sn/Pb	1-2057460-5
	13.8	14mm	Sn/Pb	1-2057460-4
	12.8	13mm	Sn/Pb	1-2057460-3
	11.8	12mm	Sn/Pb	1-2057460-2
	10.8	11mm	Sn/Pb	1-2057460-1
YES	9.8	10mm	Sn/Pb	1-2057340-0
YES	8.8	9mm	Sn/Pb	2057460-9
YES	7.8	8mm	Sn/Pb	2057460-8
TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC ±

1 PLC ±0.13

3 PLC ±0.013

4 PLC ±

ANGLES ±#1

FINISH -

DWN 04SEP2008

CHK D.TROUT 04SEP2008

APVD J.FEDDER 04SEP2008

PRODUCT SPEC

108-2375

APPLICATION SPEC

114-13249

WEIGHT -

CUSTOMER DRAWING

NAME

TE Connectivity

HEADER ASSEMBLY

56/184/6P

STRADA MESA MEZZANINE CONNECTOR

SIZE 100779

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE 6:1

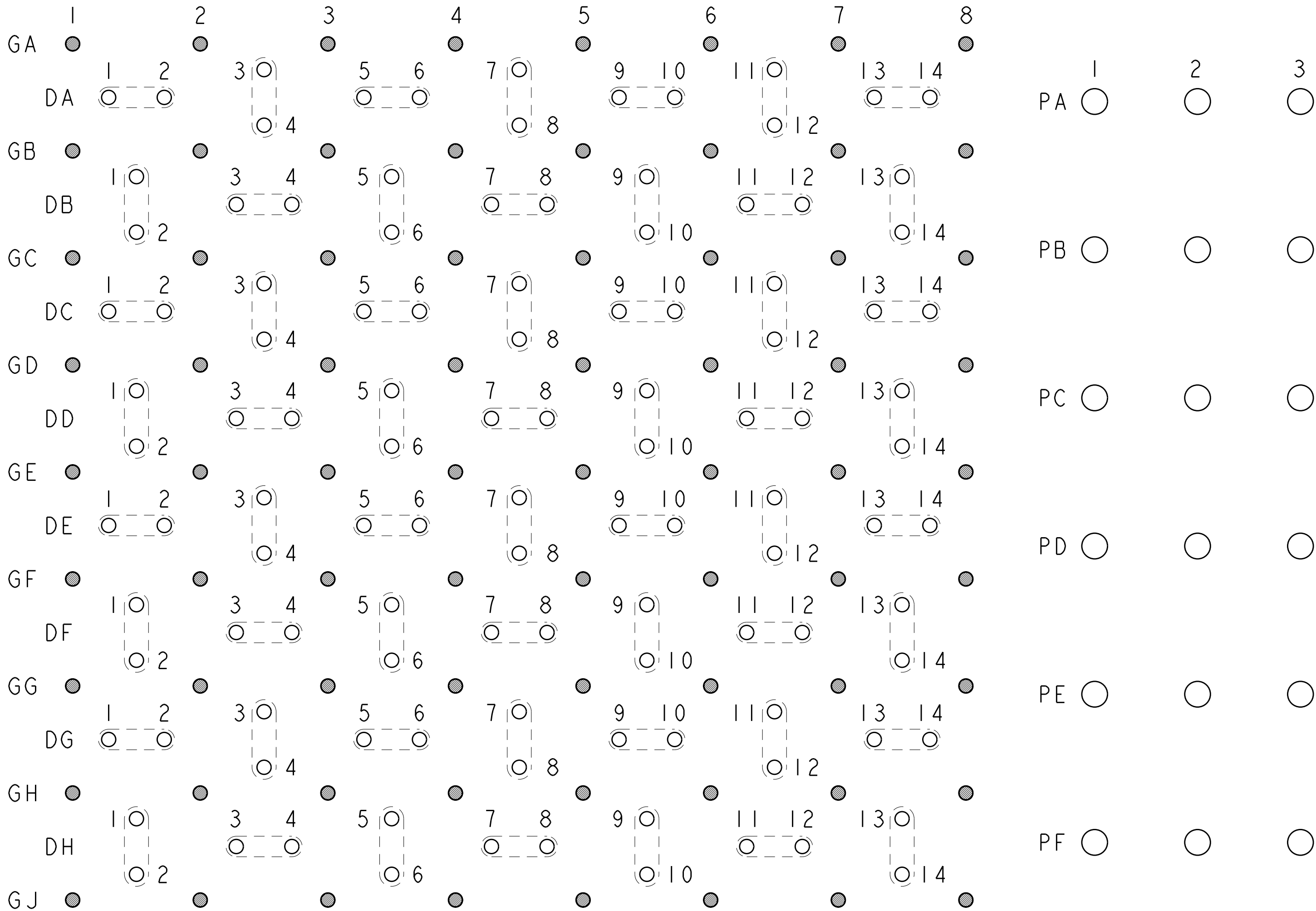
SHEET 2 OF 4

REV 12

©=2057460

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

AI CORNER INDICATORS.



PCB LAYOUT AND PIN IDENTIFICATION 
SHOWN FROM CONNECTOR SIDE
SCALE 12:1

MATED CONNECTOR OUTLINE
SEE SHEET 4 FOR LOCATION TO HOLES

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	D. RINGLER 04SEP2008		 TE Connectivity								
				CHK	D. TROUT 04SEP2008										
				APVD	J. FEDDER 04SEP2008										
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME		HEADER ASSEMBLY 56184/6P STRADA MESA MEZZANINE CONNECTOR							
mm		9 PLG ±		108-2375											
		2 PLG ±0.13		APPLICATION SPEC											
		3 PLG ±0.013		114-13249		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
		4 PLG ±		WEIGHT		A100779		C=2057460							
MATERIAL		FINISH		CUSTOMER DRAWING				SCALE		6:1		SHEET 3 of 4		REV 12	
-		-													



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. RINGLER	04SEP2008		
		CHK D. TROUT	04SEP2008		
DIMENSIONS:		APVD J. EDDER	04SEP2008	NAME	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	TE CONNECTIVITY			
	Ø PLC ± 2 PLC ± 2 PLC ±0.13 3 PLC ±0.013 3 PLC ± ALL ANGLES ±°	HEADER ASSEMBLY 56184/6P STRADA MESA MEZZANINE CONNECTOR			
MATERIAL	FINISH	WEIGHT	SIZE	CAGE CODE	DRAWING NO
-	-	-	A1	00779	G=2057460
					RESTRICTED TO -
CUSTOMER DRAWING			SCALE	SHEET	OF
			6:1	4	REV 12